

भारतीय पौधा किस्म जर्नल

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पौधा किस्म और कृषक अधिकार संरक्षण प्राधिकरण
एनएएससी काम्प्लैक्स, डीपीएस मार्ग, निकट टोडापुर गांव, नई दिल्ली-110012

PROTECTION OF PLANT VARIETIES & FARMERS' RIGHTS AUTHORITY
NASC COMPLEX, DPS MARG, Opp. Todapur Village, New Delhi-110012

भारतीय पौधा किस्म जर्नल, खण्ड 09, अंक 08
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पौधा किस्म और कृषक अधिकार संरक्षण प्राधिकरण
एनएससी कॉम्प्लेक्स, डीपीएस मार्ग, निकट टोडापुर गांव, नई दिल्ली – 110 012

PROTECTION OF PLANT VARIETIES & FARMERS' RIGHTS AUTHORITY
NASC Complex, DPS Marg, Opp. Todapur Village, New Delhi – 110 012

‘भारतीय पौधा किस्म जर्नल पौधा किस्म और कृषक अधिकार संरक्षण प्राधिकरण (पौ.कि.कृ.अ.सं.प्रा.) का आधिकारिक जर्नल है। पीपीवी और एफआर अधिनियम, 2001 तथा पीपीवी और एफआर नियमावली, 2003 के नियम 2 (जी) के अंतर्गत अध्यक्ष, पीपीवी और एफआर, एस.2, ए ब्लॉक, एनएएससी काम्प्लैक्स, डीपीएस मार्ग, निकट टोडापुर गांव, नई दिल्ली-110012 की ओर से प्राधिकरण के रजिस्ट्रार द्वारा प्रकाशित किया जा रहा है।

Plant Variety Journal of India is the Official Journal of the Protection of Plant Varieties and Farmers' Rights Authority (PPV & FRA) published by the Registrar on behalf of the Chairperson, PPV & FRA, S-2 A Block, NASC Complex, DPS Marg, Opp. Todapur Village, New Delhi-110012 under the PPV & FR Act, 2001 and Rule 2 (g) of the PPV & FR Rules, 2003.

Content

Sl.No. Item Page No.

1. Details of Gazette Notifications and Amendments:

- i) So.No. 1598(E) dated 15 June, 2015 regarding Annual fee of Farmers' Varieties.
- ii) G.S.R. 494(E) dated 15 June, 2015 regarding short title and commencement, revision of renewal fee and other fee.
- iii) S.O. 1796(E) dated 15 June, 2015 Central Government hereby notifies the following 10 genera or species eligible for registration under the Act, 2001.

2. Crop wise details of Seed sent to DUS Test centres during the month of June and July, 2015.

3. Passport data of 04 New varieties

S.No.	Denomination	Ackn. No.	Crop
1	KSR-6310	Reg/10/141	sorghum
2	KSR-6313	Reg/10/149	Sorghum
3	Aparna(NSRR-676)	Reg/13/356	sorghum
4	VBC 100894 AA	Reg/09/635	T.Cotton

4. Passport data of 08 Extant(VCK) Varieties

S.No.	Denomination	Ackn. No.	Crop
1	NS 222	Reg/09/376	T.Cotton
2	Chandramukhi NCH-996	Reg/10/218	T.Cotton
3	BIO-340-2	Reg/12/52	T.Cotton
4	Su-flum	Reg/12/51	T.Cotton
5	Anmol Ratan 8108	Reg/08/288	T.Cotton
6	RCH-111Bt	Reg/09/306	T.Cotton
7	Indam-1	Reg/11/192	T.Cotton
8	Arka Anoop	Reg/08/89	Febabean

5. PUBLIC NOTICE: Details of Registration Certificate of 100 varieties for inviting claims of benefit sharing under sub section 1 of section 26 of PPV&FR Act, 2001 read with rule 40 of PPV&FR Rules, 2003.

Sr. No.	Denomination Of Variety	Registration No.	Crop
1.	PKV SUVARNA (AKDH-5)	401 of 2014	Diploid Cotton
2	25P25	402 of 2014	Rice
3	RS585	403 of 2014	Sorghum
4	104A	404 of 2014	Sorghum
5	27A	405 of 2014	Sorghum
6	27P77	406 of 2014	Rice
7	VBCH-1520 BG-II	407 of 2014	Cotton
8	Ganjam-BASUMATIDHANA	408 of 2014	Rice
9	MAYURCHULIA	409 of 2014	Rice
10	RUPASALI	410 of 2014	Rice
11	NADALGHANTA	411 of 2014	Rice
12	JAGABALIA	412 of 2014	Rice
13	Nirmal-30 (NPH-30)	413 of 2014	Rice
14	CSH 24 MF	414 of 2014	Sorghum
15	Phule Anuradha (RSV 458)	415 of 2014	Sorghum
16	BALIADADHA	416 of 2014	Rice
17	Angl-Kumbhibahal-GANJEIJATA	417 of 2014	Rice
18	DHALA JEERA	418 of 2014	Rice
19	BALI BHAJANA-T	419 of 2014	Rice
20	MATIAKHOJA	420 of 2014	Rice
21	NANHU	421 of 2014	Rice
22	KANAKA CHAMPA	422 of 2014	Rice

23	KALACHAMPA-D	423 of 2014	Rice
24	N-UMERCHUDI	424 of 2014	Rice
25	GUNJIMANIK	425 of 2014	Rice
26	SARASWATI	426 of 2014	Rice
27	JADUMONI	427 of 2014	Rice
28	KENDERABALI	428 of 2014	Rice
29	SRI BALARAMA	429 of 2014	Rice
30	CHINAMALI-K	430 of 2014	Rice
31	DHOIA BANKOI	431 of 2014	Rice
32	SITABHOG	432 of 2014	Rice
33	DHANAREKHA	433 of 2014	Rice
34	DHANASHREE	434 of 2014	Rice
35	MALPA	435 of 2014	Rice
36	HUNDA	436 of 2014	Rice
37	Puri-CHAMPA-O	437 of 2014	Rice
38	RUKSAL	438 of 2014	Rice
39	SAFARI	439 of 2014	Rice
40	RATAN MALI	440 of 2014	Rice
41	BHATAMAKADA	441 of 2014	Rice
42	SARUCHINA	442 of 2014	Rice
43	SALUGAJA	443 of 2014	Rice
44	KHAJARA	444 of 2014	Rice
45	LAKSHMIVILASH	445 of 2014	Rice
46	DHOIA MADHOI	446 of 2014	Rice
47	SALAFULA	447 of 2014	Rice
48	LUNA	448 of 2014	Rice
49	KAKIRI	449 of 2014	Rice

50	SARUBHAJANA	450 of 2014	Rice
51	CHAMPANEULI	451 of 2014	Rice
52	BRAHMANIBARI	452 of 2014	Rice
53	ICHHABATI	453 of 2014	Rice
54	TAARES	454 of 2014	Rice
55	SANKARCHINI	455 of 2014	Rice
56	SANLIMADHOI	456 of 2014	Rice
57	K- Langigarh-MAHIPAL	457 of 2014	Rice
58	NALIKALAMA	458 of 2014	Rice
59	PAHAD BHANGA	459 of 2014	Rice
60	GANGABALI	460 of 2014	Rice
61	LABANGALATA	461 of 2014	Rice
62	GETHU-K	462 of 2014	Rice
63	INDORE 12	463 of 2014	Sorghum
64	MS7A	464 of 2014	Sorghum
65	27B	465 of 2014	Sorghum
66	NBCH-206	466 of 2014	Castor
67	TLG-45	467 of 2014	Ground nut
68	104B	468 of 2014	Sorghum
69	GG-21 (JSSP 15)	469 of 2014	Ground nut
70	AKR 354	470 of 2014	Sorghum
71	Varshadhan (CRLC-899) (IET-16481)	471 of 2014	Rice
72	MS7B	472 of 2014	Sorghum
73	Karishma NP111	473 of 2014	Rice
74	Silky-277	474 of 2014	Rice
75	KANIAR	475 of 2014	Rice

76	PANIROHI	476 of 2014	Rice
77	MOHAN BHOG	477 of 2014	Rice
78	Ganjam-TULASIBASA	478 of 2014	Rice
79	DHUSURA	479 of 2014	Rice
80	KABRI	480 of 2014	Rice
81	MUGDI-K	481 of 2014	Rice
82	CHUDI-D	482 of 2014	Rice
83	PARBAT JIRA	483 of 2014	Rice
84	K-Balisara-LAKTIMACHI	484 of 2014	Rice
85	TIKIMASURI	485 of 2014	Rice
86	PKV Kabuli-2	486 of 2014	Chick pea
87	RS 673	487 of 2014	Sorghum
88	CR BORO DHAN 2	488 of 2014	Rice
89	AKMS 14A	489 of 2014	Sorghum
90	2219 B	490 of 2014	Sorghum
91	Swadeshi 5	491 of 2014	Diploid Cotton
92	NARI-H-15	492 of 2014	Safflower
93	NUA KALAJEERA	493 of 2014	Rice
94	296B	494 of 2014	Sorghum
95	CR DHAN 70	495 of 2014	Rice
96	NARI-NH-1 (PH-6)	496 of 2014	Safflower
97	C43	497 of 2014	SORGHUM
98	KSF-260A	498 of 2014	Sunflower
99	DAMODARBHOGA	499 of 2014	Rice
100	KALAKADAMBA	500 of 2014	Rice

6. PUBLIC NOTICE: CROP SPECIFIC GUIDELINES FOR CONDUCTING DUS TEST

- i) Vegetable Amaranth (*Amaranthus tricolor* L.)
- ii) Ridge gourd (*Luffa acutangula* (L.) Roxb.)
- iii) Palak / Spinach beet (*Beta vulgaris* var. *bengalensis* Roxb.)
- iv) Carnation (*Dianthus caryophyllus* L.)
- v) Orchid (*Paphiopedilum* Pfitz.)


सत्यमेव जयते

भारत का राजपत्र

The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii)

PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 1243]

नई दिल्ली, मंगलवार, जून 16, 2015/ ज्येष्ठ 26, 1937

No. 1243]

NEW DELHI, TUESDAY, JUNE 16, 2015/JYAISTHA 26, 1937

कृषि मंत्रालय

(कृषि और सहकारिता विभाग)

अधिसूचना

नई दिल्ली, 15 जून, 2015

का.आ. 1598(अ).—पौधा किस्म और कृषक अधिकार संरक्षण प्राधिकरण केंद्रीय सरकार के पूर्व अनुमोदन से पौधा किस्म और कृषक अधिकार संरक्षण प्राधिकरण अधिनियम, 2001 (2001 का 53) की धारा 35 की उप-धारा (1) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, भारत के राजपत्र, असाधारण, भाग II, खंड 3, उपखंड (ii), का.आ. 2182(अ) तारीख 26 अगस्त, 2009 में प्रकाशित अधिसूचना में निम्नलिखित संशोधन करता है, अर्थात् :—

उक्त अधिसूचना में, पैरा 2 के पश्चात् और टिप्पण से पूर्व निम्नलिखित पैरा अंतःस्थापित किया जाएगा, अर्थात् :—

“3. कृषक किस्मों के लिए वार्षिक फीस 10/- रुपए (दस रुपए केवल) होगी।”।

[फा. सं. 1-24/2012-एसडी.V]

राजेश कुमार सिंह, संयुक्त सचिव

टिप्पण: मूल अधिसूचना तारीख 26 अगस्त, 2009, भारत के राजपत्र, असाधारण, भाग II, खंड 3, उपखंड (ii), का.आ. 2182(अ) तारीख 26 अगस्त, 2009 को प्रकाशित की गई थी।

MINISTRY OF AGRICULTURE**(Department of Agriculture and Co-operation)****NOTIFICATION**

New Delhi, the 15th June, 2015

S.O. 1598(E).—In exercise of the powers conferred by sub-section (1) of Section 35 of the Protection of Plant Varieties and Farmers' Rights Act, 2001 (53 of 2001), the Protection of Plant Varieties and Farmers' Rights Authority with the prior approval of the Central Government hereby makes the following amendment in the notification published in the Gazette of India, Extraordinary, Part II, Section 3, Sub-section (ii), *vide* S.O. 2182(E) dated 26th August, 2009 namely :—

In the said notification, after paragraph 2 and before the note the following paragraph shall be inserted, namely :—

“3. The annual fee for farmers' varieties shall be Rs. 10/- (Rupees Ten only).”.

[F. No. 1-24/2012-SD.V]

RAJESH KUMAR SINGH, Jt. Secy.

Note: The principal notification dated 26th August, 2009 was published in the Gazette of India Extraordinary, Part II, Section 3, Sub-section (ii) *vide* S.O. 2182(E) dated 26th August, 2009.


भारत का राजपत्र
The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (i)

PART II—Section 3—Sub-section (i)

प्राधिकार से प्रकाशित

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सं. 394]

नई दिल्ली, मंगलवार, जून 16, 2015/ज्येष्ठ 26, 1937

No. 394]

NEW DELHI, TUESDAY, JUNE 16, 2015/JYAISTHA 26, 1937

कृषि मंत्रालय

(कृषि और सहकारिता विभाग)

अधिसूचना

नई दिल्ली, 15 जून, 2015

सा.का.नि. 494(अ).—केन्द्रीय सरकार, पौधा किस्म और कृषक अधिकार संरक्षण अधिनियम, 2001 (2001 का 53) की धारा 96 द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए पौधा किस्म और कृषक अधिकार नियम, 2003 का और संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात् :—

1. संक्षिप्त नाम और प्रारंभ- (1) इन नियमों का संक्षिप्त नाम पौधा किस्म और कृषक अधिकार (संशोधन) नियम, 2015 है।
(2) में राजपत्र में प्रकाशन की तारीख से प्रवृत्त होंगे।
2. पौधा किस्म और कृषक अधिकार नियम, 2003 (जिनको इसमें इसके पश्चात् मूल नियम कहा गया है) के नियम 8 के उपनियम (1) के स्थान पर निम्नलिखित उपनियम रखा जाएगा, अर्थात्:-
"(1) पौधा किस्मों के रजिस्ट्रीकरण और अधिनियम के अधीन कोई अधिकार प्रदान करने या अधिनियम या तदधीन बनाए गए नियमों के अधीन कोई आवेदन या कोई दस्तावेज फाइल करने के संबंध में संदेय फीस की रकम दूसरी अनुसूची से विनिर्दिष्ट दरों के अनुसार होगी।"
3. मूल नियमों के नियम 16 में, उपनियम 7 में, शब्द "पांच" से पूर्व "अध्यक्ष और महारजिस्ट्रार को छोड़कर" शब्द अन्तःस्थापित किए जाएंगे।
4. मूल नियमों के नियम 19 में उपनियम (5) का लोप किया जाएगा।
5. मूल नियमों के नियम 20 में, -
(क) उपनियम (2) में "सीधी भर्ती की रीति द्वारा या संविदा के आधार पर साक्षात्कार करने के पश्चात् चयन द्वारा" शब्दों का लोप किया जाएगा।
(ख) उपनियम (3) के स्थान पर निम्नलिखित उपनियम रखा जाएगा, अर्थात्:-

"(3) उपनियम (1) में किसी बात के होते हुए भी, प्राधिकरण, केन्द्रीय सरकार के पूर्व अनुमोदन से, ऐसे अन्य अधिकारियों और कर्मचारियों की भी नियुक्ति कर सकेगा, जो उसके द्वारा प्रतिनियुक्ति पर या संविदा के आधार पर अपेक्षित हो।"

6. मूल नियमों के नियम 22 में,-

(क) उपनियम (2) के स्थान पर निम्नलिखित उपनियम रखा जाएगा, अर्थात्:-

"(2) प्राधिकरण ऐसी प्रजातियों की विद्यमान किस्में द्वारा 8 की उपधारा (2) के खंड (क) के अधीन ऐसी अवधि के भीतर, जो उसके द्वारा अवधारित की जाए, रजिस्टर करेगा और ऐसी प्रजातियों की भिन्नता, एकरूपता और स्थामित्व (जिनको इसमें इसके पश्चात् डी यू एस कहा गया है) के अनुरूप उपयुक्त परीक्षण मानदण्ड प्लाट बैराइटी जर्नल आफ इण्डिया में विनिर्दिष्ट किए जाएंगे।"

(ख) उपनियम(2) के पश्चात् निम्नलिखित उपनियम अंतःस्थापित किया जाएगा, अर्थात् :-

"(2अ) प्राधिकरण, विद्यमान किस्मों (कृषकों की किस्मों से अन्यथा) को रजिस्टर करेगा, यदि रजिस्ट्रीकरण हेतु आवेदन के लिए फाइल करने की तारीख को ऐसी किस्म, ऐसी किस्म के उपयोग के प्रयोजनों के लिए वृक्षों और लताओं की दशा में अठारह वर्षों की अवधि के लिए और अन्य दशाओं में पन्द्रह वर्षों के लिए विक्रीत नहीं की गई है या अन्यथा उसका निपटान नहीं किया गया है।"

7. मूल नियमों में नियम 24 का लोप किया जाएगा।

8. मूल नियमों में, नियम 29 में, -

(क) उपनियम(4) के स्थान पर निम्नलिखित उपनियम रखा जाएगा, अर्थात्:-

"(4) आवश्यक रूप से प्राप्त किस्मों और वीज अधिनियम 1966(1966 का 54) की धारा 5 के अधीन अधिसूचित किस्मों के सिवाय डीयूएस परीक्षण सभी नई और विद्यमान किस्मों के लिए आवश्यक होगा।

4(अ) डीयूएस मानदण्ड अखिल भारतीय समन्वित अनुसंधान परियोजना परीक्षणों की रिपोर्ट के आधार पर अवधारित किए जाएंगे।"

(ख) उप नियम(5) का लोप किया जाएगा।

9. मूल नियमों में, नियम 30 में उपनियम (2) के स्थान पर निम्नलिखित उपनियम रखा जाएगा, अर्थात् :-

"(2) रजिस्ट्रार किसी किस्म को डीयूएस परीक्षण हेतु भेजने से पूर्व जर्नल में किसी व्यक्ति द्वारा निरीक्षण के प्रयोजनों के लिए डीयूएस परीक्षण केन्द्र, जहां ऐसी किस्म का डीयूएस परीक्षण किया जाएगा, का नाम और पता प्रकाशित करेगा।"

10. मूल नियमों में, नियम 31 में, उपनियम (4) में "जिसके न हो सकने पर रजिस्ट्रार विरोध के गुणागुण विनिश्चित करेगा और इसके लिए कारण देते हुए अपना विनिश्चय अधिसूचित करेगा" शब्दों का लोप किया जाएगा।

11. मूल नियमों में, नियम 32 के स्थान पर निम्नलिखित नियम रखा जाएगा, अर्थात्

"32 समय अनुसूची का अनुपालन- इन नियमों के अधीन विरोध, अंतिम विरोध, साक्ष्य, मध्यक्षेप लिखित कथन और उत्तर के लिए नोटिस हेतु, उपबंधित समय अनुसूची, समय विस्तार चाहने वाले व्यक्ति द्वारा फाइल किए गए आवेदन पर प्राधिकारी या रजिस्ट्रार के विशेष आदेश द्वारा और दूसरी अनुसूची में विनिर्दिष्ट फीस के संदाय पर के सिवाय, साधारण तथा विस्तारित नहीं की जाएगी तथा विस्तार के लिए ऐसा आवेदन प्रथम अनुसूची के प्ररूप पीवी-5 में होगा।"

12. मूल नियमों में, नियम 33 में :-

(क) पार्श्व शीर्षक में, शब्द

"विरोध का नोटिस, प्रतिकथन फाइल करने की समय-सीमा, और साक्ष्य" का लोप किया जाएगा,

(ख) उपनियम (6) का लोप किया जाएगा।

13. मूल नियमों में, नियम 35 के स्थान पर निम्नलिखित रखा जाएगा, अर्थात्-

"35 आवश्यक रूप से व्युत्पन्न किस्मों के परीक्षण की रीति प्राधिकारी द्वारा प्रत्येक मामले के आधार पर विनिश्चित किया जाएगा और उसे प्लांट बैराइटी जर्नल ऑफ इण्डिया में प्रकाशित किया जाएगा।"

14. मूल नियमों में, नियम 53 में, -

(क) उप नियम (4) में, खंड (क), खंड (ख) और खंड (ग) में "रजिस्ट्रार" शब्द के स्थान पर क्रमशः "प्राधिकारी" शब्द रखा जाएगा;

(ख) उपनियम (5) में "राजपत्र" शब्द के स्थान पर "जर्नल" शब्द रखा जाएगा।

15. मूल नियमों में, नियम 76 में, पार्श्व शीपक के स्थान पर निम्नलिखित रखा जाएगा, अर्थात् :-

"76 धारा 83 के अधीन प्रमाणित प्रति जारी करने और धारा 84 के अधीन निरीक्षण हेतु प्रमाणित प्रति अभिप्राप्त करने के लिए संदेय फीसा।"

16. मूल नियम में, पहली अनुसूची में, -

(क) प्ररूप पीवी- 5 के स्थान पर निम्नलिखित प्ररूप रखा जाएगा, अर्थात् :-

"प्ररूप पीवी- 5
(नियम 32 देखें)

पौधा किस्म और कृषिक अधिकार संरक्षण अधिनियम, 2001 समय विस्तार के लिए अनुरोध

मैं/हम¹ नियम 32 के अधीन फाइल करने के लिए महीने तक समय का विस्तार करने हेतु अनुरोध करता हूँ/करते हैं।

आवेदन सं. के संबंध में।

यह आवेदन करने के लिए निम्नलिखित कारण है -

1.

2.

भारत में तामील के लिए मेरा पता निम्नवत है।

.....

तारीख20

हस्ताक्षर²

सेवा में,

प्राधिकारी

पौधा किस्म रजिस्ट्री

.....

1. आवेदक का नाम (पूरा नाम), पता तथा राष्ट्रियता का उल्लेख करें।

2. आवेदक (आवेदकों) द्वारा हस्ताक्षर किए जाएं";

(ख) प्ररूप पीवी- 15 के स्थान पर निम्नलिखित रखा जाएगा, अर्थात् :-

प्ररूप पीवी- 15
(देखें नियम 52)

पौध किस्म तथा कृषिक अधिकार संरक्षण अधिनियम, 2001

इस अधिनियम के अन्तर्गत पंजीकृत पौधा किस्म के पंजीकरण के प्रमाणपत्र प्रतिसंहरण के लिए किसी व्यक्ति द्वारा आवेदन

..... फसल की पौधा किस्म के मामले में, जिसका पंजीकरण संख्या है, जो के नाम में पंजीकृत है, एतद्वारा¹ द्वारा, जो पौधा किस्म की उपरोक्त कथित पंजीकृत पौधा किस्म का² है, आवेदन किया जाता है कि निम्नलिखित में से किसी एक आधार पर और संलग्न विवरण में पूर्णतया उल्लेखित परिस्थितियों में प्रमाणपत्र का प्रतिसंहरण किया जाए।

. यह कि पंजीकरण का प्रमाणपत्र आवेदक द्वारा दी गई गलत सूचना पर आधारित है।

. यह कि पंजीकरण का प्रमाणपत्र किसी ऐसे व्यक्ति को दिया गया है जो इस अधिनियम के अन्तर्गत संरक्षण का पात्र नहीं है।

. यह कि संवर्धक ने रजिस्ट्रार को वह सूचना, दस्तावेज अथवा सामग्री नहीं दी जैसी कि इस अधिनियम के अधीन पंजीकरण के लिए अपेक्षित है।

. यह कि संवर्धक किस्म के वैकल्पिक वर्ग प्रदान करने में असफल रहा जो उस मामले में रजिस्ट्रार के लिए पंजीकरण की विषय-वस्तु है जहां रजिस्ट्रार को प्रदान की गई ऐसी किस्म के पहले के वर्ग इस अधिनियम के अन्तर्गत पंजीकरण के लिए अनुज्ञेय नहीं है।

. यह कि संवर्धक ने उस व्यक्ति को आवश्यक बीज अथवा प्रचार-प्रसार सामग्री प्रदान नहीं की जिसे उस किस्म के संबंध में धारा 47 के अन्तर्गत अनिवार्य लाइसेंस जारी किया गया है, जिसके संबंध में ऐसे प्रजनक को पंजीकरण प्रमाणपत्र जारी किया गया है।

. यह कि संवर्धक ने इस अधिनियम अथवा उसके अंतर्गत बनाए गए नियमों अथवा विनियमों के प्रावधानों का अनुपालन नहीं किया है।

. यह कि संवर्धक ने इस अधिनियम के अन्तर्गत जारी प्राधिकरण के निर्देश का अनुपालन करने में असमर्थ रहा है।

. यह कि पंजीकरण के प्रमाणपत्र का दिया जाना लोक हित में नहीं है।

इस आवेदन से संबंधित सभी पत्र-व्यवहार निम्नलिखित पते पर किए जाएं।

3

तारीख 20

हस्ताक्षर⁴

सेवा में,

प्राधिकारी,

पौधा किस्म प्राधिकरण रजिस्ट्री

स्थित⁵

1. आवेदक का नाम भरें।
2. रजिस्ट्रीकृत पौधा किस्म के साथ आवेदक के संबंध की प्रकृति
3. आवेदक का पता।
4. आवेदक या उसके अभिकर्ता के हस्ताक्षर।
5. पौधा किस्म रजिस्ट्री के समुचित कार्यालय के स्थान का नाम बताएं। ;

(ग) प्ररूप पी.वी. 16 के स्थान पर निम्नलिखित रखा जाएगा, अर्थात् :-

प्ररूप पीवी- 16

(देखें नियम 53(2) देखें)

पौधा किस्म तथा कृषक अधिकार संरक्षण अधिनियम, 2001

पौधा किस्म के रजिस्ट्रीकरण प्रमाण-पत्र के प्रतिसंहरण का विरोध करने के लिए विरोध की सूचना

..... 1 द्वारा रजिस्ट्रीकरण के प्रमाण पत्र के प्रतिसंहरण के आवेदन के मामले में, से हम²
जो रजिस्ट्रीकृत संवर्धक हूँ/हैं है, फसल की पौधा किस्म, जिसका रजिस्ट्रीकरण सं. है,
जिसकी पौधा किस्म के रजिस्ट्रार द्वारा भेजी गयी सूचना मुझे तारीख 200 को प्राप्त हुई, के प्रमाण-पत्र
के प्रतिसंहरण का विरोध करने के मेरे/हमारे आशय की सूचना देता हूँ/देते हैं।

विरोध के तथ्य और आधार उल्लिखित करने वाला लिखित कथन निम्नवत है:-

3.

इन कार्यवाहियों के संबंध में सभी पत्र-व्यवहार भारत में निम्नलिखित पते पर किया जाए।

4

तारीख 20

हस्ताक्षर⁵

सेवा में,
प्राधिकारी,
पौधा किस्म रजिस्ट्री का कार्यालय,
स्थित 6.....

1. पौधा किस्म के प्रतिसंहरण का आवेदन करने वाले व्यक्ति का नाम।
 2. रजिस्ट्रीकृत संवर्धक का नाम।
 3. लिखित कथन, जिसमें विरोधी के हित की किस्म निर्धारित है, तथ्य जिन पर वह अपना मामला आधारित करता है, और राहत जिसकी वह मांग करता है। विरोधी अपने विश्वास के अनुसार कोई भी ऐसा दस्तावेज विरोध की सूचना के अनुबंध के रूप में दे सकता है।
 4. उसके व्यापार या आवास के मुख्य स्थान का नाम व पता।
 5. विरोध के आवेदन करने वाले व्यक्ति या उसके अभिकर्ता के हस्ताक्षर।
 6. पौधा किस्म रजिस्ट्रीकृत के समुचित कार्यालय के स्थान का नाम बताएं"। ;
- (घ) प्ररूप पीवी- 17 के स्थान पर निम्नलिखित रखा जाएगा, अर्थात :-

प्ररूप पीवी- 17
[देखें नियम 53(4) देखें]

पौध किस्म तथा कृषक अधिकार संरक्षण अधिनियम, 2001

सुने जाने के अवसर के लिए आवेदन

धारा 1 के अन्तर्गत दिनांक दिवस 20 को किए गए आवेदन के मामले में, मैं 2 आवेदक अथवा विरोधी को आवेदन करता हूँ कि उपरोक्त मामले के संदर्भ में सुने जाने का एक अवसर प्रदान करें। यह अनुरोध है कि सुनवाई का समय और स्थान मुझे निम्नलिखित पते पर सूचित किया जाएगा।

3.

तारीख दिन 20

हस्ताक्षर 4

सेवा में,
प्राधिकारी,
पौधा किस्म रजिस्ट्री का कार्यालय,
स्थित 5

1. धारा संख्या, फार्म संख्या और प्रतिसंहरण के लिए आवेदन करने वाले आवेदक अपने विवरण को भरें।
2. इस नोटिस को देने वाले व्यक्ति का नाम।
3. इस नोटिस को देने वाले व्यक्ति का पता।
4. नोटिस देने वाले व्यक्ति अथवा उसके अभिकर्ता के हस्ताक्षर।
5. पौधा किस्म रजिस्ट्री के उपयुक्त कार्यालय के स्थान का नाम उल्लेखित करें।
6. जो लागू न हो, काट दें"। ;

17. मूल नियमों में, दूसरी अनुसूची के स्थान पर निम्नलिखित अनुसूची रखी जाएगी, अर्थात् :-

"दूसरी अनुसूची
(नियम 8 देखें)
फीस

क्र. सं. (1)	मामले जिन पर फीस संदेय है (2)	फीस की रकम (3)	प्ररूप संख्या (4)
1	किए जाने वाले परीक्षण	1) परीक्षण की प्रकृति और प्रकार पर आधारित अधिकतम 2,00,000/= रु. प्रति ऐन्ट्री के अध्यक्षीन 2) ऑन- फार्म डीयूएस परीक्षण हेतु, फीस मद (1) के लिए विनिर्दिष्ट फीस के अधिकतम चार गुणा के अध्यक्षीन, डीयूएस परीक्षण स्थलों की अवस्थिति पर निर्भर करेगी	-
2	विरोध की सूचना	10,000/= रु.	पी वी 3
3	प्रति कथन	2000/= रु.	पी वी 4
4	समय विस्तार	5000/= रु. प्रति माह	पी वी 5
5	आवश्यक रूप से व्युत्पन्न किस्मों के रजिस्ट्रीकरण के लिए फीस	व्यष्टिक - 7000/= रु. शैक्षणिक - 10,000/= रु. वाणिज्यिक - 50,000/= रु.	-
6	बीज अधिनियम, 1966(1966 का 54) की धारा 5 के अधीन यथाअधिसूचित विद्यमान किस्म के रजिस्ट्रीकरण के लिए फीस	2000/= रु.	-
7	विद्यमान किस्मों से अन्यथा जेनरा और स्पीशीज की किसी किस्म और अधिनियम की धारा 29 की उपधारा (2) के साथ पठित धारा 14 के खण्ड (क) में यथाविनिर्दिष्ट किसानों की किस्मों के रजिस्ट्रीकरण के लिए फीस।	व्यष्टिक- 7000/= रु. शैक्षणिक- 10000/= रु. वाणिज्यिक- 50000/= रु.	-
8	किसी ऐसी किस्म, जिसके बारे में आम जानकारी है, अर्थात् अधिनियम की धारा 2 के खण्ड (ज) के अधीन यथाविनिर्दिष्ट विद्यमान किस्म के रजिस्ट्रीकरण के लिए फीस।	व्यष्टिक- 7000/= रु. शैक्षणिक- 10000/= रु. वाणिज्यिक- 50000/= रु.	-
9	नवीकरण फीस	व्यष्टिक- 7000/= रु. शैक्षणिक- 10000/= रु. वाणिज्यिक- 50000/= रु. प्रति वर्ष	पी वी 6
10	प्रसुविधा लेने के लिए आवेदन	10000/-	पी वी 7
11	प्रसुविधा लेने के लिए विरोध का नोटिस	5000/-	पी वी 8
12	अभिकर्ता अनुज्ञापिधारी के रूप में रजिस्ट्रीकरण हेतु आवेदन	15000/-	पी वी 9
13	रजिस्ट्रीकरण में निबंधनों में फेरफार/रद्दकरण हेतु आवेदन	व्यष्टिक-3000/- शैक्षणिक-5000/- वाणिज्यिक-10000/-	पी वी 10
14	रजिस्ट्रीकरण में निबंधनों में फेरफार/रद्दकरण हेतु आवेदन के विरोध का नोटिस।	5000/-	पी वी 11
15	पौधा किस्म के रजिस्ट्रीकरण प्रमाणपत्र के अभ्यर्पण का आवेदन	5000/-	पी वी 12

16	प्रमाणपत्र के अभ्यर्पण की प्रस्थापना के विरोध का नोटिस	5000/-	पी वी 13
17	रजिस्ट्रीकरण प्रमाणपत्र के प्रतिसंहरण का आवेदन	20000/-	पी वी 15
18	रजिस्ट्रीकरण प्रमाणपत्र के प्रतिसंहरण के आवेदन के विरोध का नोटिस।	5000/-	पी वी 16
19	पौधा किस्म के रजिस्ट्रीकरण के प्रमाणपत्र के रद्दकरण या परिवर्तन के लिए आवेदन	10000/-	पी वी 18
20	राष्ट्रीय पौधा किस्म रजिस्टर में शुद्धिकरण हेतु आवेदन	10000/-	पी वी 19
21	राष्ट्रीय पौधा किस्म रजिस्टर में शुद्धिकरण हेतु आवेदन के विरोध का नोटिस	5000/-	पी वी 20
22	राष्ट्रीय पौधा किस्म रजिस्टर में स्वामी/अभिजनक द्वारा शुद्धिकरण हेतु आवेदन	10000/-	पी वी 21
23	राष्ट्रीय पौधा किस्म रजिस्टर में रजिस्ट्रीकृत अभिकर्ता या अनुजमिधारी द्वारा शुद्धिकरण हेतु आवेदन	5000/-	पी वी 22
24	रजिस्ट्रीकृत पौधा किस्म के अभिधान को परिवर्तित करने हेतु आवेदन	20,000/-	पी वी 23
25	रजिस्ट्रीकृत पौधा किस्म के अभिधान को परिवर्तित करने हेतु आवेदन के विरोध का नोटिस	10000/-	पी वी 24
26	प्रतिकर का दावा करने हेतु आवेदन के विरोध का नोटिस	5000/-	पी वी 26
27	प्रतिकर का दावा करने हेतु आवेदन के विरोध का नोटिस	5000/-	पी वी 27
28	अनिवार्य अनुजमि प्रदान करने हेतु आवेदन	25000/-	पी वी 28
29	अनिवार्य अनुजमि प्रदान करने हेतु आवेदन के विरोध का नोटिस	10000/-	पी वी 29
30	अनिवार्य अनुजमि के प्रतिसंहरण हेतु आवेदन	10000/-	पी वी 30
31	अनिवार्य अनुजमि के प्रतिसंहरण हेतु आवेदन के विरोध का नोटिस	5000/-	पी वी 31
32	धारा 84 के अधीन पौधा किस्म रजिस्टर में प्रविष्टि के निरीक्षण हेतु आवेदन	1000/- (प्रति प्रविष्टि)	पी वी 33
33	धारा 84 के अधीन प्रमाणित प्रतियों के लिए अनुरोध	500/- रू. प्रति पृष्ठ	पी वी 33"।

18. मूल नियमों में, तीसरी अनुसूची में, प्ररूप संख्या ण-12 के सामने, स्तंभ (3) के नीचे विद्यमान प्रविष्टि के स्थान पर निम्नलिखित प्रविष्टि रखी जाएगी, अर्थात् :-

"समुदायों के अधिकारों हेतु प्रतिकर के लिए नोटिस"।

19. मूल नियमों में, चौथी अनुसूची के स्थान पर निम्नलिखित अनुसूची रखी जाएगी, अर्थात् :-

चौथी अनुसूची
[नियम 20(1) देखें]

क्र.सं. (1)	पद का नाम (2)	पदों की सं. (3)	केन्द्र में समतुल्य पद (4)	वेतन वेण्ड या ग्रेड वेतन या वेतनमान (5)
1	वित्तीय सलहाकार	1	निदेशक	वेतन वेण्ड-4(37400-67000 रू.) ग्रेड वेतन 8700/रू. सहित
2	विधि सलहाकार	2	अवर सचिव	वेतन वेण्ड-3(15600-39100 रू.) ग्रेड वेतन 6600/रू. सहित
3	ज्येष्ठ लेखा अधिकारी	1	अवर सचिव	वेतन वेण्ड-3(15600-39100 रू.) ग्रेड वेतन 6600/रू. सहित

4	पौधा किस्म परीक्षक	2	अनुभाग अधिकारी	वेतन वेण्ड-3(15600-39100 रु.) ग्रेड वेतन 5400/रु. सहित
5	ज्येष्ठ तकनीकी अधिकारी	5	सहायक	वेतन वेण्ड-2(9300-34800 रु.) ग्रेड वेतन 4600/रु. सहित
6	तकनीकी सहायक	1	तकनीकी सहायक	वेतन वेण्ड-2(9300-34800 रु.) ग्रेड वेतन 4200/रु. सहित
7	कम्प्यूटर सहायक	6	तकनीकी सहायक	वेतन वेण्ड-2(9300-34800 रु.) ग्रेड वेतन 4200/रु. सहित
8	कार्यपालक सहायक	2	तकनीकी सहायक	वेतन वेण्ड-2(9300-34800 रु.) ग्रेड वेतन 4200/रु. सहित

20. मूल नियमों में, दृष्टी अनुसूची में,-

(क) पैरा 2 और उससे संबंधित प्रविष्टियों के पश्चात् निम्नलिखित अंतःस्थापित किया जाएगा, अर्थात् :-

"2अ. कारोबार का मुख्य स्थान या आवेदक का अधिवास

"।

(ख) घोषणा में, अंत में विद्यमान समर्थनकारी प्राधिकारियों के स्थान पर निम्नलिखित रखा जाएगा अर्थात्:-

"[संबंधित पंचायत जैव विविधता प्रबंधन समिति का अध्यक्ष/सचिव या संबंधित जिला कृषि अधिकारी या अनुसंधान निदेशक/संबंधित राज्य कृषि विश्वविद्यालयों के विस्तारण का निदेशक या संबंधित जिला जनजातीय विकास कार्यालय/ आंचलिक परियोजना निदेशक (आईसीएआर) (कार्यालय खड़ मुहर सहित)]।"

[फा सं 1-24/2012-एसडी.V]

राजेश कुमार सिंह, संयुक्त सचिव

टिप्पण:- मूल नियम भारत के राजपत्र, भाग- II, खण्ड 3, उपखण्ड (i) में सा.का.नि. 738(अ), तारीख 12.9.2003 को प्रकाशित किए गए थे और तत्पश्चात् निम्नलिखित संख्याओं द्वारा संशोधित किए गए हैं :- (i) सा.का.नि. 843(अ), तारीख 30.12.2004, (ii) सा.का.नि. 731(अ), तारीख 14.10.2008, (iii) सा.का.नि. 319(अ), तारीख 11.05.2009, (iv) सा.का.नि. 783(अ), तारीख 27.10.2009, (v) सा.का.नि. 901(अ), तारीख 17.12.2009, (vi) सा.का.नि. 949(अ), तारीख 03.12.2010, (vii) सा.का.नि. 900(अ), तारीख 17.12.2012, (viii) सा.का.नि. 901(अ), तारीख 17.12.2012, (ix) सा.का.नि. 902(अ), तारीख 17.12.2012, (x) सा.का.नि. 115(अ), तारीख 20.02.2013.

MINISTRY OF AGRICULTURE

(Department of Agriculture and Co-Operation)

NOTIFICATION

New Delhi, the 15th June, 2015

G.S.R. 494(E).—In exercise of the powers conferred by Section 96 of the Protection of Plant Varieties and Farmers' Rights Act, 2001 (53 of 2001), the Central Government hereby makes the following rules further to amend the Protection of Plant Varieties and Farmers' Rights Rules, 2003, namely:-

- 1. Short title and commencement.**—(1) These Rules may be called the Protection of Plant Varieties and Farmers' Rights (Amendment) Rules, 2015.
(2) They shall come into force on the date of their publication in the Official Gazette.
- 2. In the Protection of Plant Varieties and Farmers Rights Rules, 2003 (herein after referred to as the principal rules), in rule 8, for sub- rule (1), the following sub- rule shall be substituted, namely:-**

- “(1) The amount of fees payable in respect of the registration of plant varieties and grant of any right under the Act or any application or any document to be filed under the Act or the rules made thereunder shall be as per the rates specified in the Second Schedule. ”.
3. In the principal rules, in rule 16, in sub - rule (7), after the word “five”, the words “excluding Chairperson and Registrar - General” shall be inserted.
 4. In the principal rules, in rule 19, sub-rule (5) shall be omitted.
 5. In the principal rules, in rule 20,-
 - (a) in sub-rule (2), the words “by the method of direct recruitment or contract by selection after conducting interview.” shall be omitted.
 - (b) for sub-rule (3), the following sub-rule shall be substituted, namely:-

“(3) Notwithstanding anything contained in sub rule (1), the Authority may also appoint such other officers and employees as may be required by it on deputation or on contract basis with the prior approval of the Central Government.”.
 6. In the principal rules, in rule 22,-
 - (a) for sub-rule (2), the following sub-rule shall be substituted, namely:-

“(2) The Authority shall register extant varieties under clause (a) of sub-section (2) of section 8 of such genera or species and within such period as may be determined by it and the suitable test criteria to conform distinctiveness, uniformity and stability (hereinafter referred to as DUS) of such genera or species shall be specified in the Plant Variety Journal of India.”.
 - (b) after sub-rule (2), the following sub-rule shall be inserted, namely:-

“(2A) The Authority shall register extant varieties (other than farmers variety), if at the date of filing of the application for registration, such variety has not been sold or otherwise disposed of for the purposes of exploitation of such variety for a period of eighteen years in case of trees and vines and fifteen years in other cases.”.
 7. In the principal rules, rule 24 shall be omitted.
 8. In the principal rules, in rule 29, -
 - (a) for sub- rule (4), the following sub-rules shall be substituted, namely:-

“(4) The DUS test shall be necessary for all new and extant varieties except essentially derived varieties and for varieties notified under section 5 of the Seeds Act, 1966 (54 of 1966).

4(A) The DUS criteria shall be determined based on report of the All India Coordinated Research Project trials. ”.
 - (b) sub-rule (5) shall be omitted.
 9. In the principal rules, in rule 30, for sub-rule (2), the following sub-rule shall be substituted, namely:-

“(2) Before sending a variety for DUS testing, the Registrar shall publish in the Journal for the purposes of inspection by any person, the name and location of the DUS test centre where such variety will undergo the DUS testing.”.
 10. In the principal rules, in rule 31, in sub-rule (4), the words “failing which the Registrar shall decide the merits of the opposition and notify his decision by giving reasons therefore” shall be omitted.
 11. In the principal rules, for rule 32, the following rule shall be substituted, namely:-

“32. Compliance with time schedule.— The time schedule provided under these rules for notice of opposition, final opposition, evidence, intervention, written statement and reply shall not ordinarily be extended except by special order of the Authority or Registrar given on an application filed by the person seeking extension of time and on payment of the fee specified in the Second Schedule and such an application for extension shall be in Form PV-5 of the First Schedule.”.
 12. In the principal rules, in rule 33:-
 - (a) In the marginal heading, the words “evidence and time limit for filing notice of opposition, counter – statement “shall be omitted;
 - (b) sub-rule (6) shall be omitted.

13. In the principal rules, for rule 35, the following shall be substituted, namely:-
 “35. The manner of testing essentially derived varieties shall be decided by the Authority on a case-to-case basis and the same shall be published in the Plant Variety Journal of India.”
14. In the principal rules, in rule 53,-
 (a) In sub - rule (4), in clause (a), clause (b) and clause (c), for the word “Registrar” the word “Authority” shall respectively be substituted;
 (b) in sub-rule (5) for the words “Official Gazette” the words “Journal” shall be substituted.
15. In the principal rules, in rule 76, for the marginal heading, the following shall be substituted, namely:-
 “ 76. Manner of issuing certified copy under section 83 and fee payable for obtaining a certified copy for inspection under section 84”.
16. In the principal rules, in the First Schedule,-
 (a) for Form PV-5, of the following Form shall be substituted, namely:-

“FORM PV- 5
 [See rule 32]
THE PROTECTION OF PLANT VARIETIES AND FARMERS’
RIGHTS ACT, 2001
REQUEST FOR EXTENSION OF TIME

I/We¹ hereby request for extension of time for
 months under rule 32 for filing.....

In respect of application No
 The reason for making this application is/are follows:-
 1
 2

My / address for service in India is as follows:-

Dated this day of 20

Signature²

To
 The Authority
 The Plant Varieties Registry
 At

1. Insert the Name (in full), address and nationality of the Applicant.
 2. To be signed by the Applicant(s).”;

- (b) For Form PV-15, the following form shall be substituted, namely:-

“FORM PV - 15
 (See rule 52)
THE PROTECTION OF PLANT VARIETIES AND FARMERS’
RIGHTS ACT, 2001

APPLICATION FOR REVOCATION OF THE CERTIFICATE OF REGISTRATION OF THE PLANT
VARIETY REGISTERED UNDER THIS ACT BY ANY PERSON

In the matter of plant variety of crop, having registration No..... registered in the name of Application of hereby made by¹.....being the² of the abovementioned registered plant variety for revocation of the certificate on one of the following grounds and in circumstances that are stand fully in the accompanying statement:

- that the grant of certificate of registration has been based on incorrect information furnished by the applicant.
- that the certificate of registration has been granted to a person who is not eligible for protection under this Act.

- that the breeder did not provide the Registrar with such information, documents or materials as required for registration under this Act.
- that the breeder has failed to provide an alternative denomination of the variety which is subject-matter of the registration to the Registrar in case where the earlier denomination of such variety provided to the Registrar is not permissible for registration under this Act.
- that the breeder did not provide the necessary seeds or propagating material to the person to whom compulsory license has been issued under section 47 regarding the variety in respect of which registration certificate has been issued to such breeder.
- that the breeder has not complied with the provisions of this Act or rules or regulations made there under.
- that the breeder has failed to comply with the direction of the Authority issued under this Act.
- that the grant of certificate of registration is not in the public interest.

All the communications relating to this application may be sent at the following address:-

³

Dated this.....day of.....20

Signature⁴.....

To

The Authority
The Plant Varieties Authority Registry
At⁵.....

1. Insert the name of the applicant.
2. Nature of relationship of the applicant with the registered plant variety.
3. Address of the applicant.
4. Signature of the applicant or his agent.
5. State the name of the place of the appropriate office of the Plant Varieties Registry.”;

(c) for Form PV-16, the following Form shall be substituted

“FORM PV-16

[See rule 53(2)]

**THE PROTECTION OF PLANT VARIETIES AND FARMERS’
RIGHTS ACT, 2001**

**NOTICE OF OPPOSITION TO OPPOSE THE REVOCATION OF CERTIFICATE OF REGISTRATION OF
PLANT VARIETY**

In the matter of application for revocation of certificate of registration by¹I/We² who is the registered breeder, hereby give notice of my intention to oppose the revocation of certificate, of plant variety....., of crop....., having registration No.....notice of which was received by me, dated theday of.....20..... sent by the Registrar of plant variety.

The written statement stating the facts and grounds of opposition are as follows:-

³

All the communications in relation to these proceedings may be sent to the following address in India:-

⁴

Dated this.....day of.....20.....

Signature⁵.....

To

The Authority
The Office of the Plant Variety Registry
At⁶.....

1. Name of the person making an application for revocation of plant variety.
2. Name of the registered breeder.
3. Written statement setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief, which he seeks. The opponent may furnish any documents upon which the opponent relies on as annexure to this notice of opposition.
4. Name and address of his principal of business or residence.
5. Signature of the person making this application for opposition or is agent.
6. State the name of the place of the appropriate office of the plant variety registry.”;

(d) For Form PV-17, the following shall be substituted, namely:-

“FORM PV-17
[See rule 53(4)]

**THE PROTECTION OF PLANT VARIETIES AND FARMERS’
RIGHTS ACT, 2001**

APPLICATION FOR AN OPPORTUNITY OF BEING HEARD

In the matter of the application made under Section¹..... dated..... day of20.....I².....the applicant or the opponent hereby making an application to the Registrar to provide an opportunity of being heard in reference to the above matter. It is requested that the time and place of the hearing by kindly intimated to me in the following address:-

³.....

Dated this.....day of.....20.....

Signature⁴.....

To

The Authority
The Office of the Plant Varieties Registry
At⁵.....

1. Insert particulars such as section No., Form No. and also the name of the applicant making an application for revocation.
2. Name of the person making this notice.
3. Address of the person giving this notice.
4. Signature of person giving the notice or of his agent.
5. State the name of the place of the appropriate office of the Plant Variety Registry.
6. Strike out whichever is not necessary.”.

17. In the principal rules, for the Second Schedule, the following Schedule shall be substituted, namely:--

“SECOND SCHEDULE
(See rule 8)

FEE			
Sl. No.	Fee payable on matters	Amount of fee	Form number
(1)	(2)	(3)	(4)
1.	Conducting tests	1) Depend on the nature and type of test subject to a maximum of Rs.2,00,000/- per entry	---

		2) For On-farm DUS testing, fee shall depend on the location of DUS test sites subject to a maximum of four times of the fee specified for item (1)	
2.	Notice of opposition	Rs.10,000/-	PV3
3.	Counter statement	Rs.2,000/-	PV4
4.	Extension of time	Rs.5,000 /-per month.	PV5
5.	Fees for registration of essentially derived varieties	Individual-Rs.7,000/- Educational-Rs.10,000/- Commercial-Rs.50,000/-	---
6.	Fees for registration of extant variety as notified under section 5 of the Seeds Act, 1966 (54 of 1966)	Rs.2,000/-	---
7.	Fees for registration of any variety of the genera and species other than extant varieties and farmers' varieties as specified in clause (a) of section 14 read with sub-section (2) of section 29 of the Act.	Individual-Rs.7,000/- Educational-Rs.10,000/- Commercial-Rs.50,000/-	---
8.	Fees for registration of a variety about which there is common knowledge i.e., the extant variety as specified under clause (j)(iii) of section 2 of the Act.	Individual-Rs.7,000/- Educational-Rs.10,000/- Commercial-Rs.50,000/-	---
9.	Renewal fee	Individual - Rs. 7,000/- Educational- Rs 10,000/- Commercial - Rs. 80,000/- Per year	PV6
10.	Application for benefit sharing	Rs.10,000/-	PV7
11.	Notice of opposition for benefit sharing	Rs.5,000/-	PV8
12.	Application for registering as agent/licensee	Rs.15,000/-	PV9
13.	Application for variation/cancellation of the terms of registration	Individual-Rs.3,000/- Educational-Rs.5,000/- Commercial-Rs.10,000/-	PV10
14.	Notice of opposition to application for variation/cancellation of terms of registration	Rs.5,000/-	PV11
15.	Application of surrender of certificate of registration of plant variety	Rs.5,000/-	PV 12
16.	Notice of opposition for offer to surrender the certificate	Rs.5,000/-	PV 13
17.	Application to revoke certificate of registration	Rs.20,000/-	PV 15
18.	Notice of opposition to application to revoke certificate of registration	Rs.5,000/-	PV 16
19.	Application for cancellation or change of the certificate of registration of a plant variety	Rs.10,000/-	PV 18

20.	Application for correction in National Plant Variety Register	Rs.10,000/-	PV 19
21.	Notice of opposition for application for correction in National Plant Variety Register	Rs.5,000/-	PV 20
22.	Application for correction in National Plant Variety Register by owner/breeder	Rs.10,000/-	PV 21
23.	Application for correction in National Plant Variety Register by registered agent or licensee	Rs.5,000/-	PV 22
24.	Application to alter denomination of a registered plant variety	Rs.20,000/-	PV 23
25.	Notice of opposition to application to alter denomination of a registered plant variety	Rs.10,000/-	PV 24
26.	Notice of opposition to application for claiming compensation	Rs.5,000/-	PV 26
27.	Notice of opposition to application for claiming compensation	Rs.5,000/-	PV 27
28.	Application for grant of compulsory licence	Rs. 25,000/-	PV 28
29.	Notice of opposition to an application for grant of compulsory licence	Rs.10,000/-	PV 29
30.	Application for revocation of compulsory licence	Rs.10,000/-	PV 30
31.	Notice of opposition for application for revocation of compulsory licence	Rs.5,000/-	PV 31
32.	Request for inspection of entry in Plant Varieties Register under section 84	Rs. 1000/- (per entry)	PV 33
33.	Request for certified copies under section 84	Rs. 500/- per page.	PV 33".

18. In the principal rules, in the Third Schedule, against Form number O-12, for the existing entry under column (3), the following entry shall be substituted, namely:-

“Notice for compensation towards communities’ rights”.

19. In the principal rules, for the Fourth Schedule, the following Schedule shall be substituted, namely:--

“FOURTH SCHEDULE

[See rule 20(1)]

Serial Number.	Name of post.	Number of post.	Equivalent post under the Central Government.	Pay band or grade pay or pay scale.
(1)	(2)	(3)	(4)	(5)
1.	Financial Advisor	1	Director	Pay band-4 (Rs. 37400-67000) with grade pay of Rs. 8700/-.
2.	Legal Advisor	2	Under Secretary	Pay band-3 (Rs. 15600-39100) with grade pay of Rs. 6600/-.
3.	Senior Accounts Officer	1	Under Secretary	Pay band-3 (Rs. 15600-39100) with grade pay of Rs. 6600/-.
4.	Plant Variety Examiner	2	Section Officer	Pay band-3 (Rs. 15600-39100) with grade pay of Rs. 5400/-.

5.	Senior Technical Officer	5	Assistant	Pay band-2 (Rs.9300-34800) with grade Pay of Rs. 4600/-.
6.	Technical Assistant	1	Technical Assistant	Pay band-2 (Rs. 9300-34800) with grade pay of Rs. 4200/-.
7.	Computer Assistant	6	Technical Assistant	Pay band-2 (Rs. 9300-34800) with grade pay of Rs. 4200/-.
8.	Executive Assistant	2	Technical Assistant	Pay band-2(Rs. 9300-34800) with grade pay of Rs.4200/-.

20. In the principal rules, in the Sixth Schedule,-

(a) after paragraph 2 and the entries relating thereto, the following shall be inserted, namely:-

“2A. Principal place of business or domicile of the applicant

_____”.

(b) in the declaration, for the existing endorsing authorities at the end, the following shall be substituted, namely:-

“[(Chairperson/Secretary of the Concerned Panchayat Biodiversity Management Committee OR Concerned District Agricultural Officer OR Director of Research/ Director of Extension of concerned State Agricultural Universities OR Concerned District Tribal Development Office/Zonal Project Director (ICAR) (with Official Rubber Stamp)]”.

[F. No. 1-24/2012-SD.V]

RAJESH KUMAR SINGH, Jt. Secy.

Note:-The principal rules were published in the Gazette of India, Part II, Section 3, Sub-section (i) vide number G.S.R. 738(E), dated the 12th September, 2003 and subsequently amended by the following numbers:- (i) G.S.R. 843(E), dated the 30th December, 2004, (ii) G.S.R. 731(E), dated the 14th October, 2008, (iii) G.S.R. 319(E), dated the 11th May, 2009, (iv) G.S.R. 783(E), dated the 27th October, 2009, (v) G.S.R. 901(E), dated the 17th December, 2009, (vi) G.S.R. 949(E), dated the 3rd December, 2010, (vii) G.S.R. 900(E), dated the 17th December, 2012, (viii) G.S.R. 901(E), dated the 17th December, 2012, (ix) G.S.R. 902(E), dated the 17th December, 2012 and (x) G.S.R. 115(E), dated the 20th February, 2013.

अधिसूचना

नई दिल्ली, 15 जून, 2015

सा.का.नि.495(अ)--केन्द्रीय सरकार पौधा किस्म और कृषक अधिकार संरक्षण अधिनियम, 2001 (2001 का 53) की धारा 39 की उप-धारा (1) के खण्ड (iii) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए पौधा किस्म और कृषक अधिकार संरक्षण (जीन निधि से मान्यता और पुरस्कार) नियम, 2012 का संशोधन करने के लिए निम्नलिखित नियम बनाती है, अर्थात् :-

- संक्षिप्त नाम और प्रारंभ-** (1) इन नियमों का संक्षिप्त नाम पौधा किस्म और कृषक अधिकार संरक्षण (जीन निधि से मान्यता और पुरस्कार) संशोधन नियम, 2015 है।
(2) ये नियम राजपत्र में प्रकाशन की तारीख से प्रवृत्त होंगे।
- पौधा किस्म और कृषक अधिकार संरक्षण (जीन निधि से मान्यता और पुरस्कार) नियम, 2012 (जिनको इसमें इसके पश्चात् उक्त नियम कहा गया है) में नियम 2 के उप-नियम (3) में "एक लाख रूपए नकद" शब्दों के स्थान पर "नकद की ऐसी राशि, जो केन्द्रीय सरकार द्वारा विनिश्चित की जाए" शब्द रखे जाएंगे।
- मूल नियमों के नियम 3 में, उप-नियम (2) में, "प्रशंसा पत्र और स्मृति चिन्ह" शब्दों के स्थान पर "प्रशंसा पत्र, स्मृति चिन्ह और नकद की ऐसी राशि, जो केन्द्रीय सरकार द्वारा विनिश्चित की जाए" शब्द रखे जाएंगे।

[फा. सं 1-24/2012-एसडी.V]

राजेश कुमार सिंह, संयुक्त सचिव

टिप्पण मूल नियम भारत के राजपत्र, भाग-II, खण्ड 3, उपखण्ड(1) में अधिसूचना सा.का.नि.601 (अ) तारीख 31.7.2012 द्वारा प्रकाशित किए गए थे।

NOTIFICATION

New Delhi, the 15th June, 2015

G.S.R. 495(E).— In exercise of the powers conferred by clause (iii) of sub-section (1) of Section 39 of the Protection of Plant Varieties and Farmers' Rights Act, 2001 (53 of 2001) the Central Government hereby makes the following rules to amend the Protection of Plant Varieties and Farmers' Rights (Recognition and Reward from the Gene Fund) Rules, 2012, namely:-

1. **Short title and Commencement** – (1) These Rules may be called Protection of Plant Varieties and Farmers' Rights (Recognition and Reward from the Gene Fund) Amendment Rules, 2015.
(2) They shall come into force on the date of their publication in Official Gazette.
2. In the Plant Varieties and Farmers' Rights (Recognition and Reward from the Gene Fund) Rules, 2012 (hereinafter referred to as the principal rules), in sub-rule (3) of rule 2, for the words “cash of rupees one lakh each”, the words “such an amount of cash as may be decided by the Central Government” shall be substituted.
3. In the sub-rule (2) of rule 3 of the principal rules, for the words “citation and memento”, the words “citation, memento and such an amount of cash as may be decided by the Central Government” shall be substituted.

[F. No. 1-24/2012-SD.V]

RAJESH KUMAR SINGH, Jt. Secy.

Note:-The principal rules were published in the Gazette of India, Part II, Section 3, Sub-section (i) *vide* notification G.S.R. 601(E), dated the 31st July, 2012.

अधिसूचना

नई दिल्ली, 15 जून, 2015

सा.का.नि.496(अ).—पौधा किस्म और कृषक अधिकार संरक्षण अधिनियम, 2001 (2001 का 53) की धारा 95 की उप-धारा (1) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, प्राधिकरण केंद्रीय सरकार के पूर्व अनुमोदन से पौधा किस्म और कृषक अधिकार विनियम, 2006 का और संशोधन करने के लिए निम्नलिखित विनियम बनाता है, अर्थात् :-

1. **संक्षिप्त नाम और प्रारंभ.**— (1) इन विनियमों का संक्षिप्त नाम पौधा किस्म और कृषक अधिकार संरक्षण (संशोधन) विनियम, 2015 है।

(2) ये राजपत्र में प्रकाशन की तारीख से प्रवृत्त होंगे।

2. पौधा किस्म और कृषक अधिकार संरक्षण विनियम, 2006 (जिसे इसके पश्चात् मूल विनियम कहा गया है) में विनियम 3 में, उपविनियम (13) में “राजपत्र या” शब्दों का लोप किया जाएगा।

3. मूल विनियमों में विनियम 4 के स्थान पर निम्नलिखित रखा जाएगा, अर्थात् :-

“(4) **अधिकारिता.**—रजिस्ट्रार की अधिकारिता ऐसी होगी जैसी प्राधिकरण द्वारा समय-समय पर अवधारित की जा सकेगी।”

4. मूल विनियमों में, विनियम 5 में,—

(क) उप-विनियम (1) के स्थान पर निम्नलिखित रखा जाएगा, अर्थात् :-

“(1) कोई व्यक्ति, जिसके पास सिद्ध प्रबंधकीय, विधि या बौद्धिक संपदा अधिकार या कृषि विकास अनुभव हो, प्राधिकरण में रजिस्ट्रार का पद धारण करने का पात्र होगा और तीन वर्ष की अवधि के लिए प्रतिनियुक्ति पर नियुक्त किया जाएगा, जिसे प्रतिवर्ष प्रशासनिक मंत्रालय के अनुमोदन से विस्तारित किया जा सकेगा

और ऐसी प्रतिनियुक्ति की कुल अवधि विस्तारित अवधि सहित पांच वर्ष से अनधिक होगी।”;

(ख) उप-विनियम (2) का लोप किया जाएगा।

5. मूल विनियमों में, विनियम 6 में,—

(क) “सात” शब्द के स्थान पर “दस” शब्द रखा जाएगा ;

- (ख) "एक कृषक प्रतिनिधि" शब्दों के स्थान पर "कृषि विभाग के वीज प्रभाग से एक प्रतिनिधि" शब्द अंतःस्थापित किए जाएंगे ।
6. मूल विनियमों में, प्ररूप 1 और प्ररूप 2 में क्रम सं. 3 के पश्चात् निम्नलिखित क्रम सं. क्रमशः अंतःस्थापित की जाएगी :-

"3(क) कारवार का मुख्य स्थान या आवेदक का अधिवास :

.....

" ।

[फा. सं. 1-24/2012-एसडी.V]

राजेश कुमार सिंह, संयुक्त सचिव

टिप्पण : मूल विनियम, भारत के राजपत्र में सा.का.नि. 740(अ), तारीख 7 दिसंबर, 2006 को प्रकाशित किए गए थे और तत्पश्चात् सा.का.नि. 116(अ) तारीख 20 फरवरी, 2013 द्वारा संशोधित किए गए थे ।

NOTIFICATION

New Delhi, the 15th June, 2015

G.S.R. 496(E).—In exercise of the powers conferred by sub-section (1) of Section 95 of the Protection of Plant Varieties and Farmers' Rights Act, 2001 (53 of 2001), the Authority with the previous approval of the Central Governments, makes the following regulations further to amend the Protection of Plant Varieties and Farmers' Right Regulations, 2006, namely:—

1. **Short title and commencement.**—(1) These Regulations may be called the Protection of Plant Varieties and Farmers' Rights (Amendment) Regulations, 2015.
 (2) They shall come into force on the date of their publication in the Official Gazette.
2. In the Protection of Plant Varieties and Farmers' Rights Regulation, 2006 (hereinafter referred to as the principal regulations), in regulation 3, in sub-regulation (13), the words "Gazette or" shall be omitted.
3. In the principal regulations, for regulation 4, the following regulation shall be substituted, namely:—
 "(4) **Jurisdiction.**- The jurisdiction of the Registrar shall be such as may be determined by the Authority from time to time."
4. In the principal regulations, in regulation 5,
 (a) for sub regulation (1), the following shall be substituted, namely:—
 "(1) A person having proven managerial, legal or Intellectual Property Rights or Agricultural development experience shall be eligible to hold office of Registrar in the Authority and shall be appointed on deputation for a period of three years, which may be extended annually with the approval of the administrative Ministry and the total period of such deputation including the extended period shall not exceed five years."
 (b) sub-regulation (2) shall be omitted.
5. In the principal regulations, in regulation 6, -
 (a) for the word "seven" the word "ten" shall be substituted;
 (b) after the words "one Farmers' Representative", the words "one representative from the Seed Division of Department of Agriculture" shall be inserted.
6. In the principal regulations, in Form I and Form II after serial number 3, the following serial number shall respectively be inserted:-
 "3.(a) Principal place of business or domicile of applicant:

 _____".

[F. No. 1-24/2012-SD.V]
 RAJESH KUMAR SINGH, Jt. Secy.

Note:-The principal regulations were published in the Gazette of India vide number G.S.R. 740(E), dated the 7th December, 2006, and subsequently amended vide number G.S.R. 116(E), dated the 20th February, 2013.

अधिसूचना

नई दिल्ली, 15 जून, 2015

सा.का.नि. 497(अ).—केंद्रीय सरकार, पौधा किस्म और कृषक अधिकार संरक्षण अधिनियम, 2001 (2001 का 53) की धारा 46) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, निम्नलिखित स्कीम की विरचना करती है, अर्थात् :--

अध्याय 1**प्रारंभिक**

1. **संक्षिप्त नाम और प्रारंभ.**— (1) इस स्कीम का संक्षिप्त नाम पौधा किस्म और कृषक अधिकार संरक्षण स्कीम, 2015 है ।
(2) ये राजपत्र में प्रकाशन की तारीख से प्रवृत्त होंगे ।
2. परिभाषाएं.— इन स्कीमों में, जब तक संदर्भ से अन्यथा अपेक्षित न हो,—
(क) "अधिनियम" से पौधा किस्म और कृषक अधिकार संरक्षण अधिनियम, 2001 (2001 का 53) अभिप्रेत है ;
(ख) "स्कीम" से इस अधिनियम के अधीन विरचित स्कीम अभिप्रेत है ;
(ग) "अनुसूची" से स्कीम से उपावद्ध अनुसूची अभिप्रेत है ;
(घ) इस स्कीम में प्रयुक्त समस्त अन्य शब्द और अभिव्यक्तियाँ, जो इस स्कीम में परिभाषित नहीं की गई हैं, परंतु अधिनियम में परिभाषित हैं, के वही अर्थ होंगे, जो उनके अधिनियम में हैं ।
3. दावों का रजिस्ट्रीकरण.— (1) धारा 41 के प्रयोजनों के लिए दावा संबंधित अधिसूचित केंद्र के समक्ष प्रथम अनुसूची के अनुसार तीन प्रतियों में फाइल किया जाएगा ।
(2) संबंधित अधिसूचित केंद्र धारा 41 के अधीन दावे की प्राप्ति पर आवेदक को सूचित करेगा और इसकी एक प्रति प्राधिकारी को अग्रेपित करेगा तथा तत्पश्चात् इसके निष्कर्ष की रिपोर्ट प्राधिकारी को ऐसे दावे की प्राप्ति की तारीख से 30 दिन की अवधि के भीतर करेगा ।
(3) प्राधिकारी, संबंधित अधिसूचित केंद्र से दावे की प्रति की प्राप्ति पर दावा रजिस्ट्रीकृत करेगा, जो दूसरी अनुसूची के अनुसार अनुरक्षित किया जाएगा ।
4. अभिलेखों का अनुरक्षण और रजिस्टर.—(1) प्राधिकारी, संबंधित अधिसूचित केंद्र से रिपोर्ट की प्राप्ति पर और ऐसी जांच तथा रिपोर्ट के अवलोकन पर ऐसे दावे की प्रविष्टि रजिस्टर में करेगा तथा इसको दूसरी अनुसूची के अनुसार अनुरक्षित करेगा ।
(2) दावे से संबंधित सभी दस्तावेज तीन प्रतियों में अनुरक्षित किए जाएंगे ।
5. ऐसे दावों के समाधान में प्राप्त रकमों का उपयोग.—(1) प्राधिकारी द्वारा ऐसे दावों के संबंध में अधिनिर्णीत प्रतिकर का उपयोग समुदाय द्वारा आनुवंशिक संसाधनों के संरक्षण और सतत उपयोग के लिए किया जाएगा जिसके अंतर्गत स्वस्थाने और पूर्व सिटू संग्रहण और ऐसे संरक्षण और सतत उपयोग का कार्यान्वयन करने के लिए पंचायत की सक्षमता को सशक्त बनाना है ।
(2) अधिनिर्णीत प्रतिकर प्राधिकारी द्वारा, यदि आवश्यक हो, समुदाय इसकी पंचायत और जैव विविधता प्रबंधन समिति की मध्य ऊपर उल्लेखित प्रयोजन के लिए ऐसे अनुपात में आवंटित किया जाएगा, जिसे वह उपयुक्त समझे ।
6. संवितरण या आवंटन की प्रक्रिया.—यदि प्रतिकर के संवितरण या आवंटन के मद्दे कोई विवाद उत्पन्न होता हो तो प्राधिकारी उस रीति में अधिनिर्णीत करेगा जिसे वह उपयुक्त समझे ।
7. प्रसुविधा प्राप्ति का उपयोग—प्राधिकारी रजिस्ट्रीकृत प्रजनक द्वारा निक्षिप्त प्रसुविधा प्राप्ति रकम का दस प्रतिशत अलग रखेगा और जिसका उपयोग प्रजनक, खोज या किस्मों के विकास, जिसके संबंध में प्रसुविधा प्राप्ति अवधारित की गई है, में लगे हुए कृषकों की सहायता के लिए करेगा ।
8. लेखों का अनुरक्षण और संपरीक्षा—लेखों का अनुरक्षण और संपरीक्षा भारत के महालेखापरीक्षक द्वारा केंद्रीय स्वायत्त निकायों के लिए यथा-विनिर्दिष्ट होगी ।

प्रथम अनुसूची

[पैरा 3(1) देखें]

धारा 41 के अधीन प्रतिकर के दावे के लिए प्ररूप

सेवा में,

(अधिसूचित केंद्र का नाम और पता)

1.	आवेदक का नाम (साफ अक्षरों में)	
2.	आवेदन की प्रास्थिति	व्यक्ति, व्यक्तियों का समूह, सरकारी, गैर-सरकारी
3.	यदि गैर-सरकारी, तो रजिस्ट्रीकरण के व्यौरे	

4.	आवेदक का डाक पता (पत्राचार के लिए)	
5.	ग्राम या स्थानीय समुदाय का नाम और अवस्थिति	
6.	रजिस्ट्रीकृत प्रजनक, जिसके विरुद्ध दावा फाइल किया गया है, का नाम	
7.	रजिस्ट्रीकृत किस्म, जिसके संबंध में दावा फाइल किया गया है, का नाम	
8.	किस्म के संबंध में ग्राम या स्थानीय समुदाय के योगदान के ब्यौरे (रजिस्ट्रीकृत किस्म के विकास में उपयोग किए जाने हेतु अभिकथित)	
9.	क्या किस्म का अभी भी ग्राम या स्थानीय समुदाय द्वारा संरक्षण किया जा रहा है ? यदि हां, तो ब्यौरे दें।	
10.	क्या ग्राम या स्थानीय समुदाय द्वारा संरक्षित किस्म को लोक जैव विविधता रजिस्टर में स्थान मिला है ?	

घोषणा

ऐसे व्यक्ति का नाम और पता/दूरभाष सं./ई-मेल पता जिसके साथ रजिस्ट्रार, पौधा किस्म और कृषक अधिकार संरक्षण प्राधिकरण पत्राचार कर सकता है :

नाम (साफ अक्षरों में)

डाक पता (पत्राचार के लिए)

ब्लॉक

ग्राम

डाकघर

जिला

राज्य

पिन

दूरभाष (यदि कोई हों)

आवेदन में दी गई जानकारी मेरी सर्वोत्तम जानकारी, सूचना और विश्वास के अनुसार सत्य है।

आवेदक के हस्ताक्षर

प्रमाणित किया जाता है कि इस आवेदन में नामित कृषक ने इस आवेदन प्ररूप में उल्लेखित सामग्री को संरक्षित किया है और उसमें सुधार लाया है।

(संबंधित पंचायत जैव विविधता प्रबंधन समिति के अध्यक्ष/सचिव या संबंधित जिला कृषि अधिकारी या संबंधित राज्य कृषि विश्वविद्यालय के अनुसंधान निदेशक या संबंधित जिला जनजातीय विकास कार्यालय द्वारा प्रमाणित किया जाना है)

(मुहर, हस्ताक्षर तारीख सहित)

टिप्पण :

1. कृपया आवेदन प्ररूप के प्रत्येक पृष्ठ पर हस्ताक्षर करें।
2. कोई आवेदन फीस नहीं है।
3. किसी स्तंभ में ब्यौरे/सूचना के लिए अतिरिक्त पृष्ठ उपाबंध के रूप में संलग्न किए जा सकते हैं।
4. घोषणा संलग्न की जानी है।

दूसरी अनुसूची

[पैरा 3(2) और 4(1) देखें]

धारा 41 के अधीन दावों के रजिस्टर का प्ररूप

क्रम सं.	आवेदक का नाम	ग्राम या स्थानीय समुदाय के व्यौरे	अधिसूचित केंद्र में दावा फाइल करने की तारीख और अधिसूचित केंद्र के व्यौरे	समुदाय की किस्म के व्यौरे, जिसके संबंध में दावा फाइल किया गया है	रजिस्ट्रीकृत किस्म के व्यौरे, जिसके विरुद्ध दावा फाइल किया गया है	रजिस्ट्रीकृत किस्म के प्रजनक के व्यौरे, जिसके विरुद्ध दावा फाइल किया गया है	दावा संख्या और वर्ष
1	2	3	4	5	6	7	8

अधिसूचित केंद्र से दावे की प्राप्ति की तारीख	अधिसूचित केंद्र से जांच रिपोर्ट की प्राप्ति की तारीख	पौधा किस्म और कृषक अधिकार संरक्षण नियम, 2003 की तीसरी अनुसूची के प्ररूपण-12 जारी करने की तारीख	पौधा किस्म और कृषक अधिकार संरक्षण नियम, 2003 की प्रथम अनुसूची के प्ररूप पीवी-27 फाइल करने की तारीख	मुनवाई और उसके परिणाम के व्यौरे	प्रतिकर की रकम	जीन निधि में प्रतिकर का निक्षेप	दावेदार को प्रतिकर प्रदान करने की तारीख
9	10	11	12	13	14	15	16

समुदाय द्वारा प्रतिकर के उपयोग के व्यौरे	दावा रकम के उपयोग/संवितरण संबंधी विवाद के व्यौरे	आवंटन के व्यौरे	प्रजनन के लिए उपयोग, किस्म की खोज का विकास	संपरीक्षा के टिप्पण	अन्य
17	18	19	20	21	22

[फा.सं. 1-24/2012-एसडी.V]

राजेश कुमार सिंह, संयुक्त सचिव

NOTIFICATION

New Delhi, the 15th June, 2015

G.S.R. 497(E). — In exercise of the powers conferred by section 46 of the Protection of Plant Varieties and Farmers' Rights Act, 2001 (53 of 2001), the Central Government hereby frames the following scheme, namely:—

Chapter I**Preliminary**

- Short title and commencement.—(1) This Scheme may be called the Protection of Plant Varieties and Farmers' Rights Scheme, 2015.
(2) They shall come into force on the date of their publication in the Official Gazette.
- Definitions.—In these Schemes, unless the context otherwise requires,—
 - “Act” means the Protection of Plant Varieties and farmers' Rights Act, 2001 (53 of 2001);
 - “Scheme” means the Scheme framed under the Act;
 - “Schedule” means the Schedule annexed to the Schemes;
 - all other words and expressions used, but not defined in this Scheme, but defined in the Act, shall have the meanings respectively assigned to them in the Act.
- Registration of claims.—(1) The claim for purposes of Section 41 shall be filed in triplicate in accordance with the first Schedule before the concerned notified centre.

- (2) The concerned notified centre upon the receipt of the claim under section 41, shall inform the applicant and forward a copy of it to the Authority and thereafter report its findings to the Authority within a period of thirty days from the date of receipt of such claim.
- (3) Upon the receipt of the copy of the claim from the concerned notified centre, the Authority shall register the claim which shall be maintained in accordance with the Second Schedule.
4. Maintenance of records and register.—(1) The Authority upon receipt of the report from the concerned notified centre and upon such enquiry and perusal of the report, enter such claim in the register and maintain it in accordance with the Second Schedule.
- (2) All the documents related to the claim shall be maintained in triplicate.
5. Utilisation of amounts received in satisfaction of such claims.—(1) The compensation awarded by the Authority in respect of such claims shall be utilised by the community for conservation and sustainable use of genetic resources including in situ and ex situ collections and for strengthening the capability of panchayat in carrying out such conservation and sustainable use.
- (2) The compensation awarded shall be apportioned by the Authority, if necessary, between the community, its panchayat and Bio-Diversity Management Committee in the ratio as deemed fit by it, for the purpose mentioned above.
6. Procedure for disbursement or apportionment.—If any dispute arises between disbursement or apportionment of the compensation, the Authority shall adjudicate it in the manner as may be deemed fit by it.
7. Utilisation of benefit sharing.—The Authority shall set-apart ten percent of benefit sharing amount deposited by the registered breeder and shall be utilised for supporting farmers engaged in breeding, discovery or development of varieties in respect of which benefit sharing has been determined.
8. Maintenance and audit of accounts.—The maintenance and audit of accounts shall be as specified by the Comptroller and Auditor-General of India for Central autonomous bodies.

FIRST SCHEDULE

[See paragraph 3(1)]

FORM FOR CLAIM OF COMPENSATION UNDER SECTION 41

To,
(Name and address of notified centre)

1.	Name of the applicant (IN CAPITAL LETTERS)	
2.	Status of the applicant	Persons Group of persons Governmental Non-Governmental
3.	If non-Governmental, then details of registration.	
4.	Postal address of applicant (for correspondence)	
5.	Name and location of the village or local community	
6.	Name of the registered breeder against whom claim is filed.	
7.	Name of registered variety in respect of which claimed is filed.	
8.	Details of contribution of the village or local community in respect of the variety (alleged to be used in the evolution of the registered variety)	
9.	Is the variety still being conserved by the village or local communities? If the answer is yes, give the details	
10.	Whether the variety conserved by the village or local community finds place in People's Bio-diversity Register	

DECLARATION

Name and address/telephone No. /e-mail of the person with whom the Registrar, Protection of Plant Varieties & Farmers' Rights Authority can correspond with:

Name (in block letters) _____

Postal address (for correspondence) _____

Block _____

Village _____
 P.O. _____
 District _____
 State _____
 Pin _____
 Tel. (if any) _____

The information given in the application is true to the best of my knowledge, information and belief.

Signature of the applicant

It is hereby certified that the farmer named in this application has conserved and improved the material mentioned in this application form.

(To be certified by Chairperson/Secretary of the concerned panchayat Bio-diversity Management Committee or concerned District Agricultural Officer or Director of Research of concerned State Agriculture University or Concerned District Tribal Development Office)

(Seal, Sign with date)

- Note: 1. Please sign each page of the application Form.
 2. There is no application fee.
 3. For details/ information in any column, extra pages can be attached as Annexure.
 4. Declaration to be attached.

SECOND SCHEDULE

[See paragraphs 3(2) and 4(1)]

Format of register of claims under section 41

Serial number	Applicants name	Details of village or local community.	Date of filing of claim in notified centre and details of notified centre.	Details of community's variety with respect to which claim is filed.	Details of registered variety against which claim is filed.	Details of breeder of registered variety against which claim is filed.	Claim number and year.
1	2	3	4	5	6	7	8

Date of receipt of claim from notified centre.	Date of receipt of enquiry report from notified centre.	Date of issue of Form O-12 of Third Schedule of Protection of Plant Varieties & Farmers Rights Rules, 2003.	Date of filing of Form PV-27 of First Schedule of PPV&FR Rules 2003.	Details of hearing and its outcome.	Amount of compensation.	Deposit of compensation in the Gene Fund.	Date of grant of compensation to claimant.
9	10	11	12	13	14	15	16

Details of utilisation of compensation by the community.	Details of dispute as to utilisation /disbursal of claim amount.	Details of apportionment.	Utilisation for breeding, discovery of development of varieties.	Comments of audit.	Others.
17	18	19	20	21	22

[F. No. 1-24/2012-SD.V]

RAJESH KUMAR SINGH, Jt. Secy.



भारत का राजपत्र

The Gazette of India

असाधारण

EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii)

PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

सं. 1415]

नई दिल्ली, बृहस्पतिवार, जुलाई 2, 2015/आषाढ़ 11, 1937

No. 1415]

NEW DELHI, THURSDAY, JULY 2, 2015/ASHADHA 11, 1937

कृषि मंत्रालय

(कृषि और सहकारिता विभाग)

अधिसूचना

नई दिल्ली, 2 जुलाई, 2015

का.आ. 1796(अ).—केंद्रीय सरकार, पौधा किस्म और कृषक अधिकार संरक्षण अधिनियम, 2001 (2001 का 53) की धारा 14 के साथ पठित धारा 29 की उपधारा (2) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, उक्त अधिनियम के अधीन रजिस्ट्रीकरण के लिए पात्र निम्नलिखित जाति या प्रजातियां (वर्तमान किस्म और कृषक की किस्में नहीं हैं) अधिसूचित करती है, अर्थात्:—

क्रम सं.	रजिस्ट्रीकरण के लिए पात्र फसल की प्रजातियां	अंग्रेजी में सामान्य नाम	हिन्दी में सामान्य नाम
(1)	(2)	(3)	(4)
1.	जैसमिनम ऑरिकुलेटम एल.	जैसमिन	चमेली
2.	पोलीएथस ट्यूबरोजा एल.	ट्यूबरोज	रजनीगंधा
3.	कैरिका पपाया एल.	पपाया	पपीता
4.	कैलिस्टफस चाइनेसिस (एल.) नीस.	चाइना एस्टर	चाइना एस्टर
5.	पूनस पर्सिका एल. वाट्सव	पीच	आड़ू
6.	पूनस सैलिसिना एल.	जापानीज प्लम	जापानी आलूबुखारा
7.	फ्रेगरिया एक्स अनानसन उच.	स्ट्रॉबेरी	स्ट्रॉबेरी
8.	कैप्सिकम एनम एल.	चिल्ली, बेल पेपर और पैपरिका	मिर्च, शिमला मिर्च और पैपरिका
9.	एल्यूसीन कोराकाना (एल.) गेंडरटन	फिगर मिल्लैट	रागी
10.	सेटेरिया इटालिका (एल.) बियूव	फाक्सटेल मिल्लैट	कंगनी

[फा. सं. 2-9/2008-एसडी.-वी]
राजेश कुमार सिंह, संयुक्त सचिव

MINISTRY OF AGRICULTURE
(Department of Agriculture and Cooperation)
NOTIFICATION

New Delhi, the 2nd July, 2015

S.O. 1796(E).—In exercise of the powers conferred by sub-section (2) of section 29 read with section 14 of the Protection of Plant Varieties and Farmers' Rights Act, 2001 (53 of 2001), the Central Government hereby notifies the following genera or species (not being extant varieties and farmers' varieties) eligible for registration under the said Act, namely:—

S. No.	Crop species eligible for registration	Common Name in English	Common Name in Hindi
(1)	(2)	(3)	(4)
1.	<i>Jasminum auriculatum</i> L.	Jasmine	Chameli
2.	<i>Polianthes tuberosa</i> L.	Tuberose	Rajni gandha
3.	<i>Carica papaya</i> L.	Papaya	Papita
4.	<i>Callistephus chinensis</i> (L.) Nees.	China Aster	China Aster
5.	<i>Prunus persica</i> L. Batsch.	Peach	Aadu
6.	<i>Prunus salicina</i> L.	Japanese Plum	Japani Aalubhukhara
7.	<i>Fragaria x ananasan</i> Duch.	Strawberry	Strawberry
8.	<i>Capsicum annum</i> L.	Chilli, Bell Pepper and Paprika	Mirch, Shimla Mirch and Paprika
9.	<i>Eleusine coracana</i> (L.) Gaertn.	Finger Millet	Ragi
10.	<i>Setaria italica</i> (L.) Beauv	Foxtail Millet	Kangani

[F. No. 2-9/2008-SD.V]

RAJESH KUMAR SINGH, Jt. Secy.

1. Crop wise details of Seed send to DUS Test Centres for the month of June, 2015.

Sl. No.	Reg. No.	Denomination	Category	DUS Canters	Date of sending	Crop
1	Reg/2013/1396	THAKUR KALAI (KATIMAH)	FV	IIPR & ANGRAU	12-Jun-15	Black Gram
2	Reg/2013/1567	UTERA URADA	FV	IIPR & ANGRAU	12-Jun-15	Black Gram
3	Reg/2013/1605	TUDAJU	FV	IIPR & ANGRAU	12-Jun-15	Black Gram
4	Reg/2013/734	KOLOI (SABROOM)	FV	IIPR & ANGRAU	12-Jun-15	Black Gram
5	Reg/2014/1600	Sambhu Urd	FV	IIPR & ANGRAU	12-Jun-15	Black Gram
6	Reg/2014/1603	Puran Urd	FV	IIPR & ANGRAU	12-Jun-15	Black Gram
7	Reg/2014/1605	Kariya Urd	FV	IIPR & ANGRAU	12-Jun-15	Black Gram
8	Reg/2014/1606	Mata Udid	FV	IIPR & ANGRAU	12-Jun-15	Black Gram
9	Reg/2014/2263	KALA URAD	FV	IIPR & ANGRAU	12-Jun-15	Black Gram
10	Reg/2014/2279	RAMBADA	FV	IIPR & ANGRAU	12-Jun-15	Black Gram
11	Reg/2015/228	BAGDAL DESHI UDID	FV	IIPR & ANGRAU	12-Jun-15	Black Gram
12	Reg/2015/71	DESI URAD (SHIULI)	FV	IIPR & ANGRAU	12-Jun-15	Black Gram
13	Reg/2014/1887	DESHI BIRI	FV	IIPR & ANGRAU	12-Jun-15	Black Gram
14	Reg/2014/2244	Hende Rambda	FV	IIPR & ANGRAU	12-Jun-15	Black Gram
15	Reg/2014/1376	Krishna Chana	FV	IIPR &-----	19-Jun-15	Chick Pea
16	Reg/2014/1402	RAM CHANA	FV	IIPR &-----	19-Jun-15	Chick Pea
17	Reg/2014/1944	DESHI CHHOLA	FV	IIPR &-----	19-Jun-15	Chick Pea
18	Reg/2014/2021	DESI	FV	IIPR &-----	19-Jun-15	Chick Pea
19	REG/2014/2228	Bhagatgram-1	FV	IIPR &-----	19-Jun-15	Chick Pea
20	Reg/2015/238	BAGDAL GAURAN CHANA	FV	IIPR &-----	19-Jun-15	Chick Pea
21	Reg/2014/2162	SAHEB CHANA	FV	IIPR &-----	19-Jun-15	Chick Pea
22	Reg/2014/2163	SADABAHAR	FV	IIPR &-----	19-Jun-15	Chick Pea
23	Reg/2014/2164	AWADHI CHANA	FV	IIPR &-----	19-Jun-15	Chick Pea
24	Reg/2014/2123	ROON CHANA	FV	IIPR &-----	19-Jun-15	Chick Pea
25	Reg/2015/32	CHOTA CHANA	FV	IIPR &-----	19-Jun-15	Chick Pea
26	Reg/2010/499	PRCH-31 Bt	EDV	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
27	Reg/2014/465	PC-P661 Bt2	EDV	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
28	Reg/2013/472	NC-91 BG-II	EDV	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
29	Reg/2011/476	NCS-954 Bt2	EDV	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
30	Reg/2013/274	NC-5040/1 BG-II	EDV	CICR Nagpur & MPKV	04-Jun-15	Cotton

				Rahuri		
31	Reg/2010/351	PRCH – 504 Bt 2	EDV	CICR Nagpur & MPKV Rahuri	19-Jun-15	Cotton
32	Reg/2013/222	PSCP-02 BG-II	EDV	CICR Nagpur & MPKV Rahuri	19-Jun-15	Cotton
33	Reg/2013/224	PSCP-04 BG-II	EDV	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
34	Reg/2014/444	PC-P1512 Bt	EDV	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
35	Reg/2014/448	PC-P1512 Bt2	EDV	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
36	Reg/2014/462	PC-P17 Bt2	EDV	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
37	Reg/2014/467	PC-P311 Bt2	EDV	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
38	Reg/2014/475	PC-P621 Bt	EDV	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
39	Reg/2014/474	PC-P621 Bt2	EDV	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
40	Reg/2014/479	PC-P651 Bt2	EDV	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
41	Reg/2014/455	PC-P211 Bt2	EDV	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
42	Reg/2013/189	PCH-4599 BG-II	EDV	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
43	Reg/2013/451	NC-1130 Bt2	EDV	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
44	Reg/2013/463	NC-99 BG-II	EDV	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
45	Reg/2013/85	NC-9007 BG-II	EDV	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
46	Reg/2013/464	NC-102 BG-II	EDV	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
47	Reg/2013/114	NCS-2434 BG-II	EDV	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
48	Reg/2013/273	NC-5040/2 BG-II	EDV	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
49	Reg/2013/739	RUI (SABROOM), (Diploid Cotton)	FV	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
50	Reg/2013/116	NCS-6566 BG-II	New	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
51	Reg/2013/212	PRCH-731 BG-II	New	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton

52	Reg/2013/210	PRCH-739 BGII	New	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
53	Reg/2013/109	NCS-2244 BG-II	New	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
54	Reg/2012/191	JKCH 8906 BG II (JKCH 8906 Double Bt)	New	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
55	Reg/2012/192	JKCH 8905 BG II (JKCH 8905 Double Bt)	New	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
56	Reg/2013/256	ACG-17-II (Ajeet-17 BG-II)	New	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
57	Reg/2013/257	ACG-GMS-14-II (Ajeet-GMS-14-BG-II)	New	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
58	Reg/2013/259	ACG 40-2 BG II (Ajeet-40 BG II)	New	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
59	Reg/2013/261	ACG 15-2 BG II (Ajeet 15 BG II)	New	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
60	Reg/2013/262	ACG-27-2 BG II (Ajeet 27 BG II)	New	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
61	Reg/2013/258	ACG-12-2 BG II (Ajeet-12-BG II)	New	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
62	Reg/2013/255	ACG-16-II (Ajeet 16-II BG-II)	New	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
63	Reg/2014/2111	ACG 41-2-BG-II (Ajeet 41 BGII)	New	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
64	Reg/2014/2112	ACG 42-2-BGII (Ajeet 42 BGII)	New	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
65	Reg/2013/260	ACG GMS-28-II (Ajeet GMS-28 BG-II)	New	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
66	Reg/2014/666	ACH 199-2 BG-II (Ajeet 199 BGII)	New	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
67	Reg/2014/667	ACH 104-2 BG-II (Ajeet 104 BGII)	New	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
68	Reg/2014/1747	CAN 1003 (Roja), (Diploid Cotton)	New	CICR Coimbatore & UAS Dharwad	04-Jun-15	Cotton
69	Reg/2013/263	ACG-26-II (Ajeet-26 BG II)	New	CICR Nagpur & MPKV Rahuri	19-Jun-15	Cotton
70	Reg/2014/769	RHCb-011	New	CICR Nagpur & MPKV Rahuri	19-Jun-15	Cotton
71	Reg/2014/767	RHC-0717	New	CICR Nagpur & MPKV Rahuri	19-Jun-15	Cotton

72	Reg/2014/768	RHH-0622	New	CICR Nagpur & MPKV Rahuri	19-Jun-15	Cotton
73	Reg/2013/110	NCS-1134 BG-II	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
74	Reg/2013/119	NCS-3456 BG-II	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
75	Reg/2013/131	NCS-1024 BG-II	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
76	Reg/2013/230	PRCH-752 BG-11	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
77	Reg/2013/232	PRCH-754 BG-II	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
78	Reg/2013/231	PRCH-753 BG-II	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
79	Reg/2013/205	PRCH-1166 BGII	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
80	Reg/2013/215	PRCH-737 BG-II	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
81	Reg/2014/668	ACH 111-2 BG-II (Ajeet 111 BGII)	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
82	Reg/2012/9	SWCH 5017BGII	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
83	Reg/2014/445	PC-P3812/1 BG-II	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
84	Reg/2014/480	PC-P3812/2 BG-II	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
85	Reg/2013/228	PSCP 34 BG-1	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
86	Reg/2014/1736	KCL-2	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
87	Reg/2014/1741	KCL-7	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
88	Reg/2014/1737	KCL-3	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
89	Reg/2014/1740	KCL-6	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
90	Reg/2014/1738	KCL-4	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
91	Reg/2014/1735	KCL-5	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
92	Reg/2014/1896	KCL-113 Non Bt	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
93	Reg/2014/1897	KCL-285-2 Non Bt	New	CICR Coimbatore &	23-Jun-15	Cotton

				UAS Dharwad		
94	Reg/2014/1739	KCL-8	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
95	Reg/2014/1898	KCS-189 BGII	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
96	Reg/2014/1720	KCL-9	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
97	Reg/2014/1728	KCL-16	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
98	Reg/2014/1718	KCL-15	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
99	Reg/2014/1732	KCL-22	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
100	Reg/2014/1721	KCL-10	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
101	Reg/2014/1724	KCL-13	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
102	Reg/2014/1723	KCL-12	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
103	Reg/2014/1733	KCL-21	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
104	Reg/2014/1727	KCL-17	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
105	Reg/2014/1731	KCL-23	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
106	Reg/2014/1722	KCL-11	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
107	Reg/2014/1719	KCL-18	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
108	Reg/2014/1734	KCL-20	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
109	Reg/2014/1729	KCL-25	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
110	Reg/2014/1725	KCL-14	New	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
111	Reg/2014/1726	KCL-19	New	CICR Coimbatore & UAS Dharwad	30-Jun-15	Cotton
112	Reg/2014/1730	KCL-24	New	CICR Coimbatore & UAS Dharwad	30-Jun-15	Cotton
113	Reg/2014/1895	KCL-41	New	CICR Coimbatore & UAS Dharwad	30-Jun-15	Cotton
114	Reg/2014/1899	KCS-374 BG-II	New	CICR Coimbatore & UAS Dharwad	30-Jun-15	Cotton

115	Reg/2014/913	RC470	New	CICR Coimbatore & UAS Dharwad	30-Jun-15	Cotton
116	Reg/2014/911	RC468	New	CICR Coimbatore & UAS Dharwad	30-Jun-15	Cotton
117	Reg/2014/912	RC469	New	CICR Coimbatore & UAS Dharwad	30-Jun-15	Cotton
118	Reg/2014/910	RC467	New	CICR Coimbatore & UAS Dharwad	30-Jun-15	Cotton
119	Reg/2014/2143	TMC 500040	New	CICR Coimbatore & UAS Dharwad	30-Jun-15	Cotton
120	Reg/2014/2142	TMC 500030	New	CICR Coimbatore & UAS Dharwad	30-Jun-15	Cotton
121	Reg/2014/447	PC-P031 Bt	VCK	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
122	Reg/2014/446	PC-P501	VCK	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
123	Reg/2014/459	PC-P601	VCK	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
124	Reg/2014/454	PC-P 621	VCK	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
125	Reg/2014/478	PC-P 211	VCK	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
126	Reg/2010/350	PRCH-505 Bt2	VCK	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
127	Reg/2014/826	MAHASANGRAM BG II	VCK	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
128	Reg/2014/829	SOLAR 77 BG II	VCK	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
129	Reg/2014/827	SOLAR 56 BG II	VCK	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
130	Reg/2014/830	SOLAR 66 BG II	VCK	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
131	Reg/2014/831	SOLAR 76 BG II	VCK	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
132	Reg/2014/828	SARJU	VCK	CICR Nagpur & MPKV Rahuri	04-Jun-15	Cotton
133	Reg/2010/187	JKC-721	VCK	CICR Nagpur & MPKV Rahuri	19-Jun-15	Cotton
134	Reg/2012/275	PCH-215	VCK	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
135	Reg/2012/283	PCH-135	VCK	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
136	Reg/2009/160	NCS-88 GMS	VCK	CICR Coimbatore &	23-Jun-15	Cotton

				UAS Dharwad		
137	Reg/2009/82	NCS-24	VCK	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
138	Reg/2012/263	FCH-519	VCK	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
139	Reg/2010/513	PCH-22	VCK	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
140	Reg/2014/453	PC-P311	VCK	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
141	Reg/2014/469	PC-P961 Bt2	VCK	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
142	Reg/2014/470	PC-P071 Bt2	VCK	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
143	Reg/2010/531	PSCP-03	VCK	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
144	Reg/2010/519	PSCP-02	VCK	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
145	Reg/2012/261	FC-0707	VCK	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
146	Reg/2010/184	JKC 611	VCK	CICR Coimbatore & UAS Dharwad	23-Jun-15	Cotton
147	Reg/2013/1568	BATARI	FV	MULLaRP IIPR & JNKVV	12-Jun-15	Field Pea
148	Reg/2014/1991	DEHATI MATAR	FV	MULLaRP IIPR & JNKVV	12-Jun-15	Field Pea
149	REG/2014/2229	Bhagat Pea-1	FV	MULLaRP IIPR & JNKVV	12-Jun-15	Field Pea
150	Reg/2015/124	KASHUR KADI	FV	MULLaRP IIPR & JNKVV	12-Jun-15	Field Pea
151	Reg/2014/1892	MATAR	FV	MULLaRP IIPR & JNKVV	12-Jun-15	Field Pea
152	Reg/2014/790	RUMBLE	New	MULLaRP IIPR & JNKVV	12-Jun-15	Field Pea
153	Reg/2012/650	MUCIO	New	MULLaRP IIPR & JNKVV	12-Jun-15	Field Pea
154	Reg/2014/1122	MOONG SEL 225	FV	IIPR & ANGRAU	12-Jun-15	Green Gram
155	Reg/2014/1608	Keshav Moong	FV	IIPR & ANGRAU	12-Jun-15	Green Gram
156	Reg/2014/1884	DESHI MUNG	FV	IIPR & ANGRAU	12-Jun-15	Green Gram
157	Reg/2014/2160	GUNGUN	FV	IIPR & ANGRAU	12-Jun-15	Green Gram
158	Reg/2015/100	MONG KASHMIRI (TURCH)	FV	IIPR & ANGRAU	12-Jun-15	Green Gram
159	Reg/2015/227	UJAALA PEELI MUNG	FV	IIPR & ANGRAU	12-Jun-15	Green Gram
160	Reg/2014/2044	GULABI	FV	DOGR Junagadh & UAS Dharwad	15-Jun-15	Groundnut
161	Reg/2014/731	BUDHRAM BADAM-1	FV	DOGR Junagadh & UAS Dharwad	15-Jun-15	Groundnut
162	Reg/2013/736	RAJMA (SABROOM)	FV	MULLaRP IIPR & IIVR	12-Jun-15	Kidney Bean
163	Reg/2014/1366	Mehta Rajma	FV	MULLaRP IIPR & IIVR	12-Jun-15	Kidney Bean
164	Reg/2014/1367	Palki Rajma	FV	MULLaRP IIPR & IIVR	12-Jun-15	Kidney Bean

165	Reg/2015/31	KANCHAN RAJMA	FV	MULLaRP IIPR & IIVR	12-Jun-15	Kidney Bean
166	Reg/2015/122	MAZ RAZMA	FV	MULLaRP IIPR & VPKAS	12-Jun-15	Kidney Bean
167	Reg/2015/94	THUL RAZMA (SHOOLORA BALA)	FV	MULLaRP IIPR & VPKAS	12-Jun-15	Kidney Bean
168	Reg/2015/95	SAFED RAZMA (BANDAY MOHALLA)	FV	MULLaRP IIPR & VPKAS	12-Jun-15	Kidney Bean
169	Reg/2014/2343	GURAZ RAJMAH	FV	MULLaRP IIPR & VPKAS	12-Jun-15	Kidney Bean
170	Reg/2013/676	MASOR DAL	FV	MULLaRP IIPR & JNKVV	12-Jun-15	Lentil
171	Reg/2014/1935	DESHI MASOOR-2	FV	MULLaRP IIPR & JNKVV	12-Jun-15	Lentil
172	Reg/2014/1948	DESHI MASOOR-1	FV	MULLaRP IIPR & JNKVV	12-Jun-15	Lentil
173	Reg/2014/2043	DESI	FV	MULLaRP IIPR & JNKVV	12-Jun-15	Lentil
174	Reg/2014/2137	CHUTI SUNHARI	FV	MULLaRP IIPR & JNKVV	12-Jun-15	Lentil
175	Reg/2014/2138	CHHOTI MASOOR	FV	MULLaRP IIPR & JNKVV	12-Jun-15	Lentil
176	Reg/2014/2141	ADLIKA	FV	MULLaRP IIPR & JNKVV	12-Jun-15	Lentil
177	Reg/2014/2144	CHHUTAKI MASURI-K	FV	MULLaRP IIPR & JNKVV	12-Jun-15	Lentil
178	Reg/2014/644	MASURI	FV	MULLaRP IIPR & JNKVV	12-Jun-15	Lentil
179	Reg/2015/112	KASHUR MUSUR	FV	MULLaRP IIPR & JNKVV	12-Jun-15	Lentil
180	Reg/2015/125	KIRSEY FOKAR	FV	MULLaRP IIPR & JNKVV	12-Jun-15	Lentil
181	Reg/2015/229	MOTI MASOOR	FV	MULLaRP IIPR & JNKVV	12-Jun-15	Lentil
182	Reg/2015/33	BABANB E MASOOR	FV	MULLaRP IIPR & JNKVV	12-Jun-15	Lentil
183	Reg/2014/832	Local	FV	MULLaRP IIPR & JNKVV	12-Jun-15	Lentil
184	Reg/2013/1659	ALSI BEGARI	FV	AICRP at CSAUAT & JNKVV	12-Jun-15	Linseed
185	Reg/2013/1661	ALSI (DESI) LAMRA	FV	AICRP at CSAUAT & JNKVV	12-Jun-15	Linseed
186	Reg/2014/1121	TISI 206	FV	AICRP at CSAUAT & JNKVV	12-Jun-15	Linseed
187	Reg/2014/2157	SONALI	FV	AICRP at CSAUAT & JNKVV	12-Jun-15	Linseed
188	Reg/2014/2158	CHHOTI TISE	FV	AICRP at CSAUAT & JNKVV	12-Jun-15	Linseed
189	Reg/2014/2159	RUPALI	FV	AICRP at CSAUAT & JNKVV	12-Jun-15	Linseed
190	Reg/2014/623	ALSEE MANGAL	FV	AICRP at CSAUAT & JNKVV	12-Jun-15	Linseed
191	Reg/2015/239	CHAMKI ALSI	FV	AICRP at CSAUAT & JNKVV	12-Jun-15	Linseed
192	Reg/2015/37	PARKAR TISI	FV	AICRP at CSAUAT & JNKVV	12-Jun-15	Linseed
193	Reg/2015/96	MAKAI WAZEJ (TURCH)	FV	DMR & VPKAS	12-Jun-15	Maize
194	Reg/2015/97	WAZEJ MAKAI (BABGUND)	FV	DMR & VPKAS	12-Jun-15	Maize

195	Reg/2015/98	SAFED MAKAI	FV	DMR & VPKAS	12-Jun-15	Maize
196	Reg/2015/111	DOUBLE KHACHAR	FV	DMR & VPKAS	12-Jun-15	Maize
197	Reg/2014/2344	GUREZ LOCAL MAIZE/MEWAR	FV	DMR & VPKAS	12-Jun-15	Maize
198	Reg/2013/1290	KAPSHO	FV	DMR & AAU Kokrajhar Assam	12-Jun-15	Maize
199	Reg/2014/1746	THARATHEI KATIKA	FV	DMR & AAU Kokrajhar Assam	12-Jun-15	Maize
200	Reg/2014/1753	MARENCOMTE	FV	DMR & AAU Kokrajhar Assam	12-Jun-15	Maize
201	Reg/2014/1337	MOTSO	FV	DMR & AAU Kokrajhar Assam	12-Jun-15	Maize
202	Reg/2014/1338	UMOM TSUNGARO	FV	DMR & AAU Kokrajhar Assam	12-Jun-15	Maize
203	Reg/2014/1339	ECHUNGTA TSUNGHARO	FV	DMR & AAU Kokrajhar Assam	12-Jun-15	Maize
204	Reg/2013/1444	PUAKZO-2	FV	DMR & AAU Kokrajhar Assam	16-Jun-15	Maize
205	Reg/2015/237	BAGDAL DESHI BAAJRA	FV	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
206	Reg/2014/1150	86M84	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
207	Reg/2014/1169	86M35	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
208	Reg/2014/1099	86M14	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
209	Reg/2014/1171	M171G	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
210	Reg/2014/1699	Nirmal-4915 (NPH- 4915)	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
211	Reg/2014/1698	Nirmal-4506 (NPH- 4506)	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
212	Reg/2014/1700	NPA-168	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
213	Reg/2014/1701	NPA-84	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
214	Reg/2014/2446	BLPMR 1295	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
215	Reg/2014/1128	LG 12.81	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
216	Reg/2014/1293	NU 3214	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
217	Reg/2014/2419	JKR 06128	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
218	Reg/2010/226	JKMS 401 A	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet

219	Reg/2014/1200	MP 7833	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
220	Reg/2015/270	MP 12P021R	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
221	Reg/2015/81	KBH 3590	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
222	Reg/2015/80	KBH 2191	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
223	Reg/2015/82	KBH 3580	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
224	Reg/2015/210	PM 12P017R	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
225	Reg/2015/271	PM 12 P 1G A	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
226	Reg/2015/301	PMGP 100001A	New	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
227	Reg/2010/224	JKR 11568	VCK	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
228	Reg/2010/225	JKR 4259	VCK	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
229	Reg/2010/227	JKMS 405 A	VCK	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
230	Reg/2015/272	PM12P018R	VCK	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
231	Reg/2015/269	MP 12P015A	VCK	AICPMIP, Jodhpur & MPKV, Rahuri	08-Jun-15	Pearl Millet
232	Reg/2013/1389	GARO MAH	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea
233	Reg/2013/1658	ARHAR ALSI	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea
234	Reg/2013/1660	DESI ARHAR BEGARI	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea
235	Reg/2013/1665	ARHAR GANPAD	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea
236	Reg/2013/1667	ARHAR MANPUR PAHADI	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea
237	Reg/2013/745	LOCAL ARAL	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea
238	Reg/2014/1375	Palki Arhar	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea
239	Reg/2014/1392	RAM ARHAR	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea
240	Reg/2014/1519	SINGHCHOURA ARHAR	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea
241	Reg/2014/1609	Arhar Suryakant	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea
242	Reg/2014/1885	BUMBA TUMUR	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea
243	Reg/2014/622	CHAITA ARHAR	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea
244	Reg/2014/636	MOTA ARHAR KARTIKA	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea
245	Reg/2014/663	PAHADI RAHAR	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea
246	Reg/2014/683	CHAITARI ARHAR	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea

247	Reg/2015/230	KARANJA TUAR	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea
248	Reg/2015/55	CHOTABALI ARHAR	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea
249	Reg/2015/66	AGAHANI	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea
250	Reg/2015/1029	HJP-7	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea
251	Reg/2015/1028	HJP-9	FV	IIPR & PDKV	12-Jun-15	Pigeon Pea
252	Reg/2013/1451	BEHLIANG	FV	IIPR & PDKV	16-Jun-15	Pigeon Pea
253	Reg/2014/1704	NTH-11	New	IIPR & PDKV	12-Jun-15	Pigeon Pea
254	Reg/2014/1703	Nirmal-77 (NTH-77)	New	IIPR & PDKV	12-Jun-15	Pigeon Pea
255	Reg/2014/1705	NTR-17	New	IIPR & PDKV	12-Jun-15	Pigeon Pea
256	Reg/2015/331	Sharbati	FV	DRR & IARI Karnal	02-Jun-15	Rice
257	REG/2014/1331	MOTSO	FV	DRR & ICAR NEH Nagaland	09-Jun-15	Rice
258	REG/2014/1335	SOMPOURO EPHYO	FV	DRR & ICAR NEH Nagaland	09-Jun-15	Rice
259	REG/2014/1332	ZHUTSSOK	FV	DRR & ICAR NEH Nagaland	09-Jun-15	Rice
260	REG/2014/1334	MANYA	FV	DRR & ICAR NEH Nagaland	09-Jun-15	Rice
261	REG/2012/439	GHASRAIZ	FV	DRR & CRRI	09-Jun-15	Rice
262	REG/2012/435	MAJHI JHULLOOR	FV	DRR & CRRI	09-Jun-15	Rice
263	REG/2012/434	NONA	FV	DRR & CRRI	09-Jun-15	Rice
264	REG/2012/438	MALABATI=ORAMETEH	FV	DRR & CRRI	09-Jun-15	Rice
265	REG/2012/447	BALI BHAJNA	FV	DRR & CRRI	09-Jun-15	Rice
266	REG/2012/437	NONA KHIRISH	FV	DRR & CRRI	09-Jun-15	Rice
267	REG/2012/444	KAYA	FV	DRR & CRRI	09-Jun-15	Rice
268	REG/2012/424	AJIRMAN (=AHIRMAN)	FV	DRR & CRRI	09-Jun-15	Rice
269	REG/2012/427	LAL GETU	FV	DRR & CRRI	09-Jun-15	Rice
270	REG/2012/451	SADA GETU	FV	DRR & CRRI	09-Jun-15	Rice
271	REG/2012/450	TAL MUGUR	FV	DRR & CRRI	09-Jun-15	Rice
272	REG/2012/423	KHUDI KHASA	FV	DRR & CRRI	09-Jun-15	Rice
273	REG/2012/441	BOURANI	FV	DRR & CRRI	09-Jun-15	Rice
274	REG/2012/452	MATLA	FV	DRR & CRRI	09-Jun-15	Rice
275	REG/2014/2245	Hambal Pundi Baba	FV	DRR & CRRI	09-Jun-15	Rice
276	REG/2014/2246	Rabal Goda Baba	FV	DRR & CRRI	09-Jun-15	Rice
277	REG/2014/2248	Nana Baba	FV	DRR & CRRI	09-Jun-15	Rice
278	REG/2014/2483	KANAK JEERA	FV	DRR & CRRI	09-Jun-15	Rice
279	REG/2015/581	BASS ZINIA (WADA KOLAM)	FV	DRR & CRRI	09-Jun-15	Rice
280	REG/2014/1590	Lalu Dhan	FV	DRR & CRRI	09-Jun-15	Rice
281	REG/2014/1021	SHYAM JEERA	FV	DRR & CRRI	09-Jun-15	Rice
282	Reg/2015/1162	KAMAD	FV	DRR & IARI Karnal	15-Jun-15	Rice

283	Reg/2015/1163	MUSHK BUDJI	FV	DRR & IARI Karnal	15-Jun-15	Rice
284		NMS-2	FV	ZARS Mandya & RARS Karjat	15-Jun-15	Rice
285		BOTRA	FV	DRR & CRRI	15-Jun-15	Rice
286		GODIKA VERI	FV	DRR & CRRI	15-Jun-15	Rice
287		KRISHNA-1	FV	DRR & CRRI	15-Jun-15	Rice
288		SAPURI	FV	DRR & CRRI	15-Jun-15	Rice
289	Reg/2013/1410	BUH SAKAI	FV	ICAR NEH Nagaland & ICAR NEH Manipur	17-Jun-15	Rice
290	Reg/2013/1428	IDAW-2	FV	ICAR NEH Nagaland & ICAR NEH Manipur	17-Jun-15	Rice
291	Reg/2014/2076	KBA LWAI	FV	ICAR NEH Nagaland & ICAR NEH Manipur	17-Jun-15	Rice
292	Reg/2014/2084	KBA BAH	FV	ICAR NEH Nagaland & ICAR NEH Manipur	17-Jun-15	Rice
293	Reg/2014/2085	BANAKA	FV	ICAR NEH Nagaland & ICAR NEH Manipur	17-Jun-15	Rice
294		SARVAT	FV	ZARS Mandya & RARS Karjat	19-Jun-15	Rice
295	Reg/2014/2033	CR-2829-PLN-99	New	DRR & CRRI	02-Jun-15	Rice
296	Reg/2014/2030	CR-2829-PLN-98	New	DRR & CRRI	02-Jun-15	Rice
297	Reg/2014/2029	CR-2830-PLS-156	New	DRR & CRRI	02-Jun-15	Rice
298	Reg/2014/2031	CR-2829-PLN-32	New	DRR & CRRI	02-Jun-15	Rice
299	Reg/2015/442	HR411128R	New	DRR & CRRI	02-Jun-15	Rice
300	Reg/2015/443	HR411127R	New	DRR & CRRI	02-Jun-15	Rice
301	Reg/2015/444	HR411129R	New	DRR & CRRI	02-Jun-15	Rice
302	Reg/2015/441	HR411126R	New	DRR & CRRI	02-Jun-15	Rice
303	Reg/2014/1289	CR 2829-PLN-116	New	DRR & CRRI	02-Jun-15	Rice
304	Reg/2014/1288	CR 2829-PLN-100	New	DRR & CRRI	02-Jun-15	Rice
305	Reg/2014/202	PR 122	New	DRR & IARI Karnal	02-Jun-15	Rice
306	Reg/2014/203	PR 121	New	DRR & IARI Karnal	02-Jun-15	Rice
307	Reg/2014/201	Punjab Basmati 3	New	DRR & IARI Karnal	02-Jun-15	Rice
308	Reg/2014/1287	CR 2829-PLN-23	New	DRR & CRRI	15-Jun-15	Rice
309	Reg/2015/58	GK-124	New	DRR & TNAU	25-Jun-15	Rice
310	Reg/2015/485	GK-107	New	DRR & TNAU	25-Jun-15	Rice
311	Reg/2015/59	GK-123	New	DRR & TNAU	25-Jun-15	Rice
312	Reg/2015/57	GK-122	New	DRR & TNAU	25-Jun-15	Rice
313	Reg/2015/60	GK-43	New	DRR & TNAU	25-Jun-15	Rice
314	Reg/2015/487	GK-5028	New	DRR & TNAU	25-Jun-15	Rice
315	Reg/2015/493	GK-121	New	DRR & TNAU	25-Jun-15	Rice
316	Reg/2015/490	GK-114	New	DRR & TNAU	25-Jun-15	Rice
317	Reg/2015/486	GK-125	New	DRR & TNAU	25-Jun-15	Rice
318	Reg/2012/236	PRN 36	VCK	DRR & CRRI	02-Jun-15	Rice

319	Reg/2014/1604	SAMLU TIL	FV	AICRP at JNKVV & UAS	12-Jun-15	Sesame
320	Reg/2014/1936	KALO TIL	FV	AICRP at JNKVV & UAS	12-Jun-15	Sesame
321	Reg/2014/635	JATGI(RAM TIL)	FV	AICRP at JNKVV & UAS	12-Jun-15	Sesame
322	Reg/2014/645	TIL KESHA	FV	AICRP at JNKVV & UAS	12-Jun-15	Sesame
323	Reg/2014/2217	BLACK/ UDBHAB	FV	AICRP at JNKVV & UAS	12-Jun-15	Sesame
324	Reg/2015/232	SAFEED TILL	FV	AICRP at JNKVV & UAS	12-Jun-15	Sesame
325	Reg/2013/737	DESI TIL	FV	AICRP at JNKVV & UAS	12-Jun-15	Sesame
326	Reg/2014/1345	BENJUNG	FV	AICRP at JNKVV & UAS	12-Jun-15	Sesame
327	Reg/2014/1766	MARENTE	FV	DSR Indore & VPKAS	12-Jun-15	Soybean
328	Reg/2013/2068	BEKANG	FV	DSR Indore & AICRP (Soybean) Imphal	16-Jun-15	Soybean

2.Crop wise details of Seed send to DUS Test centers for the month of July, 2015.

Sl. No.	Reg. No.	Denomination	Category	DUS Canters	Date of sending	Crop
1	Reg/2014/1376	Krishna Chana	FV	IIPR & MPKV Rahuri	19-06-2015/14 July 2015	Chick Pea
2	Reg/2014/1402	RAM CHANA	FV	IIPR & MPKV Rahuri	19-06-2015/14 July 2015	Chick Pea
3	Reg/2014/1944	DESHI CHHOLA	FV	IIPR & HAU Hisar	19-06-2015/14 July 2015	Chick Pea
4	Reg/2014/2021	DESI	FV	IIPR & HAU Hisar	19-06-2015/14 July 2015	Chick Pea
5	REG/2014/2228	Bhagatgram-1	FV	IIPR & MPKV Rahuri	19-06-2015/14 July 2015	Chick Pea
6	Reg/2015/238	BAGDAL GAURAN CHANA	FV	IIPR & MPKV Rahuri	19-06-2015/14 July 2015	Chick Pea
7	Reg/2014/2162	SAHEB CHANA	FV	IIPR & HAU Hisar	19-06-2015/14 July 2015	Chick Pea
8	Reg/2014/2163	SADABA HAR	FV	IIPR & HAU Hisar	19-06-2015/14 July 2015	Chick Pea
9	Reg/2014/2164	AWADHI CHANA	FV	IIPR & HAU Hisar	19-06-2015/14 July 2015	Chick Pea
10	Reg/2014/2123	ROON CHANA	FV	IIPR & HAU Hisar	19-06-2015/14 July	Chick Pea

					2015	
11	Reg/2015/32	CHOTA CHANA	FV	IIPR & HAU Hisar	19-06-2015/14 July 2015	Chick Pea
12	Reg/2012/688	SARS-1	New	ICAR NEH Nagaland & AAU Assam	09-Jul-15	Rice
13	Reg/2012/689	SARS-6	New	ICAR NEH Nagaland & AAU Assam	09-Jul-15	Rice
14	Reg/2013/1049	SYN-CF-3C384	New	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
15	Reg/2013/488	SYN-CF- H 6016	New	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
16	Reg/2013/508	SYN-CF- H 7008	New	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
17	Reg/2013/509	SYN-CF- H 6041	New	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
18	Reg/2013/1048	SYN-CF-3C327	New	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
19	Reg/2013/1047	SYN-CF-3C325	New	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
20	Reg/2013/1054	SYN-CF-CF 153	New	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
21	Reg/2013/1052	SYN-CF-CF 111	New	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
22	Reg/2013/1051	SYN-CF-3C211	New	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
23	Reg/2013/1050	SYN-CF-3C387	New	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
24	Reg/2013/1045	SYN-CF-3C282	New	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
25	Reg/2013/1046	SYN-CF-3C283	New	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
26	Reg/2013/1041	SYN-CF- H 6067	New	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
27	Reg/2013/1040	SYN-CF- H 6054	New	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
28	Reg/2013/486	SYN-CF- H 6015	New	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
29	Reg/2013/1042	SYN-CF- H 6084	New	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
30	Reg/2013/1055	SYN-CF-CF 158	New	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
31	Reg/2013/487	SYN-CF-H- 1522	VCK	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
32	Reg/2013/1053	SYN-CF- 3C097	VCK	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
33	Reg/2013/1044	SYN-CF- 3C232	VCK	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
34	Reg/2010/469	NCFD-7116	VCK	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
35	Reg/2010/458	White Diamond	VCK	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
36	Reg/2013/292	Pusa Kartik Sankar	VCK	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
37	Reg/2015/40	KANCHAN PHOOL GOBHI	FV	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cauliflower
38	Reg/2011/258	PUSA AGETI	VCK	IIVR Varanasi & IARI N. Delhi	14-Jul-15	Cabbage
39	Reg/2013/484	CHECKMATE	New	IIVR Varanasi & IARI Katrain	14-Jul-15	Cabbage
40	Reg/2013/485	CHARLIE	New	IIVR Varanasi & IARI Katrain	14-Jul-15	Cabbage
41	Reg/2013/495	SYN-OK-YY 179	VCK	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
42	Reg/2013/498	SYN-OK-YY 294	VCK	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
43	Reg/2013/496	SYN-OK-YY 180	VCK	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
44	Reg/2013/497	SYN-OK-YY 231	VCK	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
45	Reg/2013/499	SYN-OK-YY 309	VCK	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra

46	Reg/2013/1079	SYN-OK-YY 181	VCK	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
47	Reg/2013/491	SYN-OK-H 597	VCK	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
48	Reg/2013/493	SYN-OK-H 138	VCK	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
49	Reg/2013/494	SYN-OK-H 152	VCK	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
50	Reg/2013/490	SYN-OK-H 016	VCK	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
51	Reg/2013/1080	SYN-OK-YY 182	VCK	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
52	Reg/2014/909	TMOH 306	VCK	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
53	Reg/2013/924	OK-605	VCK	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
54	Reg/2013/1092	SYN-OK-YY 324	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
55	Reg/2013/1084	SYN-OK-OK 001	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
56	Reg/2013/489	SYN-OK-H 2324	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
57	Reg/2013/492	SYN-OK-H 102	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
58	Reg/2013/502	SYN-OK-YY 335	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
59	Reg/2013/1085,	SYN-OK-OK 002	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
60	Reg/2013/1086,	SYN-OK-OK 007	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
61	Reg/2013/1087,	SYN-OK-OK 010	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
62	Reg/2013/1088	SYN-OK-OK 015	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
63	Reg/2013/1093	SYN-OK-YY 325	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
64	Reg/2013/1075	SYN-OK-H 101	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
65	Reg/2013/1078	SYN-OK-H 113	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
66	Reg/2013/1074	SYN-OK-H 6680	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
67	Reg/2013/1077	SYN-OK-H 109	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
68	Reg/2013/1076	SYN-OK-H 108	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
69	Reg/2013/1073	SYN-OK-H 6679	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
70	Reg/2013/500	SYN-OK-YY 318	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
71	Reg/2013/501,	SYN-OK-YY 334	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
72	Reg/2014/1712	NOL-740	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
73	Reg/2014/1713	NOL-745	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
74	Reg/2014/1714	NOL-729	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
75	Reg/2015/41	BIO-169	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
76	Reg/2015/43	LR-2367	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
77	Reg/2013/468	Samrat	New	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
78	Reg/2014/1878	DESHI BHENRI	FV	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
79	Reg/2014/2145	DIVYA	FV	IIVR Varanasi & IIHR Bangalore	15-Jul-15	Okra
80	Reg/2011/473	NCHB-991 Bt2	EDV	CICR Coimbatore & UAS Dharwad	17-Jul-15	Cotton
81	Reg/2014/477	PC-P 701 Bt	EDV	CICR Coimbatore & UAS Dharwad	17-Jul-15	Cotton
82	Reg/2010/28	NCS-867 Bt2	EDV	CICR Coimbatore & UAS Dharwad	17-Jul-15	Cotton
83	Reg/2013/399	SYN-TO-TBK 1113	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
84	Reg/2013/396	SYN-TO-687	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato

85	Reg/2013/402	SYN-TO-HS 18	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
86	Reg/2013/401	SYN-TO-01462	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
87	Reg/2013/397	SYN-TO-1458	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
88	Reg/2013/398	SYN-TO-1988	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
89	Reg/2013/400	SYN-TO-1359	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
90	Reg/2013/394	SYN-TO- TZ 875	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
91	Reg/2013/406	SYN-TO-ST 1585	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
92	Reg/2013/407	SYN-TO- TZ 426	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
93	Reg/2013/408	SYN-TO- TZ 876	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
94	Reg/2013/389	SYN-TO- IT 571	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
95	Reg/2013/386	SYN-TO- TZ 487	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
96	Reg/2013/392	SYN-TO- TZ 874	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
97	Reg/2013/393	SYN-TO- TZ 467	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
98	Reg/2013/390	SYN-TO- TX 815	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
99	Reg/2013/411	SYN-TO-HS 13	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
100	Reg/2013/1034	SYN-TO-TX 347	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
101	Reg/2013/388	SYN-TO- IT 565	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
102	Reg/2013/719	SYN-TO-TZ 425	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
103	Reg/2013/405	SYN-TO-AVINASH-3	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
104	Reg/2013/403	SYN-TO-037	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
105	Reg/2013/705	SYN-TO-1T 566	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
106	Reg/2013/711	SYN-TO-2T 122	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
107	Reg/2013/710	SYN-TO-2T 121	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
108	Reg/2013/387	SYN-TO-TZ 447	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
109	Reg/2013/1033	SYN-TO-09RR	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
110	Reg/2013/1035	SYN-TO- TX 016	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
111	Reg/2013/1037	SYN-TO- IT 214	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
112	Reg/2013/1036	SYN-TO- 1T 213	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
113	Reg/2013/404	SYN-TO-AVINASH-2	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
114	Reg/2013/391	SYN-TO- ST 1119	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
115	Reg/2010/495	FN-9022	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
116	Reg/2010/474	NTH-0222 or Rambo	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
117	Reg/2010/480	BA-1028	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
118	Reg/2010/491	FN-1902	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
119	Reg/2010/456	FN-9016	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
120	Reg/2010/455	SONA	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
121	Reg/2014/1528	Arka Rakshak (H-241)	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
122	Reg/2014/1455	BSS 1004	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato

123	Reg/2013/412	SYN-TO-1632	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
124	Reg/2013/699	SYN-TO-3038	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
125	Reg/2013/698	SYN-TO-1635	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
126	Reg/2013/700	SYN-TO-485	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
127	Reg/2013/722	SYN-TO- TZ 877	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
128	Reg/2013/385	SYN-TO- TZ 996	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
129	Reg/2013/695	SYN-TO-1757	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
130	Reg/2013/714	SYN-TO-2T 526	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
131	Reg/2013/715	SYN-TO-3T 135	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
132	Reg/2013/708	SYN-TO-2T 022	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
133	Reg/2013/707	SYN-TO-1T 605	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
134	Reg/2013/713	SYN-TO-2T 525	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
135	Reg/2013/712	SYN-TO-2T 343	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
136	Reg/2013/709	SYN-TO-2T 024	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
137	Reg/2013/395	SYN-TO-2T 123	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
138	Reg/2013/723	SYN-TO- TZ 878	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
139	Reg/2013/702	SYN-TO-2342	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
140	Reg/2010/492	BA-1006	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
141	Reg/2010/489	NTM-62	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
142	Reg/2014/1458	KSP 1130	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
143	Reg/2014/1457	KSP 1155	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
144	Reg/2014/1454	KSP 1107	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
145	Reg/2014/1453	KSP 1150	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
146	Reg/2014/1456	KSP 1151	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
147	Reg/2014/1475	Swarna Anmol	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
148	Reg/2014/1518	CHETI TAMATAR	FV	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
149	Reg/2014/2180	NISHI	FV	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
150	Reg/2013/740	SABROOM	FV	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
151	Reg/2014/2146	GULSHAN	FV	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Tomato
152	REG/2015/372	Desi Makka-2	FV	MPUA&T Banswara & MPKV Kolhapur	22-Jul-15	Maize
153	REG/2015/365	Dehati Makka-1	FV	MPUA&T Banswara & MPKV Kolhapur	22-Jul-15	Maize
154	REG/2015/389	Chotki Makka	FV	MPUA&T Banswara & MPKV Kolhapur	22-Jul-15	Maize
155	REG/2015/396	Desi Makka Chota	FV	MPUA&T Banswara & MPKV Kolhapur	22-Jul-15	Maize
156	REG/2015/399	Piyarka Makkai	FV	MPUA&T Banswara & MPKV Kolhapur	22-Jul-15	Maize
157	Reg/2013/291	Pusa Shyamla	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
158	Reg/2013/1070	SYN-EP-AE 213	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
159	Reg/2013/506	SYN-EP-AE 096	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal

160	Reg/2013/503	SYN-EP-H 574	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
161	Reg/2013/505	SYN-EP-HARIT	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
162	Reg/2013/504	SYN-EP-H 1780	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
163	Reg/2013/511	SYN-EP-AE 114	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
164	Reg/2013/510	SYN-EP-AE 107	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
165	Reg/2013/1069	SYN-EP-AE 212	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
166	Reg/2013/1071	SYN-EP-EG 005	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
167	Reg/2013/1061	SYN-EP-AE 105	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
168	Reg/2012/88	NBJ-20	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
169	Reg/2012/94	NBJ-22	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
170	Reg/2014/1447	BSS 866	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
171	Reg/2014/1448	BSS 982	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
172	Reg/2014/1449	BSS 876	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
173	Reg/2014/1450	BSS 1031	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
174	Reg/2014/1451	BSS 794	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
175	Reg/2014/1452	BSS 1030	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
176	Reg/2013/512	SYN-EP-AE 115	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
177	Reg/2014/2421	Ajeet Crown	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
178	Reg/2014/2429	Ajeet -111	VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
179	Reg/2013/1067	SYN-EP-AE 173	New/VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
180	Reg/2013/1066	SYN-EP-AE 162	New/VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
181	Reg/2013/1065	SYN-EP-AE 161	New/VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
182	Reg/2013/1072	SYN-EP-EG 006	New/VCK	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
183	Reg/2014/1716	Nirmal 1001 (NBH-1001)	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
184	Reg/2014/1715	Nirmal 1322 (NBH-1322)	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
185	Reg/2014/1717	Nirmal 1210 (NBH-1210)	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
186	Reg/2013/304	DBHL-20	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
187	Reg/2013/303	DBL-02	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
188	Reg/2013/1058	SYN-EP-H 718	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
189	Reg/2013/1057	SYN-EP-H 1308	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
190	Reg/2013/1056	SYN-EP-H 467	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
191	Reg/2013/1059	SYN-EP-H 1170	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
192	Reg/2014/2424	AEL-114-1	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
193	Reg/2014/2422	AEL- 167	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
194	Reg/2014/2423	AEL-7	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
195	Reg/2014/2427	AEL-172	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
196	Reg/2014/2426	AEL-194	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
197	Reg/2014/2428	Ajeet Commander	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal

198	Reg/2015/134	SBJH-992	New	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
199	REG/2014/1763	KHAVATE	FV	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
200	REG/2013/630	BEGUNG (Panthan)	FV	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
201	REG/2013/631	BENGOONG	FV	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
202	REG/2014/2133	Adresh Round	FV	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
203	REG/2015/35	Mahata Baigan (Desi)	FV	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
204	REG/2015/484	HZKB-1	FV	IIVR Varanasi & IIHR Bangalore	22-Jul-15	Brinjal
205	Reg/2014/1195	LG 52.01	New	DOR Hyd. & TNAU Coimbatore	23-Jul-15	Sunflower
206	Reg/2014/1148	LG 55.01	New	DOR Hyd. & TNAU Coimbatore	23-Jul-15	Sunflower
207	Reg/2014/1149	LG 54.01	New	DOR Hyd. & TNAU Coimbatore	23-Jul-15	Sunflower
208	Reg/2014/2451	LGSF 12060 B	New	DOR Hyd. & TNAU Coimbatore	23-Jul-15	Sunflower
209	Reg/2014/2452	LGSF 12001 B	New	DOR Hyd. & TNAU Coimbatore	23-Jul-15	Sunflower
210	Reg/2014/2453	LGSF 12027 R	New	DOR Hyd. & TNAU Coimbatore	23-Jul-15	Sunflower
211	Reg/2014/2454	LGSF 12097 R	New	DOR Hyd. & TNAU Coimbatore	23-Jul-15	Sunflower
212	Reg/2014/2455	LGSF 12055 R	New	DOR Hyd. & TNAU Coimbatore	23-Jul-15	Sunflower
213	Reg/2014/2456	LGSF 12087 B	New	DOR Hyd. & TNAU Coimbatore	23-Jul-15	Sunflower
214	Reg/2014/2403	GK2020	New	DOR Hyd. & TNAU Coimbatore	23-Jul-15	Sunflower
215	Reg/2014/2493	GK2017	New	DOR Hyd. & TNAU Coimbatore	23-Jul-15	Sunflower
216	Reg/2014/2470	GK2018	New	DOR Hyd. & TNAU Coimbatore	23-Jul-15	Sunflower
217	Reg/2014/2492	GK2016	New	DOR Hyd. & TNAU Coimbatore	23-Jul-15	Sunflower
218	Reg/2014/2494	GK2015	New	DOR Hyd. & TNAU Coimbatore	23-Jul-15	Sunflower
219	Reg/2014/2469	GK2021	New	DOR Hyd. & TNAU Coimbatore	23-Jul-15	Sunflower
220	Reg/2014/2358	GK-2008	New	DOR Hyd. & TNAU Coimbatore	23-Jul-15	Sunflower
221	Reg/2014/2401	GK-2009	New	DOR Hyd. & TNAU Coimbatore	23-Jul-15	Sunflower
222	Reg/2014/2495	GK-2014	New	DOR Hyd. & TNAU Coimbatore	23-Jul-15	Sunflower

PUBLIC NOTICE

Sub: Advertisement is given under sub-section (2) and (3) of Section 21 of the Protection of Plant Varieties and Farmers' Rights Act, 2001 and Rules 30 and 31 of PPV & FR Rules, 2003

It is hereby advertised that the application (s) for registration of varieties listed herein have been accepted subject to the condition of fulfillment of provisions under section 19 of the Act read with Rule 29 of PPV&FR Rules, 2003. The passport data of each variety furnished by the applicant are herewith advertised as specified for calling objections from the interested persons in the matter.

The place or places where the specimen of the variety may be inspected can be obtained in writing from the Registrar of the PPV & FR Authority.

Any person may, within three months from the date of advertisement of the application(s) give notice of opposition in writing to the registration of variety (as per Form PV-3 of the First Schedule of PPV&FR Rules, 2003). Oppositions, if any, to the registration must be submitted, in triplicate, to the Registrar, PPV&FRA, NASC Complex, DPS Marg, New Delhi -110 012 accompanied with the fee of Rs.1,500/- (Rupees One Thousand and Five Hundred Only) by way of Demand Draft drawn in favour of "The Registrar, PPV & FR Authority" payable at New Delhi.

FORM O - 1**(See Rule 30)****Government of India, Plant Varieties Registry
Advertisement of accepted application for registration**

1. Application No.

N8	SB08	10	141
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 filed on **03.06.2010** by **Kaveri Seed Company Limited, #513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad, 500003, A.P.** for a **New Variety** of crop **Sorghum** [*Sorghum bicolor* (L.) Moench] having denomination **KSR 6310**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----
-NA -----on ----- NA -----.

The convention application no. ----NA----, in respect of the said variety has been filed on ----NA-----, in ---NA----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety : **KSR 6310**
Applicant : **Kaveri Seed Company Limited**
Address of the Applicant : #513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad, 500003, A.P.

Nationality of Applicant : Indian

Application details

a. Number

N8	SB08	10	141
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b. Date of receipt

: 03.06.2010

c. Date of acceptance

: --

Crop (Taxonomical Lineage)

: Sorghum [*Sorghum bicolor* (L.) Moench]

Denomination

: KSR 6310

Type of Variety

: New

Classification of Variety

: Typical

Previously proposed

: Not applicable

Denomination

Name of Parental Material

: KSR 582 x KSR 6080

Source of Parental material

: Own germplasm

Name of Reference Varieties

: MS 35-1, CSV 216R.

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Panicle : Shape	Broader in lower part
Caryopsis: Colour after threshing	Yellow orange

B. Distinct Characteristics: KSR 6310 has distinguishing character as Glume colour: Grayed red	
C. Reference variety: MS 35-1 has distinguishing character as Lemma: Glume colour: Grayed orange CSV 216R has distinguishing character as Lemma: Glume colour: Yellow white	
D. Date of commercialization of the variety	--

Photographs: (See Figure 01)

2. Application No.

N16	SB16	10	149
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 filed on **03.06.2010** by **Kaveri Seed Company Limited, #513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad, 500003, A.P.** for a **New Variety** of crop **Sorghum** [*Sorghum bicolor* (L.) Moench] having denomination **KSR 6313**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA -----on ----- NA -----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA----

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety : **KSR 6313**
Applicant : **Kaveri Seed Company Limited**
Address of the Applicant : #513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad, 500003, A.P.

Nationality of Applicant : Indian

Application details

a. Number

N16	SB16	10	149
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b. Date of receipt

: 03.06.2010

c. Date of acceptance

: --

Crop (Taxonomical Lineage)

: Sorghum [*Sorghum bicolor* (L.) Moench]

Denomination

: KSR 6313

Type of Variety

: New

Classification of Variety

: Typical

Previously proposed

: Not applicable

Denomination

Name of Parental Material

: Selfing and Sib matting

Source of Parental material

: Own germplasm

Name of Reference Varieties

: MS 35-1, CSV 216R.

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Panicle : Shape	Broader in lower part
Caryopsis: Colour after threshing	Yellow orange
B. Distinct Characteristics: KSR 6313 has distinguishing character as Stigma: Anthocyanin colouration:	

Absent	
C. Reference variety: MS 35-1 has distinguishing character as Stigma: Anthocyanin colouration: Present. CSV 216R has distinguishing character as Stigma: Anthocyanin colouration: Present.	
D. Date of commercialization of the variety	--

Photographs: (See Figure 02)

3. Application No.

N1	SB03	13	356
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 filed on **03.07.2013** by **M/s Nirmal Seeds Pvt. Ltd., P.O. Box-63, Bhadgaon Road, Pachora-424201, Dist: Jalgaon, M.S.** for a **New Variety** of crop **Sorghum** [*Sorghum bicolor* (L.) Moench] having denomination **Aparna(NSRR-676)**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA -----on ----- NA -----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety : **Aparna (NSRR-676)**
Applicant : **M/s Nirmal Seeds Pvt. Ltd.**
Address of the Applicant : P.O. Box-63, Bhadgaon Road,
Pachora-424201, Dist: Jalgaon, M.S.

Nationality of Applicant : Indian

Application details

a. Number

N1	SB03	13	356
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b. Date of receipt

: 03.07.2013

c. Date of acceptance

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Crop (Taxonomical Lineage) : Sorghum [*Sorghum bicolor* (L.) Moench]

Denomination : Aparna(NSRR-676)

Type of Variety : New Variety

Classification of Variety : Typical

Previously proposed : Not applicable

Denomination

Name of Parental Material : NSRR-662 x NSRR-259

Source of Parental material : Own germplasm

Name of Reference Varieties : MS 35-1, RS 585, AKR354.

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant: Time of panicle emergence (50% of the plants with 50% anthesis)	Late
Caryopsis: Colour after threshing	Greyed white

B. Distinct Characteristics: Aparna(NSRR-676) has distinguishing character as Panicle: Density at maturity (ear head compactness): Semi-compact.	
C. Reference variety: AKR354 has distinguishing character as Panicle: Density at maturity (ear head compactness): Semi-loose.	
D. Date of commercialization of the variety	--

Photographs: (See Figure. 03)

04. Application No.

N36	GH200	09	635
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 filed on 07.12.2009 by **Vibha Agrotech Limited, 501, Suhan Sirisampada, Raj Bhavan Road, Somajiguda, Hyderabad-500082, A.P.** for a **New Variety** of crop **Tetraploid Cotton** [*Gossypium hirsutum* L.] having denomination **VBC 100894 AA** the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA -----on ----- NA -----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA----

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety : **VBC 100894 AA**
Applicant : **Vibha Agrotech Limited.**
Address of the Applicant : **501, Suhan Sirisampada, Raj Bhavan Road, Somajiguda, Hyderabad-500082, A.P.**

Nationality of Applicant : Indian

Application details

N36	GH200	09	635
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a. Number

b. Date of receipt : 07.12.2009

c. Date of acceptance : --

Crop (Taxonomical Lineage) : Tetraploid Cotton [*Gossypium hirsutum* L.]

Denomination : VBC 100894 AA

Type of Variety : New Variety

Classification of Variety : Transgenic

Previously proposed Denomination : Not applicable

Name of Parental Material : VBC 100894 AA x MTC 512 BG II

Source of Parental material : Not Provided

Name of Reference Varieties : JCC-1, Abadita

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Leaf: Shape	Palmate
Flower: Petal colour	Cream
Flower: Pollen colour	Cream
Fibre: Length (2.5% span length)(mm)	Medium long
B. Distinct Characteristics: VBC 100894 AA has distinguishing character as Fibre: Length (2.5 % span length)(mm): Medium Long.	
C. Reference varieties: JCC-1 has distinguishing character as Fibre: Length (2.5 % span length)(mm): Medium.	
D. Date of commercialization of the variety	---

Photographs: (See Figure. 04)

5. Application No.

E1	GH8	11	192
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 filed on 15.03.2011 by **M/s Nirmal Seeds Pvt. Ltd., P.O. Box-63, Bhadgaon Road, Pachora-424201, Dist: Jalgaon, M.S.** for a Extant (Variety of Common Knowledge) of crop **Tetraploid Cotton** [*Gossypium hirsutum* L.] having denomination **NS-222** the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA -----on ----- NA -----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety : **NS-222**
Applicant : **M/s Nirmal Seeds Pvt. Ltd.**
Address of the Applicant : P.O. Box-63, Bhadgaon Road,
Pachora-424201, Dist: Jalgaon, M.S.

Nationality of Applicant : Indian

Application details

a. Number

E1	GH8	11	192
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b. Date of receipt : 15.03.2011
c. Date of acceptance : --
Crop (Taxonomical Lineage) : Tetraploid Cotton [*Gossypium hirsutum* L.]
Denomination : NS-222
Type of Variety : Extant (Variety of Common Knowledge)
Classification of Variety : Typical Variety
Previously proposed Denomination : Not applicable

Name of Parental Material : Supriya x NS-148
Source of Parental material : Own germplasm
Name of Reference Varieties : G. Cot-10, NH-452

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Leaf: Shape	Palmate
Flower: Petal colour	Cream
Flower: Pollen colour	Yellow
B. Distinct Characteristics: NS-222 has distinguishing character as Boll: Prominence of tip: Blunt.	
C. Reference varieties: NH 545, G.Cot-10 has distinguishing character as Boll: Prominence of tip: Pointed.	
D. Date of commercialization of the variety	01.06.2005

Photographs: (See Figure. 05)

6. Application No.

E133	GH161	09	376
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 filed on 22.09.2009 by **M/s Nirmal Seeds Pvt. Ltd., P.O. Box-63, Bhadgaon Road, Pachora-424201, Dist: Jalgaon, M.S.** for a **Extant** (Variety of Common Knowledge) of crop **Tetraploid Cotton** [*Gossypium hirsutum* L.] having denomination **Chandramukhi (NCH-996)** the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA -----on -----
 ----- NA -----

The convention application no. ----NA----, in respect of the said variety has been filed on ----NA-----, in ---NA----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety : **Chandramukhi (NCH-996)**
Applicant : **M/s Nirmal Seeds Pvt. Ltd.**
Address of the Applicant : P.O. Box-63, Bhadgaon Road,
Pachora-424201, Dist: Jalgaon, M.S.

Nationality of Applicant : Indian

Application details

a. Number

E133	GH161	09	376
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b. Date of receipt

: 22.09.2009

c. Date of acceptance

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Crop (Taxonomical Lineage) : Tetraploid Cotton [*Gossypium hirsutum* L.]

Denomination : Chandramukhi (NCH-996)

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid Variety

Previously proposed Denomination : Not applicable

Name of Parental Material : NS-182 x NS-4

Source of Parental material : Own germplasm

Name of Reference Varieties : Laxmi, Sumangala

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Leaf: Shape	Palmate
Flower: Petal colour	Yellow
Flower: Pollen colour	Yellow
Boll: Shape (longitudinal section)	Ovate
Fibre: Length (2.5% span length)(mm)	Long
B. Distinct Characteristics: Chandramukhi (NCH-996) has distinguishing character as Flower: Petal colour: Yellow, Ginning %: Very high and Fibre: Length (2.5 % span length) (mm): Long	

C. Reference varieties: Laxmi and Sumangala have distinguishing character as Ginning %: **Medium**,
 Fibre: Length (2.5 % span length) (mm): **Medium long**
Sumangala has distinguishing character as Flower: Petal colour: **Cream**

D. Date of commercialization of the variety 20.06.2003

Photographs: (See Figure. 06)

7. Application No.

E31	GH99	10	218
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 filed on 26.07.2010 by **DCM Shriram Ltd., 5th Floor Kanchenjunga Building, 18. Barakhamba Road, New Delhi-110001** for a **Extant** (Variety of Common Knowledge) of crop **Tetraploid Cotton** [*Gossypium hirsutum* L.] having denomination **BIO 340-2** the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA -----on ----- NA -----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA----

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety : **BIO 340-2**
Applicant : **DCM Shriram Ltd.**
Address of the Applicant : **5th Floor Kanchenjunga Building,
 18. Barakhamba Road, New Delhi-110001**

Nationality of Applicant : Indian

Application details

E31	GH99	10	218
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a. Number
 b. Date of receipt : 26.07.2010
 c. Date of acceptance : --

Crop (Taxonomical Lineage) : Tetraploid Cotton [*Gossypium hirsutum* L.]

Denomination : BIO 340-2

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Transgenic (Hybrid) Variety

Previously proposed : Not applicable

Denomination

Name of Parental Material : CH00SJM X CH00524
Source of Parental material : Not Provided
Name of Reference Varieties : G Cot 18, NH545

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Leaf: Shape	Palmate
Flower: Petal colour	Cream
Flower: Pollen colour	Cream
Boll: Shape (longitudinal section)	Ovate
Fibre: Length (2.5% span length)(mm)	Long
B. Distinct Characteristics: BIO 340-2 has distinguishing character as Plant: Stem hairiness: Sparse Seed: Index(100 seed wt in gram): Bold	
C. Reference varieties: NH545 has distinguishing character as Plant: Stem hairiness: Medium G.Cot-18 has distinguishing character as Seed: Index(100 seed wt in gram): Small	
D. Date of commercialization of the variety	25.04.2009

Photographs: (See Figure. 07)

8. Application No.

E2	GH6	12	52
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 filed on 16.03.2012 by **M/S Shakti Vardhak Hybrid Seeds Pvt Ltd, Tilak Bazar, Hisar-125001 (Haryana)** for a **Extant** (Variety of Common Knowledge) of crop **Tetraploid Cotton** [*Gossypium hirsutum* L.] having denomination **Su-flum** the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA -----on ----- NA -----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety : **Su-flum**

Applicant : M/S Shakti Vardhak Hybrid Seeds Pvt Ltd.
Address of the Applicant : Tilak Bazar, Hisar-125001 (Haryana)

Nationality of Applicant : Indian

Application details

a. Number

E2	GH6	12	52
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b. Date of receipt

: 16.03.2012

c. Date of acceptance

: --

Crop (Taxonomical Lineage) : Tetraploid Cotton [*Gossypium hirsutum* L.]

Denomination : Su-flum

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Typical Variety

Previously proposed : Not applicable

Denomination

Name of Parental Material : GC-1 x GC 9-1

Source of Parental material : Own germplasm

Name of Reference Varieties : Abadhita, L-604

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Leaf: Shape	Palmate
Flower: Petal colour	Cream
Flower: Pollen colour	Cream
Boll: Shape (longitudinal section)	Ovate
Fibre: Length (2.5% span length)(mm)	Long
B. Distinct Characteristics: Su-flum has distinguishing character as Flower: Time of flowering (50% of Plants with at last one open flower): Medium, Fibre: Length (2.5 % span length)(mm): Long and Fibre: Strength(g/tex): Medium	
C. Reference varieties: Abadhita and L-604 have distinguishing character as Flower: Time of flowering (50% of Plants with at last one open flower): Late, Abadhita has distinguishing character as Fibre: Length (2.5 % span length)(mm): Medium long and Fibre: Strength(g/tex): Weak	
D. Date of commercialization of the variety	12.03.2011

Photographs: (See Figure. 08)

9. Application No.

E1	GH5	12	51
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 filed on 16.03.2012 by **M/S Shakti Vardhak Hybrid Seeds Pvt Ltd, Tilak Bazar, Hisar-125001 (Haryana)** for a **Extant** (Variety of Common Knowledge) of crop **Tetraploid Cotton** [*Gossypium hirsutum* L.] having denomination **Anmol Rattan-8108** the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA -----on ----- NA -----.

The convention application no. ----NA----, in respect of the said variety has been filed on ----NA-----, in ---NA----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety : **Anmol Rattan-8108**
Applicant : **M/S Shakti Vardhak Hybrid Seeds Pvt Ltd.**
Address of the Applicant : **Tilak Bazar, Hisar-125001 (Haryana)**

Nationality of Applicant : Indian

Application details

E1	GH5	12	51
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a. Number
b. Date of receipt : 16.03.2012
c. Date of acceptance : --

Crop (Taxonomical Lineage) : Tetraploid Cotton [*Gossypium hirsutum* L.]

Denomination : Anmol Rattan-8108

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Typical Variety

Previously proposed Denomination : Not applicable

Name of Parental Material : GC-1 x H-1098

Source of Parental material : GC-1 Own germplam & H-1098 from HAU, Hisar,

Name of Reference Varieties : Abadhita, L-604

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Leaf: Shape	Palmate
Flower: Petal colour	Cream
Flower: Pollen colour	Cream

B. Distinct Characteristics: Anmol Rattan-8108 has distinguishing character as Boll: Weight of seed cotton/boll (g): Medium	
C. Reference varieties: L-604 has distinguishing character as Boll: Weight of seed cotton/boll (g): Large	
D. Date of commercialization of the variety	02.04.2009

Photographs: (See Figure. 09)

10. Application No.

E212	GH57	08	288
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 filed on 02.04.2008 by **Rasi Seeds Pvt Ltd, 273, Kamarajanar Road, Attur, Salem (Dt.)-63102, Tamil Nadu** for a **Extant** (Variety of Common Knowledge) of crop **Tetraploid Cotton** [*Gossypium hirsutum* L.] having denomination **RCH 111 Bt** the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA -----on ----- NA -----.

The convention application no. ----NA----, in respect of the said variety has been filed on ----NA----, in ---NA----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety : **RCH 111 Bt**
Applicant : **Rasi Seeds Pvt Ltd.**
Address of the Applicant : **273, Kamarajanar Road, Attur, Salem (Dt.)-636102, Tamil Nadu**

Nationality of Applicant : Indian

Application details

a. Number

E212	GH57	08	288
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b. Date of receipt

: 02.04.2008

c. Date of acceptance

: --

Crop (Taxonomical Lineage) : Tetraploid Cotton [*Gossypium hirsutum* L.]

Denomination : RCH 111 Bt

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Transgenic(Hybrid) Variety

Previously proposed : Not applicable

Denomination

Name of Parental Material : RC 137 Bt X RC 162

Source of Parental material : Not Provided

Name of Reference Varieties : MCU 11, MCU 8

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Leaf: Shape	Palmate
Flower: Pollen colour	Cream
Boll: Shape (longitudinal section)	Ovate
Fibre: Length (2.5% span length)(mm)	Long
B. Distinct Characteristics: RCH 111 Bt has distinguishing character as Fibre: Length (2.5 % span length)(mm): Long	
C. Reference varieties: MCU 11 has distinguishing character as Plant: Stem hairiness: Medium and Fibre: Length (2.5 % span length)(mm): Medium Long	
D. Date of commercialization of the variety	02.06.2006

Photographs: (See Figure.10)

11. Application No.

E129	GH145	09	306
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 filed on 29.06.2009 by **Indo-American Hybrid Seeds (I) Pvt Ltd, Banashankari Kengari Link Road, 7th Kilometer, Channasandra, Post Subramanayapura, Bangalore- 560061, Karnataka** for a **Extant** (Variety of Common Knowledge) of crop **Tetraploid Cotton** [*Gossypium hirsutum* L.] having denomination **INDAM-1** the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA -----on ----- NA -----.

The convention application no. -----NA-----, in respect of the said variety has been filed on -----NA-----, in ---NA-----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety : **INDAM-1**
Applicant : **Indo-American Hybrid Seeds (I) Pvt Ltd.**
Address of the Applicant : **P.B.No. 7099, 7th KM Banashankari Kengari Link Road, Sy.No. 13/4, 14, Channasandra, Rajarajeshwarinagar Post,**

Bengaluru-560098, Karnataka

Nationality of Applicant : Indian

Application details

E129	GH145	09	306
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a. Number

b. Date of receipt : 29.06.2009

c. Date of acceptance : --

Crop (Taxonomical Lineage) : Tetraploid Cotton [*Gossypium hirsutum* L.]

Denomination : INDAM-1

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Transgenic(Hybrid) Variety

Previously proposed Denomination : Not applicable

Name of Parental Material : IACP-38-1-5 x IACP-38-1-25

Source of Parental material : Not Provided

Name of Reference Varieties : Bikaneri Nerma

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Leaf: Shape	Palmate
Flower: Pollen colour	Cream
Boll: Shape (longitudinal section)	Ovate
Fibre: Length (2.5% span length)(mm)	Long
B. Distinct Characteristics: INDAM-1 has distinguishing character as Ginning %: Very high and Fibre: Strength (g/tex) : Medium	
C. Reference varieties: Bikaneri Nerma has distinguishing character as Ginning %: High and Fibre: Strength (g/tex) : Weak	
D. Date of commercialization of the variety	04.05.2005

Photographs: (See Figure. 11)

12. Application No.

E77	PV4	08	89
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filed on 07.01.2008 by **Indian Council**

of Agricultural Research (ICAR), Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110114, India for

a **Extant Variety** of crop **French bean (Kidney bean)** [*Phaseolus vulgaris* L.] having denomination **ARKA**

ANOOP the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA -----on ----- NA -----.

The convention application no. ----NA----, in respect of the said variety has been filed on ----NA----, in ---NA----.

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is **Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.**

Passport data of the variety : ARKA ANOOP
Applicant : Indian Council of Agricultural Research (ICAR)
Address of the Applicant : Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110114, India

Nationality of Applicant : Indian

Application details

a. Number	E77	PV4	08	89
b. Date of receipt	: 07.01.2008			
c. Date of acceptance	: --			

Crop (Taxonomical Lineage) : French bean (Kidney bean) [*Phaseolus vulgaris* L.]

Denomination : ARKA ANOOP

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Typical Variety

Previously proposed Denomination : Not applicable

Name of Parental Material : IHR-220 x Arka Komal 91-17-2-1-4-12-3

Source of Parental material : Not Provided

Name of Reference Varieties : Arka Komal, PDR-14, HUR-15, ipr-96-4, HUR-137

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Time of flowering	Early
Plant: Habit	Determinate
Pod: Colour	Green
B. Distinct Characteristics: ARKA ANOOP has distinguishing character as Flower: Colour of standard petal: White	

C. Reference varieties: Arka Komal has distinguishing character as Flower: Colour of standard petal:
Violet

D. Date of commercialization of the variety	02.03.2006
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Photographs: (See Figure. 12)

**Photographs of candidate varieties notified in Plant Variety Journal of India,
Vol.-09, No.-08, August 03, 2015**

Sorghum /KSR 6310,

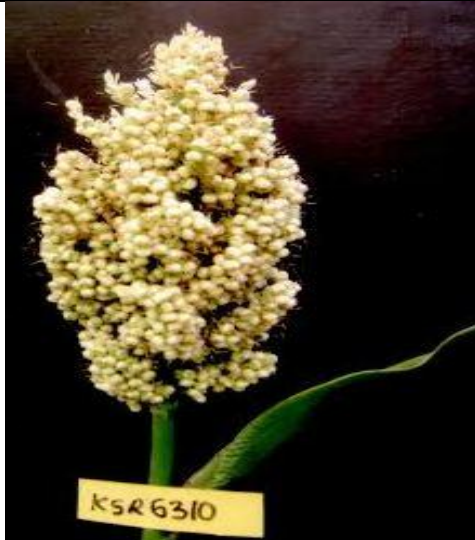


Figure 01. Glume colour: Grayed red

Sorghum / KSR 6313



Figure 02. Stigma: Anthocyanin
colouration: Absent

Sorghum / Aparna(NSRR-676),



Figure 03. Panicle Density at maturity

Tetraploid Cotton /VBC 100894 AA



Figure 04. Gernal view of plant

(ear head compactness): Semi-compact.



Tetraploid Cotton / NS-222



Figure 05. Boll Prominence of tip:
Blunt

Tetraploid Cotton/Chandramukhi (NCH-996)



Figure 06. Flower Petal Colour: Yellow

Tetraploid Cotton / BIO 340-2



Figure 07. General view of Crop

Tetraploid Cotton / Su-flum

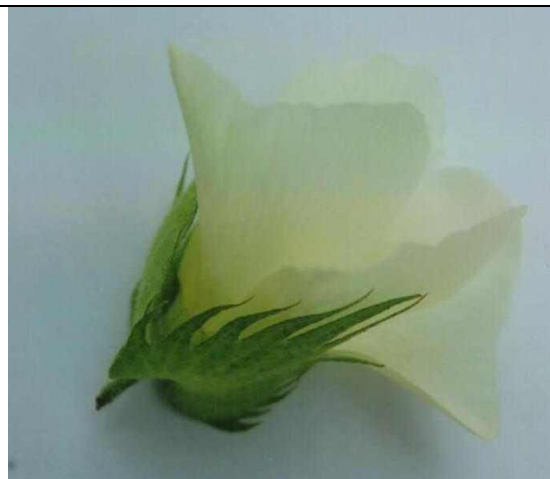


Figure 08. General view of Flower

Tetraploid Cotton /Rattan-8108



Figure 09. General view of Boll

Tetraploid Cotton / RCH 111 Bt

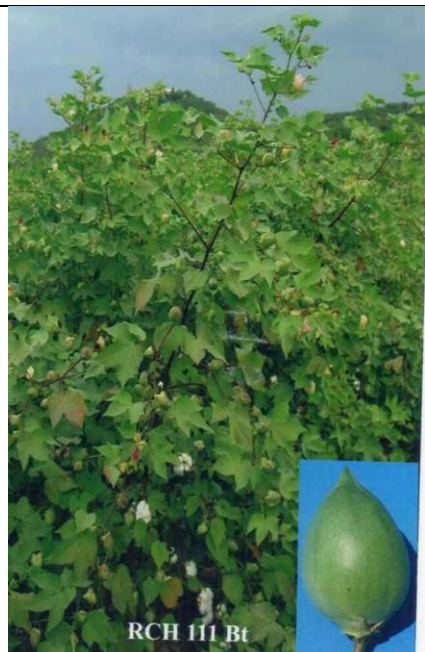


Figure 10. General view of Plant

Tetraploid Cotton / INDAM-1

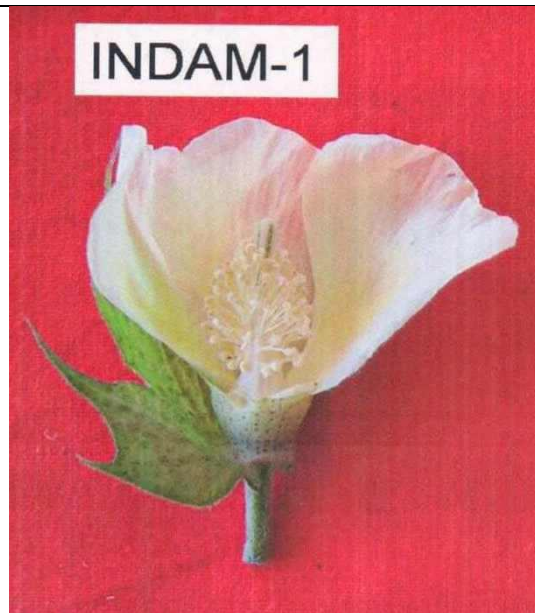


Figure 11. General view of Flower

French bean /ARKA ANOOP



Figure 12. General view of Crop

PUBLIC NOTICE

Details of registration certificate for inviting claims of benefit sharing under sub section 1 of section 26 of PPV&FR Act, 2001 read with rule 40 of PPV&FR Rules, 2003.

The details of registration certificates which have been issued under section 24 (2) of PPV &FR Act, 2001 are published herein for invitation of claims for benefit sharing.

Any person or group of persons, being citizen(s) of India or firm or governmental or non-governmental organization formed or established in India shall submit their claims for benefit sharing (under Section 26 (2) of PPV&FR Act, 2001 read with Rule 41 of PPV&FR Rules, 2003) in Form PV 7 of the First schedule (in triplicate) within a period of six months from the date of publication. Claims for benefit sharing if any shall be submitted to the Registrar, PPV&FR Authority, NASC Complex, DPS Marg, New Delhi-110012 accompanied with the fee of Rs. 5000/- (Rupees Five Thousand Only) by way of Demand Draft drawn in favour of the "Registrar, PPV&FR Authority" payable at New Delhi.

Certificate of Registration No. 401 of 2014

- (1) Registration Number and date of grant:- **401 of 2014 & 7/14/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Dr. Panjabrao Deshmukh Krishi Vidyapeeth,
P.O. Krishinagar, Akola-444104**
- (3) Denomination of the variety:- **PKV SUVARNA (AKDH-5)**
- (4) Name of:
Family: **Malvaceae**
Genus & Species: **Gossypium arboreum**
Variety and common name: **Extant \Hybrid \ Cotton**
- (5) Parentage and geographical location of the variety:-
GAK-423 XKWA-8
- (6) Details of the distinguishing features or the characteristics:-
3-5 leaf size, broad lobe, deep green leaf colour, non-serrated bracts, very high percentage of ginning, medium length of long span, weak bundle strength and medium micronaire.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof. **NA**

Certificate of Registration No. 402 of 2014

- (1) Registration Number and date of grant:- **402 of 2014 & 7/14/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Pioneer Overseas corporation, 5700, Merle Hay Road,
P.O. Box-1014, Johnston, IOWA-50131-1014, USA**
- (3) Denomination of the variety:- **25P25**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Extant (VCK) \Hybrid \ Rice**
- (5) Parentage and geographical location of the variety:-

R818F X R842

(6) Details of the distinguishing features or the characteristics:-

Long panicle main axis

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof. **NA**

Certificate of Registration No. 403 of 2014

(1) Registration Number and date of grant:- **403 of 2014 & 7/14/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-

**Indian Council of Agricultural Research (ICAR),
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001**

(3) Denomination of the variety:- **RS585**

(4) Name of:

Family: **Poaceae**

Genus & Species: **Sorghum bicolor (L.) Moench**

Variety and common name: **Extant (VCK) \Typical \ Sorghum**

(5) Parentage and geographical location of the variety:-

(CS 3541 X M 35-1) X Nandyal Rabi local

(6) Details of the distinguishing features or the characteristics:-

Presence of lemma arista formation, absence of stigma yellow, colouration, semi-loose panicle density at maturity and yellow orange caryopsis color after threshing.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 404 of 2014

- (1) Registration Number and date of grant:- **404 of 2014 & 7/16/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR),
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001**
- (3) Denomination of the variety:- **104 A**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Sorghum bicolor (L.) Moench**

Variety and common name: **Extant (VCK) \Typical \ Sorghum**

- (5) Parentage and geographical location of the variety:-
296B X Swati
- (6) Details of the distinguishing features or the characteristics:-
Semi compact panicle density at maturity (ear head compactness).
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 405 of 2014

- (1) Registration Number and date of grant:- **405 of 2014 & 7/16/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR),
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001**
- (3) Denomination of the variety:- **27 A**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Sorghum bicolor (L.) Moench**

Variety and common name: **Extant (VCK) \Typical \ Sorghum**

- (5) Parentage and geographical location of the variety:-
(CS 3687 X CS 3922)
- (6) Details of the distinguishing features or the characteristics:-
Semi loose panicle density at maturity (ear head compactness).
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 406 of 2014

- (1) Registration Number and date of grant:- **406 of 2014 & 7/16/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Pioneer Overseas corporation, 5700, Merle Hay Road,
P.O. Box-1014, Johnston, IOWA-50131-1014, USA**
- (3) Denomination of the variety:- **27P77**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **New \Hybrid \ Rice**

- (5) Parentage and geographical location of the variety:-
R 834F X R 806
- (6) Details of the distinguishing features or the characteristics:-
Absence of panicle awns, medium decorticated grain width and absence of decorticated grain aroma.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 407 of 2014

- (1) Registration Number and date of grant:- **407 of 2014 & 7/16/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Centromere Biosolutions Pvt. Ltd, 501, Subhan Sirisampada,
Raj Bhavan Road, Somajiguda, Hyderabad-500082, A.P.**
- (3) Denomination of the variety:- **VBCH-1520 BGII**
- (4) Name of:
Family: **Malvaceae**
Genus & Species: **Gossypium hirsutum L.**
- Variety and common name: **New \Transgenic hybrid \ Cotton**
- (5) Parentage and geographical location of the variety:-
VBC-100198AA X VBC-100154
- (6) Details of the distinguishing features or the characteristics:-
Medium fiber length.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 408 of 2014

- (1) Registration Number and date of grant:- **408 of 2014 & 7/16/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Bhima Jani, At- Paluakhalla, Block- Senakhemund,
Dist- Ganjam, State-Odisha**
- (3) Denomination of the variety:- **Ganjam-BASUMATIDHANA**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-

NIL

- (6) Details of the distinguishing features or the characteristics:-
Density of lemma pubescence is medium.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 409 of 2014

- (1) Registration Number and date of grant:- **409 of 2014 & 7/16/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Sarat Ch. Nayak, At- Badangi, Block- Bhanjanagar,
Dist- Ganjam, State-Odisha**
- (3) Denomination of the variety:- **MAYURCHULIA**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Colour leaf auricles and anthocyanin absent in stem node.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 410 of 2014

- (1) Registration Number and date of grant:- **410 of 2014 & 7/16/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Haribol Barik and others, Gabagoda, Block-Bhuban,
Dist- Dhenkanal, State-Odisha**
- (3) Denomination of the variety:- **RUPASALI**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Attitude of flag leaf blade (late observation) is semi-erect and red colour of decorticated grains
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 411 of 2014

- (1) Registration Number and date of grant:- **411 of 2014 & 7/16/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Sanjay Kumar Dandpat and others, At- Sunagadia,
Block- Bisoi, Dist- Mayurbhanja, State-Odisha**
- (3) Denomination of the variety:- **NADALGHANTA**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-

NIL

(6) Details of the distinguishing features or the characteristics:-

Panicle awns absent.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 412 of 2014

(1) Registration Number and date of grant:- **412 of 2014 & 7/16/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-

**Laxmidhar Muduli and others, At- Dina Udharan,
Block- Pipli, Dist- Puri, State-Odisha**

(3) Denomination of the variety:- **JAGABALIA**

(4) Name of:

Family: **Poaceae**

Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-

NIL

(6) Details of the distinguishing features or the characteristics:-

Pubescence of leaf blade surface is strong and purple colour of stigma.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof.

NA

Certificate of Registration No. 413 of 2014

- (1) Registration Number and date of grant:- **413 of 2014 & 7/21/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Nirmal Seeds Private Ltd., P.O. Box-63,
Bhadgaon Road, Pachora-424201, Dist: Jalgaon**
- (3) Denomination of the variety:- **Nirmal-30 (NPH-30)**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **NEW \Hybrid \ Rice**
- (5) Parentage and geographical location of the variety:-
IR-58025 A X NPR-15
- (6) Details of the distinguishing features or the characteristics:-
White spikelet tip of colour of lemma, long slender decorticated grain shape.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 414 of 2014

- (1) Registration Number and date of grant:- **414 of 2014 & 7/21/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR),
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001**
- (3) Denomination of the variety:- **CSH 24 MF**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Sorghum bicolor (L.) Moench**
- Variety and common name: **NEW \Hybrid \ Sorghum**

- (5) Parentage and geographical location of the variety:-
ICSA 467 X UPMC 503 (pant chari 6)
- (6) Details of the distinguishing features or the characteristics:-
Glume colour grayed orange, plant total height very long, panicle density at maturity (ear head compactness) semi loose panicle shape symmetric, semi loose panicle density at maturity (ear head compactness).
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 415 of 2014

- (1) Registration Number and date of grant:- **415 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Mahatma phule krishi vidyapeeth Rahuri,
Rahuri - 413722, Dist- Ahmednagar, Maharashtra**
- (3) Denomination of the variety:- **Phule Anuradha (RSV 458)**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Sorghum bicolor (L.) Moench**

Variety and common name: **Extant \Typical \ Sorghum**
- (5) Parentage and geographical location of the variety:-
RSLG559 X RSLG 1175
- (6) Details of the distinguishing features or the characteristics:-
Grayed purple seedling anthocyanin colouration of coleptile, yellow green leaf midrib colour, medium plant natural height of plant up to base of flag leaf short panicle length of branches semi compact panicle density at maturity, medium glume length, Panicle length,fruly threshable grain threshability, white caryopsis colour after threshing etc.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- NA

(10) If the variety is sold or otherwise disposed of, details thereof: NA

Certificate of Registration No. 416 of 2014

(1) Registration Number and date of grant:- **416 of 2014 & 7/24/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Rahasa Mohapatra and others, At- Nankera,
Block- Kanas, Dist- Puri, State-Odisha**

(3) Denomination of the variety:- **BALIADADHA**

(4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-
NIL

(6) Details of the distinguishing features or the characteristics:-
Panicle awns absent.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof. **NA**

Certificate of Registration No. 417 of 2014

(1) Registration Number and date of grant:- **417 of 2014 & 7/24/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Kapila Pradhan and others, Kumbhibahal,
Block-Pallahara, Dist- Anugul, State-Odisha**

(3) Denomination of the variety:- **Angl-Kumbhibahal-GANJEIJATA**

(4) Name of:

Family: **Poaceae**

Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-

NIL

(6) Details of the distinguishing features or the characteristics:-

Pubescence of leaf blade surface is strong.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 418 of 2014

(1) Registration Number and date of grant:- **418 of 2014 & 7/24/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-

**Jatindra Pradhan, Bhanpure, Block-Narla,
Dist- Kalahandi, State-Odisha**

(3) Denomination of the variety:- **DHALA JEERA**

(4) Name of:

Family: **Poaceae**

Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-

NIL

(6) Details of the distinguishing features or the characteristics:-

White stigma and anthocyanin absent in stem node.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 419 of 2014

(1) Registration Number and date of grant:- **419 of 2014 & 7/24/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Rajesh Dandapat and others, At- Badsiajung,
Block- Tiring, Dist- Mayurbhanja, State-Odisha**

(3) Denomination of the variety:- **BALI BHAJANA-T**

(4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-
NIL

(6) Details of the distinguishing features or the characteristics:-
Density of lemma pubescence is medium and width of decorticated grain is narrow.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof.: **NA**

Certificate of Registration No. 420 of 2014

(1) Registration Number and date of grant:- **420 of 2014 & 7/24/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Sudhakar Swain and others, At- Palashapithia,
Block-Bhuban, Dist- Dhenkanal, State-Odisha**

(3) Denomination of the variety:- **MATIAKHOJA**

(4) Name of:

Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-
NIL

(6) Details of the distinguishing features or the characteristics:-

Density of lemma pubescence is strong anthocyanin present in stem nodes panicle awns absent and red decorticated grains.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 421 of 2014

(1) Registration Number and date of grant:- **421 of 2014 & 7/24/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Phularani Dehury and others, At- Dihadol,
Block-Parjing, Dist- Dhenkanal, State-Odisha**

(3) Denomination of the variety:- **NANHU**

(4) Name of:

Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-
NIL

(6) Details of the distinguishing features or the characteristics:-

Red decorticated grains, attitude of panicle branches is erect to semi-erect and straw colour of sterile lemma.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 422 of 2014

- (1) Registration Number and date of grant:- **422 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Kandia Nayak and others, Dihadol, Block-Parjing,
Dist- Dhenkanal, State-Odisha**
- (3) Denomination of the variety:- **KANAKA CHAMPA**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Attitude of flag leaf blade (late observation) is semi-erect and red colour of decorticated grains.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 423 of 2014

- (1) Registration Number and date of grant:- **423 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Manmohan Dash and others, At- Karagola, Block- Kankadahed,
Dist- Dhenkanal, State-Odisha**
- (3) Denomination of the variety:- **KALACHAMPA-D**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Attitude of panicle branches is erect to semi-erect.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 424 of 2014

- (1) Registration Number and date of grant:- **424 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Parsuram Nayak and others, Jatabal, Block-Papdahandi,
Dist- Nabarangapur, State-Odisha**
- (3) Denomination of the variety:- **N-UMERCHUDI**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-

NIL

(6) Details of the distinguishing features or the characteristics:-

Anthocyanin colour present in stem node and panicle awns absent

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 425 of 2014

(1) Registration Number and date of grant:- **425 of 2014 & 7/24/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-

**Sujit Kumar Behera and others, Kandarasuni, Block-Hindol,
Dist- Dhenkanal, State-Odisha**

(3) Denomination of the variety:- **GUNJIMANIK**

(4) Name of:

Family: **Poaceae**

Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-

NIL

(6) Details of the distinguishing features or the characteristics:-

Length of decorticated grains is medium.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 426 of 2014

- (1) Registration Number and date of grant:- **426 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Purna ch. Parida and others, At- Podanga, Block- Pipli,
Dist- Puri, State-Odisha**
- (3) Denomination of the variety:- **SARASWATI**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Anthocyanin absent in lemma apex, white stigma, anthocyanin present in stem nodes, white colour of lemma tip, panicle awns absent and red decorticated grains
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 427 of 2014

- (1) Registration Number and date of grant:- **427 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Mangalu Jani, At- Paluakhalla, Block- Senakhemund,
Dist- Ganjam, State-Odisha**
- (3) Denomination of the variety:- **JADUMONI**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Flag leaf attitude of blade (late observation) is semi-erect and flag attitude of blade (early observation) is erect.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 428 of 2014

- (1) Registration Number and date of grant:- **428 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Jogi Patra and others, At- Budhibili, Block- Kamakhyanagar,
Dist- Dhenkanal, State-Odisha**

(3) Denomination of the variety:- **KENDERABALI**

(4) Name of:

Family: **Poaceae**

Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-

NIL

(6) Details of the distinguishing features or the characteristics:-

Attitude of flag leaf blade (late observation) is semi-erect and attitude of panicle branches is erect to semi-erect.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 429 of 2014

(1) Registration Number and date of grant:- **429 of 2014 & 7/24/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-

Hadu Dalabehera, At- Kolathigaon, Block- Rangeilunda,

Dist- Ganjam, State-Odisha

(3) Denomination of the variety:- **SRI BALARAMA**

(4) Name of:

Family: **Poaceae**

Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-

NIL

- (6) Details of the distinguishing features or the characteristics:-
Attitude of flag leaf blade (early observation) is erect, length of decorticated grains is medium and width is narrow.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 430 of 2014

- (1) Registration Number and date of grant:- **430 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
Sri Binod Singh and others, Borbhata, Block- M. Rampur, Dist-
Kalahandi, State-Odisha
- (3) Denomination of the variety:- **CHINAMALI-K**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Flag leaf blade (late observation) is semi-erect, and light red decorticated grains.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 431 of 2014

(1) Registration Number and date of grant:- **431 of 2014 & 7/24/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Rajkishor Martha and others, At- Oupada, Block- Delang,
Dist- Puri, State-Odisha**

(3) Denomination of the variety:- **DHOIA BANKOI**

(4) Name of:

Family: **Poaceae**

Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-
NIL

(6) Details of the distinguishing features or the characteristics:-

Flag leaf attitude of blade (late observation) is erect and red decorticated grains.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 432 of 2014

- (1) Registration Number and date of grant:- **432 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Jatindra Prasad Das, Dharamgarh, Block- Dharamgarh,
Dist- Kalahandi, State-Odisha**
- (3) Denomination of the variety:- **SITABHOG**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Red and aromatic decorticated grains
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 433 of 2014

- (1) Registration Number and date of grant:- **433 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Sri B Brundabana, At- Sunareddy, Block- Patrapur,
Dist- Ganjam, State-Odisha**
- (3) Denomination of the variety:- **DHANAREKHA**
- (4) Name of:

Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-

NIL

(6) Details of the distinguishing features or the characteristics:-

Density of lemma pubescence is medium and curvature of panicles main axis is semi-straight.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 434 of 2014

(1) Registration Number and date of grant:- **434 of 2014 & 7/24/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Smt. S. Sarojini Rao, At- Sunapur, Block- Chikiti,
Dist- Ganjam, State-Odisha**

(3) Denomination of the variety:- **DHANASHREE**

(4) Name of:

Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-

NIL

(6) Details of the distinguishing features or the characteristics:-

Attitude of panicles branches is erect to semi-erect

- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 435 of 2014

- (1) Registration Number and date of grant:- **435 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Krushna Ch. Naik, Sargiguda, Block-Jaipatna,
Dist- Kalahandi, State-Odisha**
- (3) Denomination of the variety:- **MALPA**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Attitude of flag leaf (late observation) is semi-erect, and light red decorticated grains.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 436 of 2014

- (1) Registration Number and date of grant:- **436 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Natabara Nayak and others, At- Katapada,
Block- Kanas, Dist- Puri, State-Odisha**
- (3) Denomination of the variety:- **HUNDA**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Anthocyanin absent in stem node and white colour of decorticated grains
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 437 of 2014

- (1) Registration Number and date of grant:- **437 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Rabindra Kumar Bhoi and others, At- Adheisa,
Block- Satabadi, Dist- Puri, State-Odisha**
- (3) Denomination of the variety:- **Puri-CHAMPA-O**

(4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-
NIL

(6) Details of the distinguishing features or the characteristics:-
Panicle awns absent and attitude of panicle branches is erect to semi erect.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 438 of 2014

(1) Registration Number and date of grant:- **438 of 2014 & 7/24/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Narendra Naik and others, At- Birudihi, Block- Baripada,
Dist- Mayurbhanja, State-Odisha**

(3) Denomination of the variety:- **RUKSAL**

(4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-
NIL

- (6) Details of the distinguishing features or the characteristics:-
Anthocyanin colour strong in lemma apex, purple stigma, red lemma tip, panicle awns present and red decorticated grains
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 439 of 2014

- (1) Registration Number and date of grant:- **439 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Prahallad Soura and others, Pandikot, Block- Papdahandi,
Dist- Nabarangapur, State-Odisha**
- (3) Denomination of the variety:- **SAFARI**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Attitude of flag leaf blade (late observation) is semierect and white colour of lemma tip.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 440 of 2014

(1) Registration Number and date of grant:- **440 of 2014 & 7/24/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Kumar Harpal, Nasigaon, Block- Kesinga, Dist- Kalahandi,
State-Odisha**

(3) Denomination of the variety:- **RATAN MALI**

(4) Name of:

Family: **Poaceae**

Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-
NIL

(6) Details of the distinguishing features or the characteristics:-

Attitude of flag leaf blade (late observation) is semi-erect, panicle awns present and red colour of decorticated grains.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof.: **NA**

Certificate of Registration No. 441 of 2014

- (1) Registration Number and date of grant:- **441 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Subash Chandra Sahu and others, Bikrampur, Block- Nabarangapur,
Dist- Nabarangapur, State-Odisha**
- (3) Denomination of the variety:- **BHATAMAKADA**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Density of lemma pubescence is strong and panicle awns absent.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 442 of 2014

- (1) Registration Number and date of grant:- **442 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Alekha Nayak and others, At- Baulpur, Block- Odapada,
Dist- Dhenkanal, State-Odisha**
- (3) Denomination of the variety:- **SARUCHINA**
- (4) Name of:

Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-

NIL

(6) Details of the distinguishing features or the characteristics:-

Flag leaf attitude of blades (late observation) is semi-erect and red decorticated grains.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 443 of 2014

(1) Registration Number and date of grant:- **443 of 2014 & 7/24/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Lingaraja Panigrahi, At- Narayanapatna, Block- Bhanjanagar,
Dist- Ganjam, State-Odisha**

(3) Denomination of the variety:- **SALUGAJA**

(4) Name of:

Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-

NIL

(6) Details of the distinguishing features or the characteristics:-

Pubescence of leaf blade surface is very strong, purple stigma and flag leaf attitude of blade is semi-erect.

- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 444 of 2014

- (1) Registration Number and date of grant:- **444 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Bijay Parida and others, At- Panchukera, Block- Satabadi,
Dist- Puri, State-Odisha**
- (3) Denomination of the variety:- **KHAJARA**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Like flag leaf attitude of blade (late observation) is semi-erect and red decorticated grains
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 445 of 2014

- (1) Registration Number and date of grant:- **445 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Chandra Sekhar Behera and others, At- Bijabandali,
Block- Muniguda, Dist- Raigada, State-Odisha**
- (3) Denomination of the variety:- **LAKSHMIVILASH**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Attitude of flag leaf blade (late observation) is semi-erect and aromatic decorticated grains.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 446 of 2014

- (1) Registration Number and date of grant:- **446 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Lingaraj Parida and others, At- Bolakana, Block- Delanga,
Dist- Puri, State-Odisha**
- (3) Denomination of the variety:- **DHOIA MADHOI**

(4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-
NIL

(6) Details of the distinguishing features or the characteristics:-
Purple colour of stigma and lemma tip and red decorticated grains

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 447 of 2014

(1) Registration Number and date of grant:- **447 of 2014 & 7/24/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
Motilal Sahu, At- Raidandia, Block- Udala, Dist- Mayurbhanja, State-Odisha

(3) Denomination of the variety:- **SALAFULA**

(4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-
NIL

(6) Details of the distinguishing features or the characteristics:-

Panicle awns present

- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 448 of 2014

- (1) Registration Number and date of grant:- **448 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Sanjeeb Mohanta, At- Maitrapur, Block- Badasahi,
Dist- Mayurbhanja, State-Odisha**
- (3) Denomination of the variety:- **LUNA**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Red colour of decorticated grains
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 449 of 2014

- (1) Registration Number and date of grant:- **449 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Ashok Behera, At- Pedasadi, Block- Kaptepada,
Dist- Mayurbhanja, State-Odisha**
- (3) Denomination of the variety:- **KAKIRI**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Red decorticated grains and panicle awns absent
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 450 of 2014

- (1) Registration Number and date of grant:- **450 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Padmalochana Bindhani, At- Pedasadi, Block- Kaptepada,
Dist- Mayurbhanja, State-Odisha**
- (3) Denomination of the variety:- **SARUBHAJANA**

- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Anthocyanin absent in lemma apex, white stigma, anthocyanin absent in stem nodes attitude of flag leaf blade (late observation) is erect, white lemma tip and panicle awns absent.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof.: **NA**

Certificate of Registration No. 451 of 2014

- (1) Registration Number and date of grant:- **451 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Dilip Kumar Behera and others, Rayamohanpur,
Block-Hindol, Dist- Dhenkanal, State-Odisha**
- (3) Denomination of the variety:- **CHAMPANEULI**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Anthocyanin absent in lemma apex, white stigma, anthocyanin absent in stem node, attitude of flag leaf blade is semi-erect, colour of lemma tip is white, panicle awns absent and attitude of panicle branches is erect to semi-erect.

- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 452 of 2014

- (1) Registration Number and date of grant:- **452 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Suratha Sahu, Deopali, Block-Larhanpur,
Dist- Jharsuguda, State-Odisha**
- (3) Denomination of the variety:- **BRAHMANIBARI**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Purple colour of ligule and stigma, anthocyanin absent in stem nodes.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 453 of 2014

- (1) Registration Number and date of grant:- **453 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Dullobho Soura and others, Taragam, Block-Nabarangapur,
Dist- Nabarangapur, State-Odisha**
- (3) Denomination of the variety:- **ICHHABATI**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Purple colour of stigma.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 454 of 2014

- (1) Registration Number and date of grant:- **454 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Daman Marndi and others, At- Kalabadia, Block- Bangriposi,
Dist- Mayurbhanja, State-Odisha**
- (3) Denomination of the variety:- **TAARES**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-

Long panicles main axis and white lemma tip.

- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 455 of 2014

- (1) Registration Number and date of grant:- **455 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Benudhar Sahoo and others, At- Gologadia, Block- Kankadahed,
Dist- Dhenkanal, State-Odisha**
- (3) Denomination of the variety:- **SANKARCHINI**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Density of lemma pubescence is strong, flag leaf attitude of blade is semi-erect and attitude of panicle branches is erect to semi-erect.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 456 of 2014

- (1) Registration Number and date of grant:- **456 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Babrubahan Parida and others, At- Barada, Block- Kanas,
Dist- Puri, State-Odisha**
- (3) Denomination of the variety:- **SANLIMADHOI**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Anthocyanin absent in lemma apex, white stigma, panicle awns absent and red decorticated grains.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 457 of 2014

- (1) Registration Number and date of grant:- **457 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Hrushu Majhi and others, Laktakhaman, Block- Langigarh,
Dist- Kalahandi, State-Odisha**
- (3) Denomination of the variety:- **K- Langigarh-MAHIPAL**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-

NIL

- (6) Details of the distinguishing features or the characteristics:-
Red colour of decorticated grains.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 458 of 2014

- (1) Registration Number and date of grant:- **458 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Deepak Kumar Choudhury, At- Mallaharpad,
Block- Khanto, Dist- Mayurbhanja, State-Odisha**
- (3) Denomination of the variety:- **NALIKALAMA**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Attitude of flag leaf blade (late observation) is semi-erect and panicle awns absent.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 459 of 2014

- (1) Registration Number and date of grant:- **459 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Sunaram Murmu and others, At- Andhari, Block- Rasagobindapur,
Dist- Mayurbhanja, State-Odisha**
- (3) Denomination of the variety:- **PAHAD BHANGA**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Panicle awns present and medium anylose content in endosperm.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 460 of 2014

- (1) Registration Number and date of grant:- **460 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Modan Gouda, At- Gopalpur, Block- Soroda,
Dist- Ganjam, State-Odisha**
- (3) Denomination of the variety:- **GANGABALI**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL

- (6) Details of the distinguishing features or the characteristics:-
Panicle awns absent attitude of panicle branches is erect to semi-erect, well exerted panicle and short and aromatic decorticated grains.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 461 of 2014

- (1) Registration Number and date of grant:- **461 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Dilip Behera and others, At- Karagola,
P.S. Kankadahad, Dist- Dhenkanal, State-Odisha**
- (3) Denomination of the variety:- **LABANGALATA**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Curvature of panicle main axis is semi straight and length of decorticated grain is medium.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 462 of 2014

- (1) Registration Number and date of grant:- **462 of 2014 & 7/24/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Parbat Chhatra, Sargul malpada, Block-Karlamunda,
Dist- Kalahandi, State-Odisha**
- (3) Denomination of the variety:- **GETHU-K**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Density of lemma pubescence is medium.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 463 of 2014

- (1) Registration Number and date of grant:- **463 of 2014 & 7/31/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR), Krishi Bhawan,
Dr. Rajendra Prasad Road, New Delhi-110001**
- (3) Denomination of the variety:- **INDORE 12**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Sorghum bicolor (L.) Moench**
- Variety and common name: **Extant (VCK) \Typical \ Sorghum**
- (5) Parentage and geographical location of the variety:-

SSV53 XSPV 475-7-1-1-1

- (6) Details of the distinguishing features or the characteristics:-
Absence of anthocynin colouration in stigma and absence of yellow colouration in stigma.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 464 of 2014

- (1) Registration Number and date of grant:- **464 of 2014 & 7/31/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR),
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001**
- (3) Denomination of the variety:- **MS 7A**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Sorghum bicolor (L.) Moench**
- Variety and common name: **Extant (VCK) \Typical \ Sorghum**
- (5) Parentage and geographical location of the variety:-
AKMS 14A [CMR760 X BT632] x AKMS2B]
- (6) Details of the distinguishing features or the characteristics:-
Medium panicle emergence (50% of the plants with 50% anthesis) and medium plant total height.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 465 of 2014

- (1) Registration Number and date of grant:- **465 of 2014 & 7/31/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR),
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001**
- (3) Denomination of the variety:- **27B**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Sorghum bicolor (L.) Moench**
Variety and common name: **Extant (VCK) \Typical \ Sorghum**
- (5) Parentage and geographical location of the variety:-
83Bx199B
- (6) Details of the distinguishing features or the characteristics:-
Semi loose panicle density at maturity (ear head compactness).
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 466 of 2014

- (1) Registration Number and date of grant:- **466 of 2014 & 7/31/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Navbharat Seeds Pvt. Ltd., 1st Floor, Vasukanan,
Opp. Gujarat Vidyapeeth, Ashram Road, Ahmedabad-380014, Gujarat**
- (3) Denomination of the variety:- **NBCH-206**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Ricinus communis L.**

Variety and common name: **Extant (VCK) \Hybrid \ Castor**
- (5) Parentage and geographical location of the variety:-

NF-1 & CM-65

- (6) Details of the distinguishing features or the characteristics:-
Dense spininess of capsule.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 467 of 2014

- (1) Registration Number and date of grant:- **467 of 2014 & 8/1/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR),
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001**
- (3) Denomination of the variety:- **TLG-45**
- (4) Name of:
Family: **Fabaceae**
Genus & Species: **Arachis hypogaea L.**
- Variety and common name: **Extant \Typical \ Groundnut**
- (5) Parentage and geographical location of the variety:-
TG 19X IAG24
- (6) Details of the distinguishing features or the characteristics:-
Semi-spreading plant growth habit, medium leaf lot size and absent fresh seed dormancy.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 468 of 2014

- (1) Registration Number and date of grant:- **468 of 2014 & 8/1/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR),
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001**
- (3) Denomination of the variety:- **104 B**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Sorghum bicolor (L.) Moench**

Variety and common name: **Extant (VCK) \Typical \ Sorghum**
- (5) Parentage and geographical location of the variety:-
296 A x Swati
- (6) Details of the distinguishing features or the characteristics:-
Semi compact panicle density at the maturity.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 469 of 2014

- (1) Registration Number and date of grant:- **469 of 2014 & 8/1/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR),
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001**
- (3) Denomination of the variety:- **GG-21 (JSSP 15)**
- (4) Name of:
Family: **Fabaceae**
Genus & Species: **Arachis hypogaea L.**

Variety and common name: **Extant \Typical \ Groundnut**

(5) Parentage and geographical location of the variety:-

Somnath X NCAC-2232

(6) Details of the distinguishing features or the characteristics:-

Medium leaflet size, dark green leaflet colour, alternate flower arrangement on side branches, simple inflorescence, medium pod constriction, medium pod reticulation, shredded pod numbers of kernels, spheroid kernel shape, high kernel weight of 100 kernels, Medium pod shelling percentage, high kernel oil percentage and medium time of maturity.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 470 of 2014

(1) Registration Number and date of grant:- **470 of 2014 & 8/1/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-

**Indian Council of Agricultural Research (ICAR),
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001**

(3) Denomination of the variety:- **AKR 354**

(4) Name of:

Family: **Poaceae**

Genus & Species: **Sorghum bicolor (L.) Moench**

Variety and common name: **Extant (VCK) \Typical \ Sorghum**

(5) Parentage and geographical location of the variety:-

[SPV 504(20KR) xSPV 504 XR 263] xR67-4

(6) Details of the distinguishing features or the characteristics:-

Symmetric panicle shape and yellow white caryopsis colour after threshing.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 471 of 2014

(1) Registration Number and date of grant:- **471 of 2014 & 8/1/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR),
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001**

(3) Denomination of the variety:- **Varshadhan (CRLC-899) (IET-16481)**

(4) Name of:

Family: **Poaceae**

Genus & Species: **Oryza sativa L.**

Variety and common name: **Extant \Typical \ Rice**

(5) Parentage and geographical location of the variety:-

IR 31 432-8-3-2/ IR 31406-3-3-3-1 II IR 26940-3-3-3-1

(6) Details of the distinguishing features or the characteristics:-

Very late time of heading, long stem length, brown furrow on straw colour and long bold decorticated grain shape.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 472 of 2014

(1) Registration Number and date of grant:- **472 of 2014 & 8/1/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR),
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001**

(3) Denomination of the variety:- **MS7B**

(4) Name of:

Family: **Poaceae**

Genus & Species: **Sorghum bicolor (L.) Moench**

Variety and common name: **Extant (VCK) \Typical \ Sorghum**

(5) Parentage and geographical location of the variety:-

AKMS 14B(MR 760 x BT 632) x AKMS 2B

(6) Details of the distinguishing features or the characteristics:-

Early of panicle emergence (50% of the plant with 50% anthesis).

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof.: **NA**

Certificate of Registration No. 473 of 2014

(1) Registration Number and date of grant:- **473 of 2014 & 8/1/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-

**Nuziveedu Seeds Limited, Survey No. 69, Gundlapochampally
(Vill. & Panchayat), Medchal-Mandal, Rangareddy- Dist, AP-501401**

(3) Denomination of the variety:- **Karishma NP111**

(4) Name of:

Family: **Poaceae**

Genus & Species: **Oryza sativa L.**

Variety and common name: **Extant (VCK) \Typical \ Rice**

(5) Parentage and geographical location of the variety:-

PRN-45 x PRN-47

(6) Details of the distinguishing features or the characteristics:-

Presence of aroma in decorticated grain.

- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 474 of 2014

- (1) Registration Number and date of grant:- **474 of 2014 & 8/1/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Krishidhan Seeds Private Limited, D3 to D6,
Additional MIDC Area, Aurangabad Road, Jalna-431203,
Maharashtra**
- (3) Denomination of the variety:- **Silky-277**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Extant (VCK) \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
KSL-17-18 xSPS-19-3
- (6) Details of the distinguishing features or the characteristics:-
Strong pubescence on leaf surface, medium days to 50 % flowering, very short plant height excluding panicle, mostly exerted panicle, medium slender grain shape, medium grain length and medium days to maturity
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 475 of 2014

- (1) Registration Number and date of grant:- **475 of 2014 & 8/4/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Sudhir Palatasingh and others, At- Kakharubasta,
Block- Kanas, Dist- Puri, State-Odisha**
- (3) Denomination of the variety:- **KANIAR**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Flag leaf attitude of blade (late observation) is semi-erect, panicle awns present and red decorticated grains.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 476 of 2014

- (1) Registration Number and date of grant:- **476 of 2014 & 8/4/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Subash Nayak, At- Talapada, Block- Badasahi,
Dist- Mayurbhanja, State-Odisha**
- (3) Denomination of the variety:- **PANIROHI**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-

NIL

(6) Details of the distinguishing features or the characteristics:-

Red decorticated grains.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 477 of 2014

(1) Registration Number and date of grant:- **477 of 2014 & 8/4/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Sri Dhanurjaya Behera, Dhanshli, Block-Jaipatna,
Dist- Kalahandi, State-Odisha**

(3) Denomination of the variety:- **MOHAN BHOG**

(4) Name of:

Family: **Poaceae**

Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-

NIL

(6) Details of the distinguishing features or the characteristics:-

Green basal leaf sheath, anthocyanin absent in lemma apex, white colour of stigma, anthocyanin absent in stem node white lemma tip and aromatic decorticated grains.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 478 of 2014

- (1) Registration Number and date of grant:- **478 of 2014 & 8/4/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Bhaskar Pati, At- Bamkoi, Block- Patrapur,
Dist- Ganjam, State-Odisha**
- (3) Denomination of the variety:- **Ganjam-TULASIBASA**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Anthocyanin absent in stem nodes, black lemma tip, attitude of panicle branches is erect to semi-erect, purple colour of lemma and width of decorticated grains is medium.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 479 of 2014

- (1) Registration Number and date of grant:- **479 of 2014 & 8/4/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Sarat Ch. Behera and others, At- Budhibili,
Block- Kamakhyanagar, Dist- Dhenkanal, State-Odisha**
- (3) Denomination of the variety:- **DHUSURA**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-

NIL

(6) Details of the distinguishing features or the characteristics:-

Attitude of panicle branches is erect to semi-erect, red and aromatic decorticated grain.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 480 of 2014

(1) Registration Number and date of grant:- **480 of 2014 & 8/4/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-

**Kishor Baskey and others, At- Kendua,
Block- Bahalda, Dist- Mayurbhanja, State-Odisha**

(3) Denomination of the variety:- **KABRI**

(4) Name of:

Family: **Poaceae**

Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-

NIL

(6) Details of the distinguishing features or the characteristics:-

Leaf auricle present.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 481 of 2014

- (1) Registration Number and date of grant:- **481 of 2014 & 8/4/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Surata Sahu, Khaliapali, Block-Karlamunda,
Dist- Kalahandi, State-Odisha**
- (3) Denomination of the variety:- **MUGDI-K**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Pubescence of leaf blade surface is strong.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 482 of 2014

- (1) Registration Number and date of grant:- **482 of 2014 & 8/4/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Padman Sing Majhi and others, Dak kta,
Block-Th-Rampur, Dist- Kalahandi, State-Odisha**
- (3) Denomination of the variety:- **CHUDI-D**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
Variety and common name: **Farmer \Typical \ Rice**

- (5) Parentage and geographical location of the variety:-

NIL

- (6) Details of the distinguishing features or the characteristics:-
Width of decorticated grains is medium.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 483 of 2014

- (1) Registration Number and date of grant:- **483 of 2014 & 8/4/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-

**Brusav Naik, Golamunda,
Block- Golamunda, Dist- Kalahandi, State-Odisha**

- (3) Denomination of the variety:- **PARBAT JIRA**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL

- (6) Details of the distinguishing features or the characteristics:-
Attitude of flag leaf blade (late observation) is semi-erect and straw colour of lemma.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 484 of 2014

- (1) Registration Number and date of grant:- **484 of 2014 & 8/4/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Jaya Naik and others, Balisara, Block-Th-Rampur,
Dist- Kalahandi, State-Odisha**
- (3) Denomination of the variety:- **K-Balisara-LAKTIMACHI**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Green basal leaf sheath colour, white stigma and colourless leaf auricles.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 485 of 2014

- (1) Registration Number and date of grant:- **485 of 2014 & 8/4/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Udaya Nath Pradhan, At- Madan Mohanpur, Block- Digapahandi, Dist-
Ganjam, State-Odisha**
- (3) Denomination of the variety:- **TIKIMASURI**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
- Variety and common name: **Farmer \Typical \ Rice**

(5) Parentage and geographical location of the variety:-

NIL

(6) Details of the distinguishing features or the characteristics:-

Partly exertly panicle and red decorticated grains.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 486 of 2014

(1) Registration Number and date of grant:- **486 of 2014 & 8/5/2014**

(2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-

**Dr. Panjabrao Deshmukh Krishi Vidyapeeth,
P.O. Krishinagar, Akola-444104**

(3) Denomination of the variety:- **PKV Kabuli-2**

(4) Name of:

Family: **Leguminosae**
Genus & Species: **Cicer arietinum L.**

Variety and common name: **Extant \Typical \ Chick pea**

(5) Parentage and geographical location of the variety:-

ICCC-2 x Surutato -77 x ICC-7344 ICCX-870026-PB-62AK-7AK-BAK.

(6) Details of the distinguishing features or the characteristics:-

Early time of flowering, spreading plant growth habit, medium plant height and large seed size.

(7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**

(8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**

(9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**

(10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 487 of 2014

- (1) Registration Number and date of grant:- **487 of 2014 & 8/5/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR),
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001**
- (3) Denomination of the variety:- **RS 673**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Sorghum bicolor (L.) Moench**

Variety and common name: **Extant (VCK) \Typical \ Sorghum**
- (5) Parentage and geographical location of the variety:-
RS 673 SPV544x24-1
- (6) Details of the distinguishing features or the characteristics:-
Yellow green anthocyanin clouration in leaf sheath, absence of anthocyanin in stigma colouration and absence of stigma yellow colouration.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 488 of 2014

- (1) Registration Number and date of grant:- **488 of 2014 & 8/5/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR), Krishi Bhawan, Dr.
Rajendra Prasad Road, New Delhi-110001**
- (3) Denomination of the variety:- **CR BORO DHAN 2**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **New \Typical \ Rice**

- (5) Parentage and geographical location of the variety:-
China 45
- (6) Details of the distinguishing features or the characteristics:-
Medium slender decorticated grain shape.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 489 of 2014

- (1) Registration Number and date of grant:- **489 of 2014 & 8/5/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR),
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001**
- (3) Denomination of the variety:- **AKMS 14A**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Sorghum bicolor (L.) Moench**

Variety and common name: **Extant (VCK) \Typical \ Sorghum**

- (5) Parentage and geographical location of the variety:-
MR760xBT632 x AKMS 2B
- (6) Details of the distinguishing features or the characteristics:-
Very early time of panicle emergence (50% of the plants with 50% anthesis).
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 490 of 2014

- (1) Registration Number and date of grant:- **490 of 2014 & 8/5/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR),
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001**
- (3) Denomination of the variety:- **2219 B**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Sorghum bicolor (L.) Moench**

Variety and common name: **Extant (VCK) \Typical \ Sorghum**

- (5) Parentage and geographical location of the variety:-
Kharif shallu
- (6) Details of the distinguishing features or the characteristics:-
Absent stigma antocyanin.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 491 of 2014

- (1) Registration Number and date of grant:- **491 of 2014 & 8/5/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Ankur Seeds(P) Limited, 27- New Cotton Market Layout,
Opp. Bus Station Nagpur-440018 Maharashtra**
- (3) Denomination of the variety:- **Swadeshi 5**
- (4) Name of:
Family: **Malvaceae**
Genus & Species: **Gossypium arboreum L.**
Variety and common name: **Extant (VCK) \Hybrid \ Diploid Cotton**
- (5) Parentage and geographical location of the variety:-
Ca/ag 2 x Ca/ a18

- (6) Details of the distinguishing features or the characteristics:-
Green boll colour and elliptic boll shape (longitudinal section)
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 492 of 2014

- (1) Registration Number and date of grant:- **492 of 2014 & 8/5/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
Indian Council of Agricultural Research (ICAR), Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001
- (3) Denomination of the variety:- **NARI-H-15**
- (4) Name of:
Family: **Asteraceae**
Genus & Species: **Carthamus tinctorius L.**
- Variety and common name: **Extant \Hybrid \ Safflower**
- (5) Parentage and geographical location of the variety:-
MSV-10-1-5 xx GMV-2369
- (6) Details of the distinguishing features or the characteristics:-
Many leaf number of spines, strong leaf dentations, dense capitulum number of spines on outer involucral bract of main capitulum, medium capitulum diameter of main capitulum, medium seed weight of 1000 seeds and medium seed number/ main capitulum.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 493 of 2014

- (1) Registration Number and date of grant:- **493 of 2014 & 8/5/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR),
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001**
- (3) Denomination of the variety:- **NUA KALAJEERA**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
Variety and common name: **New \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
Landrace Kalajeera
- (6) Details of the distinguishing features or the characteristics:-
Purple sterile lemma colour and present decorticated grain aroma.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 494 of 2014

- (1) Registration Number and date of grant:- **494 of 2014 & 8/5/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR), Krishi Bhawan, Dr.
Rajendra Prasad Road, New Delhi-110001**
- (3) Denomination of the variety:- **296B**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Sorghum bicolor (L.) Moench**

Variety and common name: **Extant (VCK) \Typical \ Sorghum**
- (5) Parentage and geographical location of the variety:-
296B=IS 3922 x Karad local

- (6) Details of the distinguishing features or the characteristics:-
Semi compact panicle density at maturity (ear head compactness).
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 495 of 2014

- (1) Registration Number and date of grant:- **495 of 2014 & 8/5/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR),
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001**
- (3) Denomination of the variety:- **CR DHAN 70**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**
Variety and common name: **New \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Late time of heading (50% of plants with panicles) and red decorticated grain colour.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 496 of 2014

- (1) Registration Number and date of grant:- **496 of 2014 & 8/5/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR),
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001**
- (3) Denomination of the variety:- **NARI-NH-1 (PH-6)**
- (4) Name of:
Family: **Asteraceae**
Genus & Species: **Carthamus tinctorius L.**
Variety and common name: **Extant \Hybrid \ Safflower**
- (5) Parentage and geographical location of the variety:-
MMS x C 2829 -5-3a-6
- (6) Details of the distinguishing features or the characteristics:-
Largs capitulum diameter of main capitula, long plant length of longest primary branch, very low seed weight of 1000 seeds, high seed number main capitula, medium seed null content high seed oil content.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 497 of 2014

- (1) Registration Number and date of grant:- **497 of 2014 & 8/5/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Indian Council of Agricultural Research (ICAR),
Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001**
- (3) Denomination of the variety:- **C43**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Sorghum bicolor (L.) Moench**
Variety and common name: **Extant (VCK) \Typical \ SORGHUM**
- (5) Parentage and geographical location of the variety:-

CS3541 x IS 23549

- (6) Details of the distinguishing features or the characteristics:-
Yellow green anthocyanin colouration of the leaf.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 498 of 2014

- (1) Registration Number and date of grant:- **498 of 2014 & 8/5/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Kaveri Seed Company Limited, #513-B, 5th Floor,
Minerva Complex, SD Road, Secunderabad-500003, A.P**
- (3) Denomination of the variety:- **KSF-260A**
- (4) Name of:
Family: **Asteraceae**
Genus & Species: **Helianthus annuus L.**
- Variety and common name: **New \Typical \ Sunflower**
- (5) Parentage and geographical location of the variety:-
StrainA (KSF 115) x strain B (KSF-260)
- (6) Details of the distinguishing features or the characteristics:-
Medium leaf blist ering and convex head shape of grain side.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 499 of 2014

- (1) Registration Number and date of grant:- **499 of 2014 & 8/5/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Sita Dehuri and others, At- Palashapithia,
Block-Bhuban, Dist- Dhenkanal, State-Odisha**
- (3) Denomination of the variety:- **DAMODARBHOGA**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**
- (5) Parentage and geographical location of the variety:-
NIL
- (6) Details of the distinguishing features or the characteristics:-
Panicle awns absent.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

Certificate of Registration No. 500 of 2014

- (1) Registration Number and date of grant:- **500 of 2014 & 8/5/2014**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-
**Bichitrananda Jena and others, Govindapur,
Block-Sadar, Dist- Dhenkanal, State-Odisha**
- (3) Denomination of the variety:- **KALAKADMBA**
- (4) Name of:
Family: **Poaceae**
Genus & Species: **Oryza sativa L.**

Variety and common name: **Farmer \Typical \ Rice**

- (5) Parentage and geographical location of the variety:-
- (6) Details of the distinguishing features or the characteristics:-
Density of lemma pubescence is strong and panicle awns absent.
- (7) In case of 'essentially derived variety', the details of the 'initial variety' from which the 'essentially derived variety' is claimed to have been derived:- **NA**
- (8) Name and address of the contributor, nature and amount of the contribution or the community knowledge used in the development of the plant variety:- **NA**
- (9) Terms and conditions of the agreement, if any, entered into between the breeder and contributor:- **NA**
- (10) If the variety is sold or otherwise disposed of, details thereof: **NA**

PUBLIC NOTICE

Sub: Notice is given under Rule 29 (8 and 9) of the PPV & FR Rules, 2003.

As a requirement under Rule 29 (8 and 9) of the PPV & FR Rules, 2003, it is hereby informed that the crop specific DUS test guideline namely: Vegetable Amaranth (*Amaranthus tricolor L.*), Ridge gourd (*Luffa acutangula (L.) Roxb.*), Palak / Spinach beet (*Beta vulgaris var. bengalensis Roxb.*), Carnation (*Dianthus caryophyllus L.*) and Orchid (*Paphiopedilum Pfitz.*) is hereby published in 'Plant Variety Journal of India', Vol. 09, No. 08, August, 03, 2015. Interested parties may read these guidelines and act accordingly.

Sd/-
R.C. Agrawal
Registrar-General

Vegetable Amaranth (*Amaranthus tricolor* L.)

I. Subject

These test guidelines shall apply to all varieties of Vegetable Amaranth (*Amaranthus tricolor* L), and also to other main vegetable species viz., *Amaranthus dubius* Mart exThell, *Amaranthus lividus* L., *Amaranthus blitum* L., *Amaranthus tristis* L., *Amaranthus spinosus* L. and *Amaranthus viridis* L.

II. Material required

1. The Protection of Plant Varieties and farmers Rights Authority (PPV&FRA) shall decide when, where and in what quantity and quality of the seed material required for testing the variety, is to be delivered. Applicants submitting material from a country other than India shall make sure that all customs and phytosanitary formalities are complied with.
2. The minimum quantity of seed to be supplied by the applicant shall be:
Varieties : 150 g (in one submission only)
3. The seed material shall meet the minimum germination percentage (80%), moisture content (<8%), physical purity (98%) and genetic purity (100%) as prescribed for seed certification in India. Especially for storage, which requires a higher standard, the applicant shall state the actual germination percentage, which shall be as high as possible.
4. The planting material must not have undergone any treatment unless the competent authority allow or reject such treatment. If it has been treated, full details of the treatment must be given.

III. Conduct of tests

1. The minimum duration of tests shall normally be two independent but similar growing seasons with reference to the ecosystem of the variety submitted for DUS testing.
2. The test shall normally be conducted at two test locations. If any essential characteristic of the variety cannot be observed at these places, the variety may be tested at an additional place.
3. The test shall be carried out under conditions ensuring normal growth. The size of the plot shall be such that plants or parts of plant may be removed for measuring and counting without prejudice to the observations which must be made up to the end of the growing period. Each test shall include a minimum of 150 plants, which should be divided among 3 replications. Separate plots for observation and for measurement, can only be used if they have been subjected to similar environmental conditions.

4. Test Plot Design

Number of rows	:	5
Row length	:	2 m
Plant to plant distance	:	20 cm
Row to Row distance	:	50 cm
Number of replications	:	3

5. Observations shall not be recorded on plants in border rows.
6. Observation shall be recorded from 10 plants from each replication.

IV. Methods and observations

1. The characteristics described in the table of characteristics (see Section VII) shall be used for the testing of varieties for DUS
2. For the assessment of distinctiveness and stability, observation shall be made on 30 plants or parts of plants, which shall be divided among 3 replications (10 plants in each replication).
3. For the assessment of Uniformity of characteristics in the plot as a whole (visual assessment by a single observation of a group of plants or parts of plants), a population standard of 1% with an acceptance probability of at least 95% should be applied. In case of a sample size of 150 plants, the number of off-types should not exceed 2.
4. For the assessment of all colour characteristics, Royal Horticultural Society (RHS) Colour Chart shall be used.
5. All the leaf characters shall be made on 8th fully opened leaf from the top.
6. Stage of recording observation on specific characteristic shall be as follows

Description	Code
a. Cotyledons completely unfolded	10
b. Active vegetative phase	20
c. Leaves attaining harvestable maturity	30
d. 50% of the flowering stage	40
e. Full seed maturity	50

V. Grouping of varieties

1. The selected varieties to be grown in the trial shall be divided into groups to facilitate the assessment of distinctness. Characteristics, which are suitable for grouping purpose, are those which are known from experience not to vary, or to vary only to lesser extent, within a variety. The states of expression (even produced at different locations) shall be fairly and evenly distributed throughout the collection.
2. It is recommended that the competent authorities use the following characteristics for grouping of Vegetable Amaranth varieties.

- a. Leaf : Leaf blade: main color (characteristic 11)
- b. Leaf : Leaf blade: presence of blotch (characteristic 12)
- c. Petiole : Petiole: anthocyanin coloration (characteristic 16)

- d. Stem : Stem: color (characteristic 17)
 e. Stem : Stem: shape in cross section (characteristic 20)
 f. Plant : Plant: days to 50% flowering (characteristic 22)

VI. Characteristics and symbols

- To assess Distinctiveness, Uniformity and Stability, the characteristics and their states as given in the Table of Characteristics shall be used.
- Notes (1-9) shall be used for the purpose of recording and electronic processing of data. Each state of expression is allotted a corresponding numerical note (1-9) for the different characteristics.

3. Legend

(*) Characteristics that shall be used every growing season for the examination of all the varieties and shall always be included in the description of the variety, except when the states of expression of any of these characters is rendered impossible by a preceding characteristic or by the environmental conditions of the testing region. Under such exceptional situation, adequate explanation shall be provided.

(+) See explanation on the Table of Characteristic in Section VIII

- Type of assessment of characteristics indicated in column 7 of Table of Characteristics is as follows
 MG: Measurement by a single observation on a group of plants or parts of plants
 MS: Measurement on a number of individual plant or parts of plants
 VG: Visual assessment by a single observation on a group of plants or parts of plants
 VS: Visual assessment by observation on individual plant or parts of plants

VII. Table of Characteristics

Sl.No	Trait	States	Note	Example Varieties	Stage of observation	Type of assessment
1	2	3	4	5	6	7
1. (*)	Cotyledon: anthocyanin coloration	Absent	1	Arka Suguna, Arka Varna, Pusa Kirti, Pusa Kiran, Co-1, Co-2, Co-3, Co-5, Renushree, RNA-1	10	VG
		Present	9	Arka Arunima, Pusa Lal Chawlai, Arun		
2.	Seedling: anthocyanin	Absent	1	Arka Suguna, Pusa Kiran, Pusa Kirti, RNA-1	10	VG

(*)	coloration of hypocotyls	Present	9	Arka Arunima, Arka Samraksha, Arka Varna, Pusa Lal Chawlai, Co-1, Co-3, Co-5, Renushree, Arun		
3.	Young leaf: length (cm)	Short (<10)	3	Co-3	20	MS
		Medium (10.1-13)	5	Arka Arunima, Arka Suguna, Pusa Lal Chawlai, Pusa Kirti, RNA-1, Co-1, Co-5		
		Long(>13)	7	Arka Samraksha, Pusa Kiran, IIHR-109-1		
4.	Young leaf: width (cm)	Narrow (<6)	3	<i>Amaranthus blitum</i> L.	20	MS
		Medium(6.1-8)	5	Pusa Kiran		
		Broad (>8)	7	Arka Samraksha, Arka Suguna, Arka Varna, Pusa Kirti, Co-1		
5. (+)	Young leaf: position of broadest part	In middle or slightly towards base	1	Pusa Kirti	20	VG
		Moderately towards base	2	Arka Samraksha, Pusa Kiran, IIHR-109-1		
		Strongly towards base	3	Co-1, RNA-1		
6.	Young leaf: prominence of veins	Weak	3	----	20	VG
		Medium	5	Pusa Lal Chawlai, IIHR-109-1, RNA-1, Arka Suguna, Pusa Kirti		
		Strong	7	----		
7.	Young leaf: main color on upper side	Light green	1	Arka Suguna, Co-4	20	VG
		Medium green	2	Arka Samraksha, Arka Varna, Co-2, Co-3, Co-5		
		Dark green	3	Co-1		

		Red	4	Arka Arunima, Pusa Lal Chawlai		
		Purple	5	----		
8.	Young leaf: distribution of secondary color on upper side	Colored basal area	1	----	20	VG
		Central blotch	2	----		
		Colored margin and Veins	3	Arka Varna, Co-5, Renushree		
9.	Young leaf: color on the lower side	Green	1	Arka Samraksha, Arka Suguna, Arka Varna, Pusa Kiran, Pusa Kirti, Co-1, Co-2, Co-3, RNA-1, IIHR-109-1, Renushree	20	VG
		Red	2	Arka Arunima, Pusa Lal Chawlai		
		Purple	3	----		
10. (+)	Leaf: margin	Entire	1	Pusa Kiran, Pusa Kirti, Pusa Lal Chawlai, Renushree	30	VG
		Sinuate	2	Arka Arunima, Arka Suguna, Arka Varna		
11. (* (*)	Leaf blade: main color	Light green	1	Arka Suguna	30	VG
		Medium green	2	Arka Samraksha, Arka Varna, Pusa Kiran, Pusa Kirti, Co-2, IIHR-109-1		
		Dark green	3	Co-1		
		Red	4	Arka Arunima, Pusa Lal Chawlai, Arun		
12. (* (+)	Leaf blade: presence of blotch	Absent	1	Arka Samraksha, Arka Suguna, Pusa Kiran, Pusa Kirti, Co-1	30	VG
		Present	9	----		

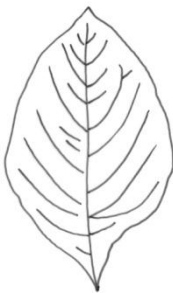
13. (+)	Leaf blade: size of blotch in relation to blade	Small	3	----	30	VG
		Medium	5	----		
		Large	7	----		
14.	Leaf blade: color of blotch	Green	1	----	30	VG
		Silvery	2	----		
		Red	3	----		
		Purple	4	----		
15. (*)(+)	Leaf blade: shape of blotch	Ovoid	1	----	30	VS
		“V” shaped	2	----		
16. (*)	Petiole: anthocyanin coloration	Absent	1	Arka Samraksha, Arka Suguna, Pusa Kiran, Pusa Kirti, Co-2, Co-3, IIHR-109-1, RNA-1	30	VG
		Present	9	Arka Arunima, Arka Varna, Pusa Lal Chawlai, Renushree		
17. (*)	Stem: color	Green	1	Arka Samraksha, Arka Suguna, Pusa Kiran, Pusa Kirti, Co-1, Co-2, Co-3, RNA-1	30	VG
		Pink	2	----		
		Red	3	Arka Arunima, Arka Varna, Pusa Lal Chawlai, Renushree		
		Purple	4	-		
		White	5	IIHR-109-1		
18.	Plant: height (cm)	Short(<50)	3	Co-4, Co-5, Arka Suguna	30	MS
		Medium (50.1-80)	5	Arka Arunima, Co-3		
		Tall (>80)	7	Arka Samraksha, Pusa Kirti,		

				Pusa Kiran, Pusa Lal Chawlai		
19. (* (*)	Stem: anthocyanin coloration of base	Absent	1	Arka Suguna, Pusa Kiran, Pusa Kirti, Co-2, RNA-1	30	VG
		Present	9	Arka Arunima, Arka Samraksha, Arka Varna, Pusa Lal Chawlai, Renushree		
20. (* (+)	Stem: shape in cross section	Circular	1	Pusa Lal Chawlai, Arun, Co-5	30	VS
		Undulated	2	Arka Samraksha, Arka Suguna, Pusa Kiran, Co-1, RNA-1		
21. (* (*)	Plant : type of harvesting	Pulling type	1	Arka Samraksha, Arka Varna	30	VG
		Cutting type	2	Arka Suguna, Arka Arunima, Co-3, Pusa Kiran		
22. (+)	Days to 50% flowering	Early (<40)	3	Arka Samraksha, Arka Varna, Co-2, Co-3	40	MS
		Medium (40.1-50)	5	Arka Arunima, RNA-1, IIHR-109-1		
		Late(>50)	7	Arka Suguna, Pusa Lal Chawlai, Pusa Kiran, Co-5		
23. (* (*)	Inflorescence: color	Green	1	Arka Samraksha, Arka Suguna, Pusa Kirti, Pusa Kiran, Renushree, RNA-1	40	VG
		Pink	2	Arka Varna		
		Red	3	Arka Arunima, Pusa Lal Chawlai		
		Purple	4	----		
24. (* (*)	Plant growth habit	Determinate	1	Arka Arunima, Arka Samraksha, Pusa Kirti, Pusa Kiran, Pusa Lal Chawlai	40	VG
		Indeterminate	2	----		

25. (*)	Seed: color	Brown	1	----	50	VG
		Black	2	Arka Arunima, Arka Samraksha, Arka Suguna, Arka Varna, Pusa Kirti, Pusa Kiran, Pusa Lal Chawlai, Co-1, Co-2, Co-3, Co-5, Renushree, RNA-1, IIHR-109-1		
26. (* (+)	Seed: shape	Ellipsoid	1	Pusa Kiran, RNA-1	50	VG
		Discoid	2	Arka Arunima, Arka Samraksha, Arka Suguna, Arka Varna, Renushree		
27. (+)	1000 Seed weight (g)	Low (0.6)	3	Co-1	50	MG
		Medium(0.61-0.8)	5	Arka Varna, Pusa Kirti, Co-2, Co-4, IIHR-109-1		
		High (>0.8)	7	Co-3		

VIII. Explanations on the Table of Characteristics

Characteristic 5. Young leaf: Position of broadest part



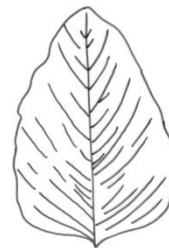
1

In middle or slightly towards base



2

Moderately towards base



3

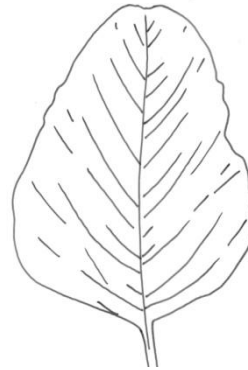
Strongly towards base

Characteristic 10. Leaf: Margin



1

Entire



2

Sinuate

Characteristic 12. Leaf Blade: Presence of blotch



1

Absent



9

Present

Characteristic 13. Leaf blade: Size of blotch in relation to blade



3

Small



5

Medium



7

Large

Characteristic 15. Leaf Blade: Shape of blotch



1

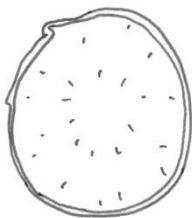
Ovoid



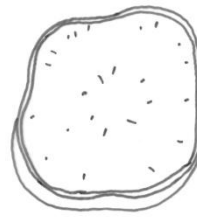
2

"V" Shaped

Characteristic 20. Stem: Shape in cross section



1



2

Circular

Undulated

Characteristic 22. Days to 50% flowering:

This is when 50 % of the plants have a panicle approximately 5 cm long, showing open flowers in its middle parts with separate stamens and with the stigma completely visible.

Characteristic 26. Seed: Shape



1
Ellipsoid



2
Discoid

Characteristic 27: 1000 seed weight:

The seed weight shall be measured on three samples of 1000 seeds, at moisture of 10%.

IX. Working Group Details

The Test Guidelines developed by the Task Force Committee (10/2014) constituted by the PPV & FR Authority for development of these guidelines with the consultation of Indian Institute of Horticulture Research (IIHR), Bangalore and technical advice also received from the officials of PPV&FR Authority to finalized.

The Members of the Task Force (10/2014)

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|----|---|-----------------|
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| 3. | Dr. P. S. Sirohi
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- | | | |
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Co-Nodal Officer

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IX. DUS testing centers

Nodal Centre	Other Centre
Dr B. Varalakshmi Indian Institute of Horticultural Research, Hessarghatta Lake Post, Bengaluru-560089 (Karnataka).	Dr T. K. Behera Indian Agricultural Research Institute, Pusa, New Delhi-110012

Ridge gourd (*Luffa acutangula* (L.)Roxb.)

I. Subject

These test guidelines shall apply to all varieties, hybrids and parental lines of ridge gourd (*Luffa acutangula* (L.)Roxb.).

II. Material required

1. The Protection of Plant Varieties and farmers Rights Authority (PPV&FRA) shall decide when, where and in what quantity and quality of the seed material required for testing the variety, is to be delivered. Applicants submitting material from a country other than India shall make sure that all customs and phytosanitary formalities are complied with.
2. The minimum quantity of seed to be supplied by the applicant shall be:

Varieties/ hybrids/parental lines: 250g or 1500 seeds (in one submission only)

3. The seed material shall meet the minimum germination percentage (80%), moisture content (<8%), physical purity (98%) and genetic purity (100%) as prescribed for seed certification in India. Especially for storage, which requires a higher standard, the applicant shall state the actual germination percentage, which shall be as high as possible.
4. The planting material must not have undergone any treatment unless the competent authority allow or reject such treatment. If it has been treated, full details of the treatment must be given.

III. Conduct of tests

1. The minimum duration of tests shall normally be two independent but similar growing seasons with reference to the ecosystem of the variety submitted for DUS testing.
2. The test shall normally be conducted at two test locations. If any essential characteristic of the variety cannot be observed at these places, the variety may be tested at an additional place.
3. The test shall be carried out under conditions ensuring normal growth. The size of the plot shall be such that plants or parts of plant may be removed for measuring and counting without prejudice to the observations which must be made up to the end of the growing period. Each test shall include a minimum of 84 plants, which should be divided among 3 replications. Separate plots for observation and for measurement, can only be used if they have been subjected to similar environmental conditions.

4. Test Plot Design

Number of rows	:	4
Row length	:	4.2 m
Plant to plant distance	:	60 cm
Row to Row distance	:	3.0 m (1.5m if grown on single trellis)
Number of replications	:	3

5. Observations shall not be recorded on plants in border rows.
6. Observation shall be recorded from 10 plants from each replication.

IV. Methods and observations

1. The characteristics described in the table of characteristics (see Section VII) shall be used for the testing of varieties for DUS
2. For the assessment of distinctiveness and stability, observation shall be made on 30 plants or parts of plants, which shall be divided among 3 replications (10 plants in each replication).
3. For the assessment of Uniformity of characteristics in the plot as a whole (visual assessment by a single observation of a group of plants or parts of plants), a population standard of 1% with an acceptance probability of at least 95% should be applied. In case of a sample size of 84 plants, the number of off-types should not exceed 1.
4. For the assessment of all colour characteristics, Royal Horticultural Society (RHS) Colour Chart shall be used.
5. Observations on the leaf blade should be made on a fully developed leaf blade, from the 15th node upwards to 20th node.
6. All observations on the fruit should be made on fruits, 10-12 days after visible fruit set, between the 10th and 20th node.
7. All observations on the seed should be made on fully developed seeds collected from fully dried fruits on the plant.
8. Intensity of green colour of cotyledon should be observed just before the development of the first true leaf.
9. Stage of recording observation on specific characteristic shall be as follows

Description	Code
a. Cotyledons completely unfolded	10
b. Active vegetative phase	20
c. 50% of the flowering stage	30
d. Fruits attaining marketable maturity	40
e. Fruits attaining physiological maturity	50

V. Grouping of varieties

1. The selected varieties to be grown in the trial shall be divided into groups to facilitate the assessment of distinctness. Characteristics, which are suitable for grouping purpose, are those which are known from experience not to vary, or to vary only to lesser extent, within a variety. The states of expression (even produced at different locations) shall be fairly and evenly distributed throughout the collection.

2. It is recommended that the competent authorities use the following characteristics for grouping of ridge gourd varieties/hybrids/parental lines.

- a. Leaf : Leaf blade: number of lobes (characteristic 10)
- b. Fruit : length (characteristic 17)
- c. Fruit : girth (characteristic 18)
- d. Fruit : shape (characteristic 19)
- e. Fruit : skin color (characteristic 20)
- f. Fruit : ridge (rib) shape (characteristic 23)

VI. Characteristics and symbols

- 1. To assess Distinctiveness, Uniformity and Stability, the characteristics and their states as given in the Table of Characteristics shall be used.
- 2. Notes (1-9) shall be used for the purpose of recording and electronic processing of data. Each state of expression is allotted a corresponding numerical note (1-9) for the different characteristics.

3. Legend

(*) Characteristics that shall be used every growing season for the examination of all the varieties and shall always be included in the description of the variety, except when the states of expression of any of these characters is rendered impossible by a preceding characteristic or by the environmental conditions of the testing region. Under such exceptional situation, adequate explanation shall be provided.

(+) See explanation on the Table of Characteristic in Section VIII

4. Type of assessment of characteristics indicated in column 7 of Table of Characteristics is as follows

MG: Measurement by a single observation on a group of plants or parts of plants

MS: Measurement on a number of individual plant or parts of plants

VG: Visual assessment by a single observation on a group of plants or parts of plants

VS: Visual assessment by observation on individual plant or parts of plants

VII. Table of Characteristics

S. No.	Characteristic	States	Note	Example Varieties	Stage of observation	Type of assessment
1.	Cotyledon: intensity of green color	Light	3	Jaipur Long	10	VS
		Medium	5	Arka Sujat, Arka Sumeet, Pusa Nasdar		
		Dark	7	Pusa Nutan, Phule Sucheta, Co-1		

2. (*)	Stem shape	Rounded	1	-	20	VS
		Angular	2	Arka Sujat, Arka Sumeet, Pusa Nasdar, Pusa Nutan, GARG-1, Jaipur Long, Phule Sucheta, Co-1, Deepthi		
3.	Stem pubescence	Absent	1	Arka Sujat, Arka Sumeet, Pusa Nasdar, Pusa Nutan, GARG-1, Jaipur Long, Phule Sucheta, Co-1, Deepthi	20	VS
		Present	9	-		
4. (*)	Leaf margin	Entire	1	-	20	VS
		Serrate	2	Arka Sujat, Arka Sumeet, Pusa Nasdar, Pusa Nutan, GARG-1, Jaipur Long, Phule Sucheta, Co-1, Deepthi		
5. (*) (+)	Leaf shape	Ovate	1	----	20	VS
		Orbicular	2	Arka Sujat, Arka Sumeet, Pusa Nasdar, Pusa Nutan, GARG-1, Jaipur Long, Phule Sucheta, Co-1, Deepthi		
		Reniform	3	----		
6.	Leaf : Length (Between 15-20 nodes)	Small (<10cm)	3	Phule Sucheta	20	MS
		Medium (10.1-15cm)	5	Arka Sujat, Arka Sumeet, Pusa Nasdar, Pusa Nutan, GARG-1, Jaipur Long, Co-1		
		Large (>15cm)	7	-		
7.	Leaf : Width (Between 15-20 nodes)	Small (<15cm)	3	Phule Sucheta	20	MS
		Medium (15.1-20cm)	5	Arka Sujat, Arka Sumeet, Pusa Nasdar, Pusa Nutan, GARG-1, Jaipur Long, Co-1		
		Large (>20cm)	7	-		

8	Leaf pubescence	Absent	1	-	20	VS
		Present	9	Arka Sujat, Arka Sumeet, Pusa Nasdar, Pusa Nutan		
9.	Leaf pubescence nature (Between 15-20 nodes)	Soft	1	-	20	VS
		Hard	9	Arka Sujat, Arka Sumeet, Pusa Nasdar, Pusa Nutan, GARG-1, Jaipur Long, Phule Sucheta, Co-1, Deepthi		
10. (*)	Leaf blade: number of lobes	3 Lobes	1	-	20	VS
		5 Lobes	2	Arka Sujat, Arka Sumeet, Pusa Nasdar, Pusa Nutan, GARG-1, Jaipur Long, Phule Sucheta, Co-1, Deepthi		
		>5 Lobes	3	-		
11.	Stem: length of internodes (between 15 th and 20th node)	Short (<10cm)	3	Arka Sujat, Phule Sucheta	30	MS
		Medium (10.1-15cm)	5	Arka Sumeet, Jaipur Long, Co-1		
		Long (>15cm)	7	Pusa Nutan, GARG-1		
12.	Stem: number of primary branches	Less (<10)	3	Arka Sujat, Co-1	30	MS
		Medium (10.1-15)	5	Arka Sumeet, Pusa Nasdar, Pusa Nutan, GARG-1, Phule Sucheta, Jaipur Long		
		More (>15)	7	-		
13.	Petiole length (Between 15-20 nodes)	Short (<8cm)	3	Pusa Nasdar, Pusa Nutan	30	MS
		Medium (8.1-10cm)	5	Arka Sujat, GARG-1, Jaipur Long		
		Long (>10cm)	7	Arka Sumeet		
14.	Flower colour	White	1	-	30	VG

(*)		Light Yellow	2	Arka Sujat, Arka Sumeet, Pusa Nasdar, Pusa Nutan, GARG-1, Jaipur Long, Phule Sucheta, Co-1		
		Yellow	3	Deepthi		
15.	Ovary: length (on the day of anthesis)	Short (<4.0cm)	3	-	30	MG
		Medium (4.1-6.0cm)	5	Arka Sujat, Pusa Nutan		
		Long (>6.0cm)	7	Arka Sumeet, Pusa Nasdar, GARG-1, Co-1		
16.	Peduncle length	Short (<8cm)	3	Pusa Nutan, Phule Sucheta, Jaipur Long	40	MS
		Medium (8.1-10cm)	5	Arka Sumeet, Pusa Nasdar		
		Long (>10cm)	7	GARG-1, Co-1		
17. (*)	Fruit : length	Short (<20cm)	3	-	40	MS
		Medium (20.1-30cm)	5	Arka Sujat, Pusa Nutan, Phule Sucheta, Jaipur Long		
		Long (>30cm)	7	Arka Sumeet, Co-1		
18. (*)	Fruit: girth	Small (<10cm)	3	-	40	MS
		Medium (10.1-14cm)	5	Arka Sujat, Pusa Nutan, Phule Sucheta, Jaipur Long		
		Large (>14cm)	7	Arka Sumeet		
19. (*) (+)	Fruit: shape	Oblong	1	-	40	VS
		Elongate	2	Arka Sujat, Arka Sumeet, Pusa Nasdar, Pusa Nutan, GARG-1, Jaipur Long, Phule Sucheta, Co-1		
		Elliptical	3	Deepthi		

20. (* (+)	Fruit: skin color	Light Green	1	GARG-1	40	VG
		Green	2	Arka Sujat, Arka Sumeet, Co-1, Jaipur Long		
		Dark Green	3	Pusa Nutan, Deepthi		
21. (* (+)	Fruit: shape of blossom end	Rounded	1	Arka Sumeet, Pusa Nasdar, Pusa Nutan, GARG-1, Jaipur Long, Co-1, Deepthi	40	VG
		Pointed	2	-		
22. (* (+)	Fruit: shape of base	Rounded	1	Arka Sujat, Arka Sumeet, Pusa Nasdar, Pusa Nutan, GARG-1, Jaipur Long, Phule Sucheta, Co-1, Deepthi	40	VG
		Pointed	2	-		
23. (* (+)	Fruit: ridge (rib) shape	Superficial	1	GARG-1	40	VG
		Medium	2	Pusa Nasdar, Jaipur Long		
		Deep	3	Arka Sumeet, Phule Sucheta, Co-1, Deepthi		
24.	Continuity of ridge	Continuous	1	Arka Sujat, Pusa Nasdar, Pusa Nutan, GARG-1, Jaipur Long, Phule Sucheta, Co-1, Deepthi	40	VG
		Discontinuous	2	Arka Sumeet		
25. (* (+)	Fruit skin luster	Matt	1	Arka Sujat, Arka Sumeet, Pusa Nasdar, Pusa Nutan, GARG-1, Jaipur Long, Phule Sucheta, Co-1, Deepthi	40	VG
		Glossy	2	-		
26.	Skin softness of the marketable fruits	Mild Soft	3	Deepthi	40	VG
		Soft	5	Arka Sujat, Arka Sumeet, Pusa Nasdar, Pusa Nutan, Jaipur Long, Phule Sucheta, Co-1		

		Hard	7	GARG-1		
27.	Flesh texture (*)	Smooth	1	-	40	VG
		Soft/Spongy	2	Arka Sujat, Arka Sumeet, Pusa Nasdar, Pusa Nutan, GARG-1, Jaipur Long, Phule Sucheta, Co-1, Deepthi		
		Fibrous-Gelatinous	3	-		
28.	Flesh color (*)	White	1	-	40	VG
		Cream	2	Arka Sujat, Arka Sumeet, Pusa Nasdar, Pusa Nutan, GARG-1, Jaipur Long, Phule Sucheta, Co-1, Deepthi		
29.	Time of marketable maturity	Early (<60 Days)	3	Pusa Nutan, GARG-1	40	MS
		Medium (60.1-70days)	5	Pusa Nasdar, Jaipur Long, Deepthi		
		Late (>70days)	7	Arka Sujat, Arka Sumeet, Phule Sucheta, Co-1		
30.	Plant growth habit (*)	Short Viny (<3.5m)	3	Pusa Nutan	50	MS
		Medium Viny (3.51 -5.5m)	5	Arka Sumeet, Phule Sucheta, Co-1		
		Long Viny (> 5.5m)	7	Arka Sujat		
31.	Seediness (No. of Seeds/fruit at the time of seed extraction)	Low (<100)	3	-	50	MS
		Medium (100.1-200)	5	Arka Sumeet, Pusa Nasdar, GARG-1, Phule Sucheta, Co-1, Jaipur Long		
		High (>200)	7	Arka Sujat, Pusa Nutan		

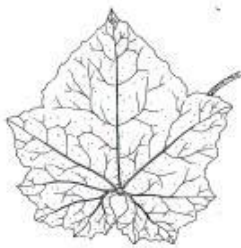
32.	Seed: Length	Small (<1.0cm)	3	-	50	MS
		Medium (1.1-1.2cm)	5	-		
		Large (>1.2cm)	7	Arka Sujat, Arka Sumeet, Pusa Nasdar, Pusa Nutan, GARG-1, Jaipur Long, Phule Sucheta, Co-1, Deepthi		
33.	Seed: colour of testa	Black	1	Arka Sujat, Arka Sumeet, Pusa Nasdar, Pusa Nutan, GARG-1, Jaipur Long, Phule Sucheta, Co-1	50	VS
		Gray	2	-		
34.	Seed luster	Matt	1	Arka Sujat, Arka Sumeet, Pusa Nasdar, Pusa Nutan, GARG-1, Jaipur Long, Phule Sucheta, Co-1, Deepthi	50	VG
		Glossy	2	GARG-1		
35.	100 seed weight	Low (<10g)	3	Pusa Nasdar, Pusa Nutan, Deepthi	50	MG
		Medium(10.1-14g)	5	Arka Sumeet, GARG-1		
		High (>14g)	7	Co-1		

VIII. Explanations on the Table of Characteristics

Characteristic 5. Leaf: shape



1
Ovate

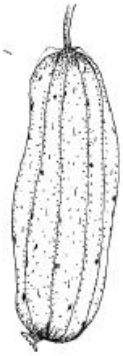


2
Orbicular



3
Reniform

Characteristic 19. Fruit: shape



1
Oblong



2
Elongate



3
Elliptical

Characteristic 21. Fruit: Shape of blossom end



1
Rounded

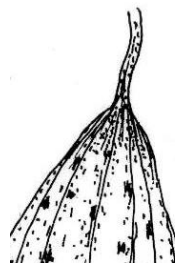


2
Pointed

Characteristic 22. Fruit: Shape of base



1
Rounded



2
Pointed

IX. Working Group Details

The Test Guidelines developed by the Task Force Committee (10/2014) constituted by the PPV & FR Authority for development of these guidelines with the consultation of Indian Institute of Horticulture Research (IIHR), Bengaluru and technical advice also received from the officials of PPV&FR Authority to finalized.

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IX. DUS testing centers

Nodal Centre	Other Centre
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Palak / Spinach beet (*Beta vulgaris var. bengalensis* Roxb.)

I. Subject

These test guidelines shall apply to all varieties of Palak (Spinach beet).

II. Material required

1. The Protection of Plant Varieties and farmers Rights Authority (PPV&FRA) shall decide when, where and in what quantity and quality of the seed material required for testing the variety, is to be delivered. Applicants submitting material from a country other than India shall make sure that all customs and phytosanitary formalities are complied with.
2. The minimum quantity of seed to be supplied by the applicant shall be:

Varieties : 250 g (in one submission only).

3. The seed material shall meet the minimum germination percentage (80%), moisture content (<8%), physical purity (98%) and genetic purity (100%) as prescribed for seed certification in India. Especially for storage, which requires a higher standard, the applicant shall state the actual germination percentage, which shall be as high as possible.
4. The planting material must not have undergone any treatment unless the competent authority allow or reject such treatment. If it has been treated, full details of the treatment must be given.

III. Conduct of tests

1. The minimum duration of tests shall normally be two independent but similar growing seasons with reference to the ecosystem of the variety submitted for DUS testing.
2. The test shall normally be conducted at two test locations. If any essential characteristic of the variety cannot be observed at these places, the variety may be tested at an additional place.
3. The test shall be carried out under conditions ensuring normal growth. The size of the plot shall be such that plants or parts of plant may be removed for measuring and counting without prejudice to the observations which must be made up to the end of the growing period. Each test shall include a minimum of 150 plants, which should be divided among 3 replications. Separate plots for observation and for measurement, can only be used if they have been subjected to similar environmental conditions.

4. Test Plot Design

Number of rows	:	5
Row length	:	2 m
Plant to plant distance	:	20 cm
Row to Row distance	:	50 cm
Number of replications	:	3

4. Observations shall not be recorded on plants in border rows.
5. Observation shall be recorded from 10 plants from each replication.

IV. Methods and observations

1. The characteristics described in the table of characteristics (see Section VII) shall be used for the testing of varieties for DUS
2. For the assessment of distinctiveness and stability, observation shall be made on 30 plants or parts of plants, which shall be divided among 3 replications (10 plants in each replication).
3. For the assessment of Uniformity of characteristics in the plot as a whole (visual assessment by a single observation of a group of plants or parts of plants), a population standard of 1% with an acceptance probability of at least 95% should be applied. In case of a sample size of 150 plants, the number of off-types should not exceed 2.
4. For the assessment of all colour characteristics, Royal Horticultural Society (RHS) Colour Chart shall be used.
5. Observations on the leaf blade shall be made on the seventh to tenth leaves from base of the adult, not bolted plant.
6. Stage of recording observation on specific characteristic shall be as follows

Description	Code
a. Cotyledons completely unfolded	10
b. Leaves attaining harvestable maturity	20
c. 50% of the flowering stage	30
d. Full seed maturity	40

V. Grouping of varieties

1. The selected varieties to be grown in the trial shall be divided into groups to facilitate the assessment of distinctness. Characteristics, which are suitable for grouping purpose, are those which are known from experience not to vary, or to vary only to lesser extent, within a variety. The states of expression (even produced at different locations) shall be fairly and evenly distributed throughout the collection.
2. It is recommended that the competent authorities use the following characteristics for grouping of Palak / Spinach beet varieties.
 - a. Leaf : Leaf blade: intensity of green color (characteristic 7)
 - b. Leaf : Leaf blade: anthocyanin coloration (characteristic 11)
 - c. Petiole : Petiole: color (characteristic 14)
 - d. Petiole : Petiole: width (characteristic 16)
 - e. Plant : Plant: time of bolting (characteristic 18)
 - f. Seed : Seed : spines (characteristic 19)

VI. Characteristics and symbols

1. To assess Distinctiveness, Uniformity and Stability, the characteristics and their states as given in the Table of Characteristics shall be used.
2. Notes (1-9) shall be used for the purpose of recording and electronic processing of data. Each state of expression is allotted a corresponding numerical note (1-9) for the different characteristics.

3. Legend

(*) Characteristics that shall be used every growing season for the examination of all the varieties and shall always be included in the description of the variety, except when the states of expression of any of these characters is rendered impossible by a preceding characteristic or by the environmental conditions of the testing region. Under such exceptional situation, adequate explanation shall be provided.

(+) See explanation on the Table of Characteristic in Section VIII

4. Type of assessment of characteristics indicated in column 7 of Table of Characteristics is as follows

MG: Measurement by a single observation on a group of plants or parts of plants

MS: Measurement on a number of individual plant or parts of plants

VG: Visual assessment by a single observation on a group of plants or parts of plants

VS: Visual assessment by observation on individual plant or parts of plants

VII. Table of Characteristics

Sl.No	Traits	States	Note	Example Varieties	Stage of Observation	Type of assessment
1. (* (*)	Seedling: anthocyanin coloration	Absent	1	Pusa Harit, All Green, Co-1	10	VG
		Present	9	Arka Anupama, Pusa Bharathi, HS-23		
2.	Seedling: intensity of anthocyanin coloration	Weak	3	Pusa Bharathi, Pusa Harit	10	VG
		Medium	5	Arka Anupama, HS-23		
		Strong	7	-		
3. (* (+)	Leaf: length	Short (<20 cm)	3	-	20	MS
		Medium (20.1-30 cm)	5	Arka Anupama, Pusa Bharathi, All Green, Co-1		
		Long (>30 cm)	7	Pusa Harit, HS-23		
4. (* (*)	Leaf: attitude	Erect	1	Arka Anupama, All Green, HS-23	20	VG
		Semi-erect	2	Pusa Harit, Co-1		
		Prostrate	3	-		
5. (* (+)	Leaf blade: length	Short (<10 cm)	3	-	20	MS
		Medium (10.1-15 cm)	5	-		
		Long (>15 cm)	7	Arka Anupama, Pusa Bharathi, Pusa Harit, All Green, HS-23		
6. (* (*)	Leaf blade: width	Narrow(<8 cm)	3	-	20	MS
		Medium (8.1-9 cm)	5	Arka Anupama, Co-1		

(+)		Broad (>9 cm)	7	Pusa Bharathi, Pusa Harit, HS-23		
7. (* (*)	Leaf blade: intensity of green color	Light	3	-	20	VG
		Medium	5	Pusa Bharathi, HS-23, Co-1		
		Dark	7	Arka Anupama, Pusa Harit		
8. (* (*)	Leaf blade: glossiness	Dull	3	Pusa Harit	20	VG
		Medium	5	Pusa Bharathi, HS-23, All Green		
		Bright	7	Co-1		
9. (* (*)	Leaf blade: blistering	Weak	3	HS-23	20	VG
		Medium	5	Pusa Bharathi, Co-1		
		Strong	7	Arka Anupama, Pusa Harit		
10. (* (*) (+)	Leaf blade: lobing	Very weak	1	Pusa Bharathi, HS-23	20	VG
		Weak	3	Arka Anupama, All Green		
		Medium	5	-		
		Strong	7	-		
11. (* (*)	Leaf blade: anthocyanin coloration	Absent	1	Arka Anupama, Pusa Bharathi, Pusa Harit, Co-1, HS-23, All Green	20	VG
		Present	9	-		
12. (* (*) (+)	Leaf blade: shape (excluding basal lobes)	Triangular	1	-	20	VG
		Medium ovate	2	Pusa Bharathi, Pusa Harit, All Green, HS-23		
		Broad ovate	3	Arka Anupama, Co-1		
		Medium elliptic	4	-		

		Broad elliptic	5	-		
13. (* (+)	Leaf blade: shape of apex	Acute	1	HS-23	20	VG
		Obtuse	2	Pusa Bharathi, All Green		
		Rounded	3	Arka Anupama		
14. (* (+)	Petiole: color	White	1	-	20	VG
		Green	2	Arka Anupama, Pusa Bharathi, Pusa Harit, Co-1, HS-23, All Green		
		Pink	3	-		
		purple	4	-		
15. (* (+)	Petiole: length (cm)	Short (<10 cm)	3	-	20	MS
		Medium (10.1-12 cm)	5	Arka Anupama, All Green		
		Long (>12 cm)	7	Pusa Bharathi, Pusa Harit, HS-23		
16. (* (+)	Petiole: width (cm)	Narrow (< 0.6)	3	Pusa Bharathi	20	MS
		Medium (0.61- 0.8)	5	Arka Anupama, All Green, HS-23		
		Broad (> 0.8)	7	-		
17. (* (+)	Petiole: attitude	Erect	1	Arka Anupama, Pusa Harit, Co-1	20	VG
		Semi -erect	2	Pusa Bharathi, HS-23		

		Horizontal	3	-		
18. (* (+)	Time of bolting	Early (<65 days)	3	Arka Anupama	30	VG
		Medium (65.1-70 days)	5	All Green, HS-23, Co-1		
		Late (>70 days)	7	Pusa Bharathi, Pusa Harit		
19. (* (+)	Seed: spines (harvested seed)	Absent	1	Arka Anupama, Pusa Bharathi, Pusa Harit, Co-1, HS-23, All Green	40	VG
		Present	9	-		
20.	Resistance to <i>Cercospora</i> spp (Specify the infestation or infection using any 1-9 scale)	Very low or no visible sign of susceptibility	1	-	40	VG
		Low	3	Arka Anupama		
		Intermediate	5	Pusa Bharathi, All Green		
		High	7	-		
		Very high	9	-		

VIII. Explanations on the Table of Characteristics

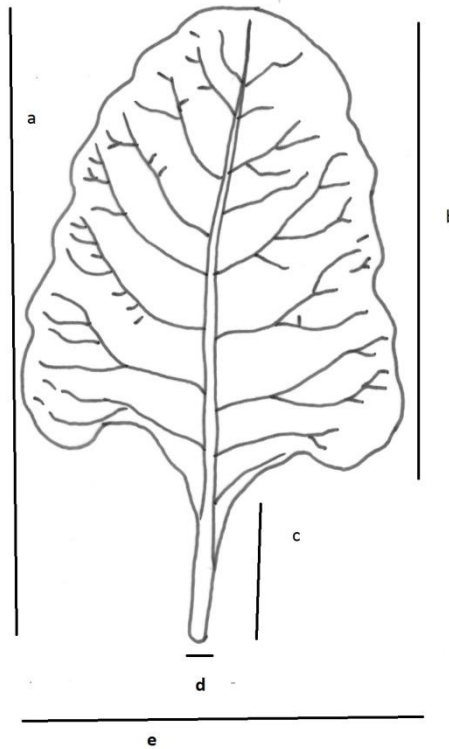
Characteristic 3 Leaf: Length (a)

Characteristic 5 Leaf blade: Length (b)

Characteristic 6 Leaf blade: Width (e)

Characteristic 15. Petiole: Length (c)

Characteristic 16. Petiole: Width (d)



Characteristic 10. Leaf blade: Lobing



1

Absent or very weak



3

Weak



5

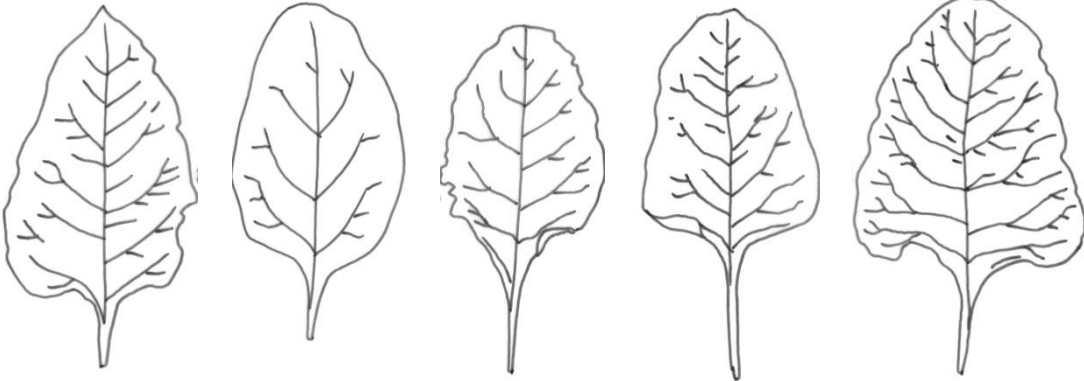
Medium



7

Strong

Characteristic 12. Leaf blade: Shape (excluding basal lobes)



1

2

3

4

5

Triangular

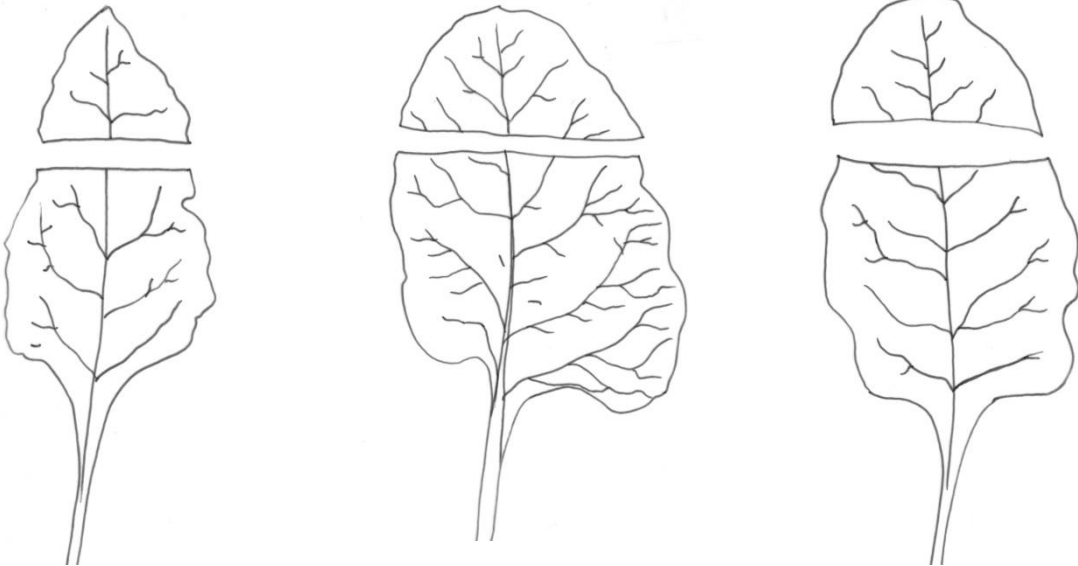
Medium ovate

Broad ovate

Medium elliptic

Broad elliptic

Characteristic 13. Leaf blade: Shape of apex



1

2

3

Acute

Obtuse

Rounded

Characteristic 17. Petiole: Attitude



1
Erect

2
Semi-erect

3
Horizontal

Characteristic 18. Plant: Time of bolting

The time of bolting of a plant is when the central flowering stem appears through stretching of the internodes

Characteristic 19. Seed: Spines



1
Absent



9
Present

IX. Working Group Details

The Test Guidelines developed by the Task Force Committee (10/2014) constituted by the PPV & FR Authority for development of these guidelines with the consultation of Indian Institute of Horticulture Research (IIHR), Bengaluru and technical advice also received from the officials of PPV&FR Authority to finalized.

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IX. DUS testing centers

Nodal Centre	Other Centre
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Carnation (*Dianthus caryophyllus* L.)

I. Subject

These test guidelines shall apply to all varieties of *Dianthus caryophyllus* L.

II. Seed Material Required

1. The Protection of Plant Varieties and Farmers' Rights Authority (PPV & FRA) shall decide when, where and in what quantity and quality of the plant material required for testing the variety is to be delivered. Applicants submitting plant material from a country other than India must make sure that all customs and formalities are complied with.
2. The planting material is to be supplied in the form of rooted cuttings.
3. The minimum quantity of planting material, to be supplied by the applicant, should be 150 rooted cuttings.
4. The planting material supplied should be visibly healthy, not lacking in vigour or affected by any important pest or disease.
5. The plant material must not have undergone any treatment unless the competent authorities allow or request such treatment. If it has been treated, full details of the treatment must be given.

III. Conduct of Tests

1. The minimum duration of test should normally be a single growing cycle.
2. The test should normally be conducted at two different locations. If any essential characteristic of the variety cannot be observed at these places, the variety may be tested at an additional place.
3. The tests should be carried out under conditions ensuring satisfactory growth for the expression of the relevant characteristics of the variety and for the conduct of the examination.
4. In particular, it may be necessary for separate growing trials to be established for cut flower types, garden types and pot types in order to ensure the satisfactory growth of varieties of those types.
5. Each test shall include 75 plants per test centre which should be divided among 3 replications. Separate plots for observations and for measuring can only be used if they have been subjected to similar environmental conditions.

6. Test plot design

Number of rows	:	5
Bed width	:	100 cm
Row to row distance	:	20 cm
Plant to plant distance	:	20 cm
Number of replications	:	3

7. Observations should not be recorded on plants in border rows.
8. If needed, additional test protocols for special purpose shall be established by the PPV&FR Authority.

IV. Methods and Observations

1. The characteristics described in the Table of Characteristics (Section VII) should be used for the testing of varieties for DUS.
2. Because daylight varies, colour determinations made using a colour chart should be made in the middle of the day in a room without direct sunlight. These determinations should be made with the plant part placed against a contrasting background.
3. For the assessment of Distinctiveness and Stability, observations should be made on 30 plants or parts of plants selected randomly, which should be divided among 3 replications (10 plants in each replication).
4. For the assessment of Uniformity of characteristics in the plot as a whole (visual assessment by a single observation of a group of plants or parts of plants), a population standard of 1% with an acceptance probability of at least 95% should be applied.

V. Grouping of Varieties

1. The collection of varieties to be grown should be divided into groups to facilitate the assessment of Distinctiveness. Characteristics which are suitable for grouping purposes are those, which are known from experience not to vary, or to vary only slightly, within a variety. Their various states of expression should be fairly evenly distributed throughout the collection.
2. The following shall be used as grouping characteristics:
 - a. Plant: cultural type (Characteristic 1)
 - Type 1: one flower per stem (Standard)
 - Type 2: more than one flower per stem (Spray)
 - Type 3: pot carnation

In varieties bred to be grown as spray carnation, the lateral flower heads or lateral shoots are not removed. In varieties bred to be grown as one flower per stem carnation, the lateral flower heads or lateral shoots (if existing) are removed at an early stage to leave just the terminal flower head. Varieties bred to be grown as pot carnation do not need a cold treatment (period) to induce optimal flowering.

- b. Flower: type (Characteristic 37)
- c. Petal: main colour (Characteristic 48)
- d. Petal: secondary colour (Characteristic 49)

VI. Characteristics and Symbols

1. To assess Distinctiveness, Uniformity and Stability, the characteristics and their states as given in the Table of Characteristics should be used.

2. Notes (1-9) should be used for the purpose of recording and electronic processing of data. Each state of expression is allotted a corresponding numerical note (1-9) for the different characteristics.

3. Legend

(*) Characteristics that should be used in every growing season on all varieties and shall always be included in the description of the variety, except when the states of expression of any of these characters is rendered impossible by a preceding characteristic or by the environmental conditions of the testing region. Under such exceptional situation, adequate explanation shall be provided.

(a) to (g), (+) See the Explanation on the Table of Characteristics in Section VIII.

4. **QL:** Qualitative characteristic

QN: Quantitative characteristic

PQ: Pseudo-qualitative characteristic

5. Type of assessment of characteristics indicated in Section VII of Table of Characteristics is as follows:

MG	:	Measurement by a single observation of a group of plants or parts of plants.
MS	:	Measurement of a number of individual plants or parts of plants.
VG	:	Visual assessment by a single observation of a group of plants or parts of plants.
VS	:	Visual assessment by observations of individual plants or parts of plants.

VII. Table of Characteristics

S. No.	Characteristics	States of expression	Notes	Example Varieties	Stage of observation	Type of Assessment
1. (a) QL (*)	Stem: flowering laterals	absent	1	All standard varieties	At full flowering stage	VS
		present	9	Cs-1, H-13, Ooty Spray		
2. (a) QL (*) (+)	Stem: number of internodes between epicalyx and lowest node with laterals with flower	one	1	-----	At full flowering stage	VS
		two	2	-----		
		three	3	-----		
		four	4	-----		
		more than five	5	All standard varieties		

	buds or flowers					
3. (a)Q N	Plant: second order laterals, flower buds or flowers	absent	3	-----	At full flowering stage	VG
		few	5	-----		
		many	7	Cs-1, H-13, Ooty Spray		
4. PQ (a) (+)	Stem: arrangement of totality of flowers	horizontal	3	Cs-1, H-13, Ooty Spray	At full flowering stage	VG
		domed	5	All standard varieties		
		cylindrical	7	-----		
5. QL (a) (+)	Plant: arrangement of individual flowers, top flower excluded	single	1	All standard varieties	At full flowering stage	VG
		clustered	2	Cs-1, H-13, Ooty Spray		
		both	3	-----		
6. (b) (* QN	Main stem: length of internode (cm)	short (upto 5)	3	Cs-1, H-13, Ooty Spray	At full flowering stage	MS
		medium (5-10)	5			
		long (> 10)	7	Kleos, Marathon		
7. (c) PQ	Stem: thickness of internode (mm)	thin (less than 4)	3	Turbo Red, Pink Dover, White Dover	At full flowering stage	MS
		medium (4-8)	5	Gaudina, Raggio-di-Sole, White Baltico, Bizet		
		thick (more than 8)	7	Dustin		
8. (b) QL (*	Stem: cross section	circular	1	Cinderella, Madame Colette	At full flowering stage	VG
		edged	2	Aicardi		
9. QL	Stem: hollowness	absent	1	All standard and spray varieties	At full flowering stage	VG
		present	9	-----		
10. (d) (* PQ (+)	Leaf: shape of apex	ovate	1	Bright Rendezvous, Farmer Yellow, Pink Dover,	At full	VS
		linear	2	Gaudina, White Wedding, Navidad		
		elliptic	3	Kleos, White Baltico, UnknownRed, Madame Colette, Kiro, Bizet		

		obovate	4	Flamina Violet, White Dover, Diama, 12-604, Tempo Pink	flowering stage	
11. (d) (* QN	Leaf: length (cm)	short (< 5)	3	-----	At full flowering stage	MS
		medium (5-10)	5	Don Pedro		
		long (> 10)	7	Rendezvous, Pink Dover, Bizet		
12. (d) (* QN	Leaf: width (mm)	narrow (< 5)	3	White Wedding, Madame Colette,	At full flowering stage	MS
		medium(5-10)	5	Madras, Don Pedro, Kiro, Bizet		
		broad (> 10)	7	Klaus		
13. (d) (* PQ (+)	Leaf: longitudinal axis	straight	1	Cinderella, Turbo Red, Liberty	At full flowering stage	VS
		weakly recurved	2	Navidad, White Dover, Tempo Pink, Pink Dover, Felix		
		moderately recurved	3	Castellaro-2000, Bizet		
		strongly recurved	4	Glampi		
		rolled	5	-----		
14. (d) PQ (+)	Leaf: cross section (upper side)	straight	1	-----	At full flowering stage	VG
		weakly concave	2	Rendezvous, Kleos, Cool		
		moderately concave	3	Cinderella, Liberty, Dark Rendezvous,		
		strongly concave	4	Marathon, Raggio-di-Sole		
15. (d) QN	Leaf: waxy layer	absent	1	-----	At full flowering stage	VG
		present	9	Raggio-di-Sole, Aicardi		
16. (* PQ (+)	Bud: shape	globose	1	Raggio-di-Sole, Domas	Just after colour showing stage	VG
		cylindrical	2	Marathon, Master, White Baltico, Unknown White		
		ovoid	3	-----		
		ellipsoid	4	Turbo Red, Hermes, Navidad		
		obovoid	5	Madras, Don Pedro		
17.	Bud: extrusion	absent	1	Snow Storm, Don Pedro, Diana	Just after	VG

(e) (* QL (+)	of styles			Yellow, Nordika	colour showing stage	
		present	9	Yanez		
18. (* QN (+)	Flower: height of corolla (cm)	low (upto 2)	3	-----	At full flowering stage	MS
		medium (>2 – 4)	5	Kleos, Madras, Marathon		
		tall (> 4)	7	Pink Dover, Madame Colette		
19. (* PQ (+)	Flower: profile of upper part of corolla	concave	1	Madras, Purias	At full flowering stage	VS
		flat	2	Marathon, Don Pedro, Bizet		
		flat convex	3	Rendezvous, Madame Colette, Tempo Pink , Farmer Yellow, Kiro		
		convex	4	Turbo Red, Dark Rendezvous, Dustin		
20. (* PQ (+)	Flower: profile of lower part of corolla	concave	1	Rendezvous, White Baltico, Castellor-2000, Kiro, Bizet	At full flowering stage	VS
		flat	2	Marathon, Flamina Violet, Navidad		
		flat convex	3	Dark Rendezvous, Don Pedro, Madame Colette		
		convex	4	-----		
21. QL	Epicalyx: position of outer bractiole⁴⁵ in relation to calyx	adpressed	1	-----	At full flowering stage	VG
		free	2	All standard varieties		
22. (* PQ (+)	Epicalyx: apex of outer lobes	acute	1	-----	At full flowering stage	VG
		acute to acuminate	2	All standard varieties		
		acuminate	3	-----		
23. QN (+)	Epicalyx: length of apex of outer lobes (mm)	short (< 2)	3	-----	At full flowering stage	MS
		medium (2-4)	5	Raggio-di-Sole, Baltico, White Baltico, Navidad		
		long (> 4)	7	Master, Pink Dover, Felix, Luna		
24. (* PQ (+)	Epicalyx: apex of inner lobes (mm)	acute	1	All standard varieties	At full flowering stage	VG
		acute to acuminate	2	-----		
		acuminate	3	-----		

25. QN (+)	Epicalyx: length of apex of inner lobes (mm)	short (< 2)	3	Cool	At full flowering stage	MS
		medium (2-4)	5	Raggio-di-Sole, Baltico, Madame Colette		
		long (> 4)	7	Aicardi, Don Pedro, Kiro, Bizet		
26. QN (+)	Calyx: length (cm)	short (<2)	3	Cs-1	At full flowering stage	MS
		medium (2-4)	5	All Standard varieties		
		long (> 4)	7	-----		
27. PQ (+)	Calyx: shape	funnel-shaped	1	-----	At full flowering stage	VG
		cylindrical	2	White Baltico, Madame Colette, Farmer Yellow		
		campanulate	3	Happy Golem, Navidad		
28. PQ (+)	Calyx: longitudinal axis of lobes (tip excluded)	straight	3	Marathon, Wizard	At full flowering stage	VG
		concave	5	Master		
		angled	7	-----		
		convex	9	Happy Golem, Dark Rendezvous, Navidad		
29. QL (+)	Calyx: anthocyanin colouration of lobes	absent	1	Raggio-di-Sole, White Baltico, Navidad, White Dover, Kiro	At full flowering stage	VS
		present	9	Don Pedro		
30. PQ (+)	Calyx: position of anthocyanin colouration	edge of lobe	1	Turbo Red, Don Pedro	At full flowering stage	VS
		whole lobe	2	Gaudina, Flamina Violet, Bizet		
		whole calyx	3	-----		
31. PQ	Calyx: hue of anthocyanin colouration RHS colour chart (indicate reference number)	reddish	1	Don Pedro, Gaudina	At full flowering stage	VS
		purplish	2	Marathon, Happy Golem		
		blackish	3	-----		
32. PQ (+)	Calyx: shape of lobe	long acute	1	Dark Rendezvous, Navidad	At full flowering stage	VG
		short acute	2	Raggio-di-Sole, Gaudina, Don Pedro		
		short acuminate	3	Domingo		

33. QN (+)	Calyx: length of lobe (cm)	short (up to 1)	3	Baltico, Raggio-di-Sole, White Dover	At full flowering stage	MS
		medium (1-2)	5	Cool, Madame Colette, Bizet, Kiro		
		long (>2)	7	-----		
34. (* QL	Flower: type	single	1	-----	At full flowering stage	VG
		double	9	All standard varieties		
35. (* QN	Varieties with double flowers only: Flower: number of petals	few (up to 40)	3	Cs-1, Ooty Spray, H-13	At full flowering stage	MS
		medium (40-80)	5	Madras, Spike, Madame Colette		
		many (> 80)	7	Kiro, Star, Big Mama		
36. (f QL (+)	Petal: predominant shape	type 1	1	Raggio-di-Sole, Don Pedro	At full flowering stage	VG
		type 2	2	Flamina Violet, White Baltico, Bizet		
		type 3	3	Madras, Bright Rendezvous, Navidad		
		type 4	4	Rendezvous, Wizard, Tempo Pink		
		type 5	5	-----		
		type 6	6	-----		
37. (f PQ (+)	Petal: surface of blade	flat	3	Liberty, White Baltico, Tempo Pink, Flamina Violet	At full flowering stage	VG
		undulate	5	Madame Colette, Don Pedro, Kiro		
		folded	7	Kleos, White Dover		
38. (f QL	Petal: incisions of margin	absent	1	-----	At full flowering stage	VG
		present	9	All standard varieties		
39. (f (* PQ (+)	Petal: type of incisions of margin	sinuate	1	----	At full flowering stage	VG
		crenate	3	Bright Rendezvous, Unknown Red-2		
		dentate	5	Purias		
		serrate	7	Cool, Snow Storm, Madame Colette		
		crenate-dentate	9	Don Pedro, Castellaro-2000		
40. (f)	Petal: depth of incisions of	shallow (up to 4)	3	Madras, Tempo Pink, Flamina Violet, Felix, Kiro		MS

QN	margin (mm)	medium (>4-8)	5	Gaudina, Don Pedro	At full flowering stage	
		deep (>8)	7	Pink Dover, White Baltico, Madame Colette		
41. (f) QN (+)	Petal: length (cm)	short (upto 4)	3	Master, Don Pedro, Kiro	At full flowering stage	MS
		medium (>4-8)	5	Baltico, Cool , Dustin		
		long (> 8)	7	-----		
42. (f) QN (+)	Petal: width (cm)	narrow (up to 2)	3	Marathon	At full flowering stage	MS
		medium (>2-4)	5	Tamarind, Baltico		
		broad (> 4)	7	-----		
43. (f) (* PQ	Petal: number of colours of blade (claw and macule excluded)	one	3	Bizet, Don Pedro, Kiro, White Baltico	At full flowering stage	VG
		two	5	Bright Rendezvous, Navidad, 940,Tempo Pink,12-668		
		three	7	-----		
		more than three	9	-----		
44. (f) (* PQ (+)	Varieties with more than one colour only: Petal: colour pattern of blade (claw and macule excluded)	picotee	1	Bright Rendezvous, Happy Golem, Tempo Pink	At full flowering stage	VG
		edged	2	-----		
		striated	3	-----		
		speckled	4	Madame Colette, Raggio-di-Sole, Myrella		
		picotee-striated	5	-----		
		picotee-speckled	6	Star		
		edged-48striated	7	Rendezvous, Purias,		
		edged-speckled	8	-----		

		picotee- striated- speckled	9	-----			
		edged- striated- speckled	10	-----			
		striated- speckled	11	-----			
		shading off	12	-----			
		flushed	13	-----			
45. (f) (g) (* PQ	Petal: main colour (macule and claw excluded)	RHS Colour Chart (indicate reference number)		Variety	Main Colour	At full flowering stage	VG
				Rendezvous	Red Purple Group 72(B)		
				Madras	Yellow Group 13(D)		
				Happy Golem	White Group 115 (D)		
				Bright Rendezvous	Yellow Group 3 (D)		
				Tempo	Red Group 36 (D)		
46. (f) (g) PQ	Petal: secondary colour (macule and claw excluded)	RHS Colour Chart (indicate reference number)		Variety	Secondary Colour	At full flowering stage	VG
				Rendezvous	Purple Violet Group 82(D)		
				Madras	Red Purple Group 64(A)		
				Happy Golem	Red Purple Group 72 (D)		
				Bright Rendezvous	Red Group 48 (B)		
				Tempo	Purple Group 59 (B)		
47. (* QL (+)	Petal: macule	absent	1	All standard varieties		At full flowering stage	VG
		present	9	-----			
48. PQ	Petal: macule: main colour	RHS Colour Chart (indicate reference		-----		At full flowering stage	VG

		number)				
49. (* PQ (+)	Ovary: shape	globose	1	-----	At full flowering stage	VG
		ellipsoid	2	Rendezvous, Madras, Castellaro-2000		
		ovoid	3	Turbo Red, White Baltico, Flamina Violet, Bizet		
		obovoid	4	Bright Rendezvous, Diama		
		rhomboid	5			
		cylinder	6	-----		
50. PQ	Ovary: main colour of lower part	whitish	1	Marathon, Gaudina	At full flowering stage	VG
		yellowish	2	Baltico, Cool, Nordika		
		green	3			
51. QL	Ovary: surface	smooth	1	Rendezvous, Dark Rendezvous, Flamina Violet, Felix	At full flowering stage	VG
		ribbed	2	Madras, Happy Golem, White Baltico, Kiro		
52. QL	Styles: number	only two	1	Dark Rendezvous, Madras, Don Pedro	At full flowering stage	VS
		two and three	2	-----		
		only three	3	Turbo Red, Madame Colette		
		three and four	4	Kleos		
		only four	5	Master, Cinderella, White Baltico, Kiro		
		two, three, four and five	6	Snow Storm, Cool		
		more than five	7	-----		
53. QN	Style: length (cm)	short (upto 2)	3	Snow Storm, Castello-2000	At full flowering stage	MS
		medium (>2 – 4)	5	Madras, Don Pedro		
		long (> 4)	7	Liberty		
54. QL (+)	Style: shoulder	absent	1	Rendezvous, Marathon, Hermes, Madame Colette, White Baltico	At full	VG

		present	9	Gaudina, Pink Dover, Dustin, Castellaro-2000, Star	flowering stage	
55. PQ (+)	Stigma: colour	white or cream	1	White Baltico, Madame Colette, Tempo Pink, Kiro	At full flowering stage	VG
		yellow	2	Happy Golem, Master		
		pink	3	Attend		
		white with red flush	4	Master, Tamarind, Castellaro-2000		
		white with purple flush	5	Turbo Red, Gaudina, Dustin		
		red	6	-----		
		pale purple	7	Purias		
		purple	8	-----		

VIII. Explanations for individual characteristics

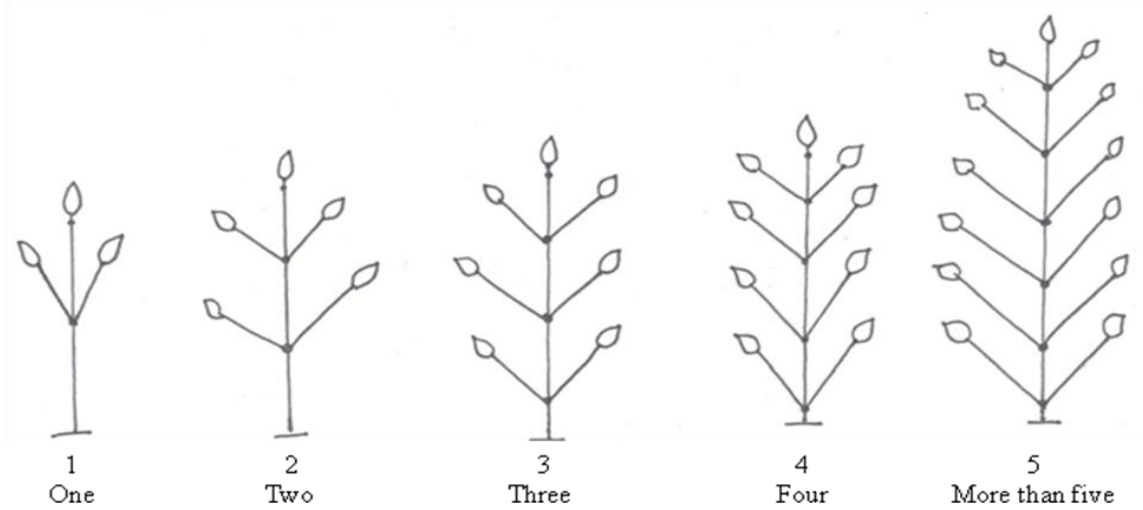
i. Explanation covering several characteristics

Unless otherwise indicated below, all characteristic should be recorded at the time of full flowering.

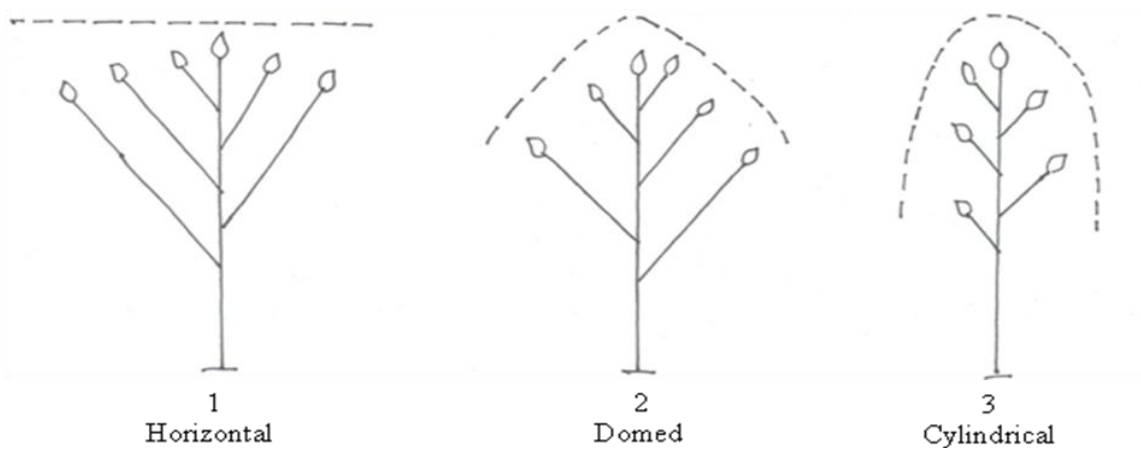
Characteristics containing the following key in the first column of the Table of Characteristics should be examined as indicated below:(a)	Stem	Only to be observed in varieties bred to be grown as spray carnations, without disbudding
(b)	Length of internode	The main stem can be found by following the most direct line from top-flower to base. In varieties bred to be grown as spray and as one flower per stem carnation the total length of seven internodes directly below flower should be observed. In varieties bred to be grown as pot carnation, the total length of five internodes directly below flower should be observed. This characteristic should only to be observed if at least seven internodes for spray and one flower per stem (pot carnation, five internodes) are present.
(c)	Thickness of internode	In varieties bred to be grown as spray and as one flower per stem carnation the thickness of fifth internode directly below flower should be observed. In varieties bred to be grown as pot carnation the thickness of third internode directly below flower should be observed.
(d)	Leaf	In varieties bred to be grown as spray and as one flower per stem carnation to be observed on the fifth node directly below flower. In varieties bred to be grown as pot carnation to be observed on the third node directly below flower.
(e)	Bud	To be observed immediately before colour shows.
(f)	Petal	To be observed on petals of the outer third row.
(g)	Petal colour	The main colour is the colour with the largest total surface area, the secondary colour (if present) is the colour with the second largest total surface area. In case of when none of the colours is clearly predominant then the lightest colour will be the main colour
(+)	Diagram/photographs shown	

ii) Explanation for individual characteristic

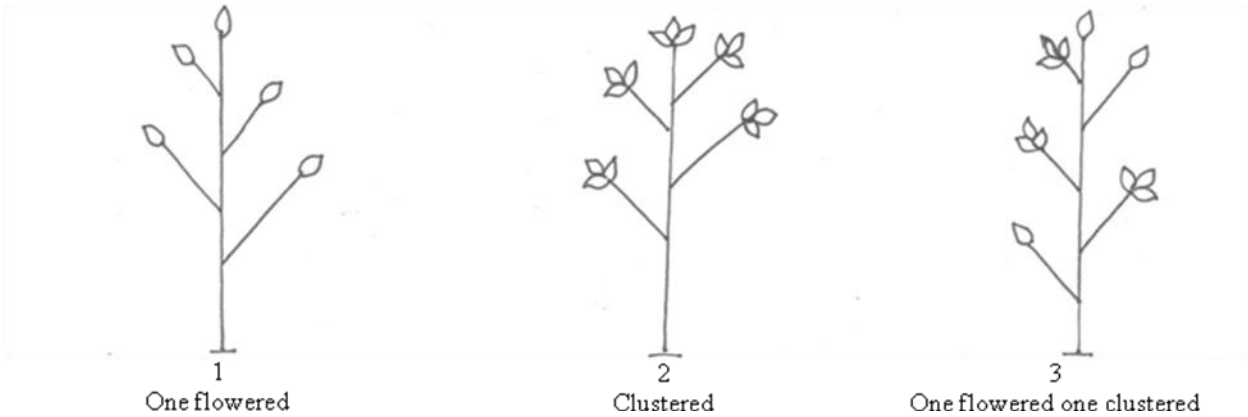
Characteristic 2. Stem: Number of internodes between epicalyx and lowest node with laterals with flower buds or flowers



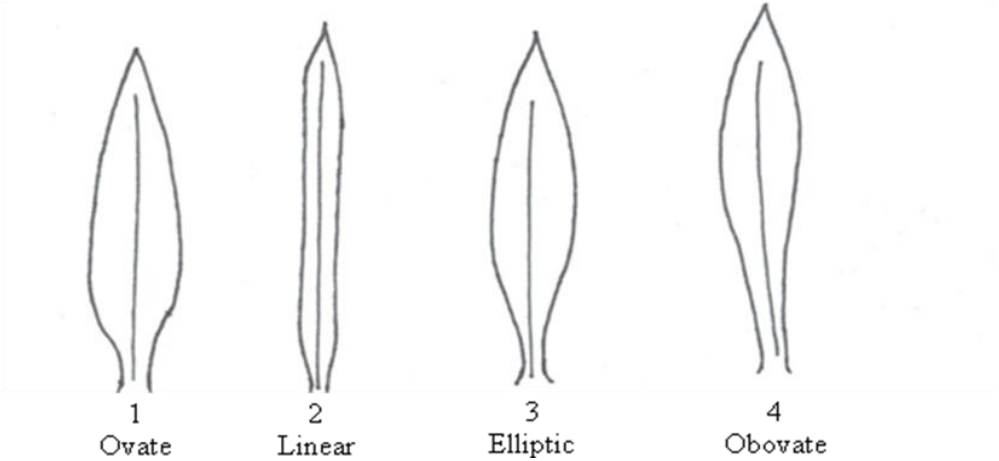
Characteristic 4. Stem: Arrangement of totality of flowers

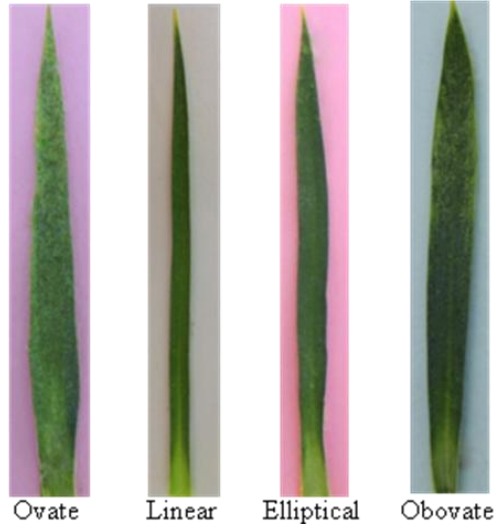


Characteristic 5. Plant: arrangement of individual flowers, top flower excluded

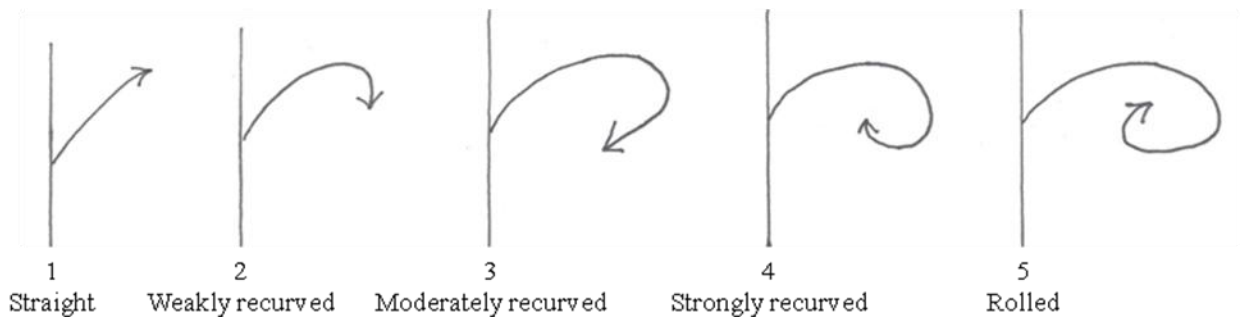


Characteristic 10. Leaf: shape





Characteristic 13: Leaf: Longitudinal axis



Characteristic 14. Leaf: Cross section (upper side)



Characteristic 16. Bud: Shape



1
Globose

2
Cylindrical

3
Ovoid

4
Ellipsoid

5
Obovoid



Globose

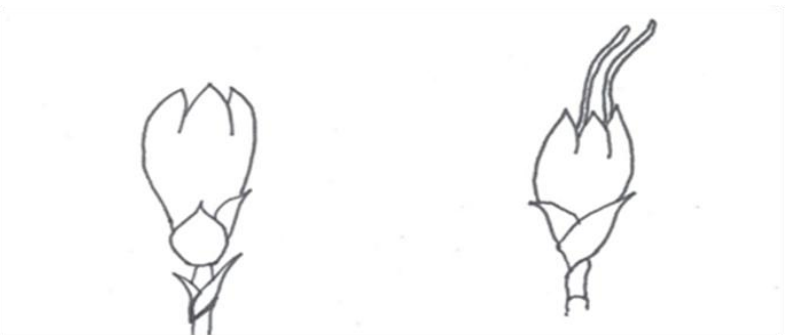
Cylindrical

Ellipsoid

Ovoid

Obovoid

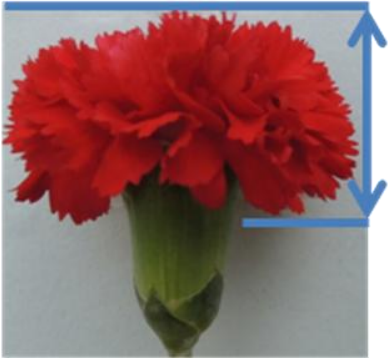
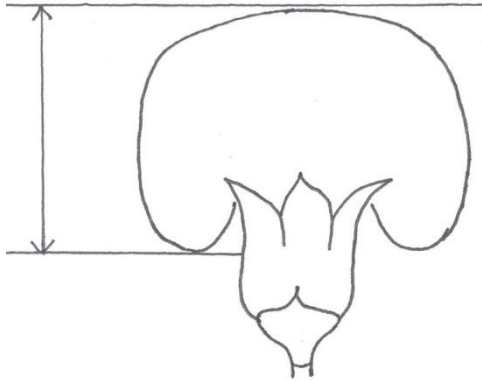
Characteristic 17. Bud: extrusion of styles



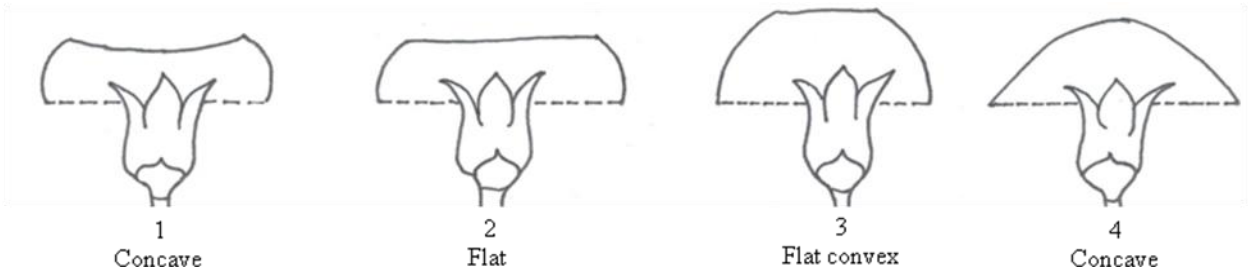
1
Absent

9
Present

Characteristic 18: Flower: height of corolla



Characteristic 19. Flower: profile of upper part of corolla



Concave



Flat

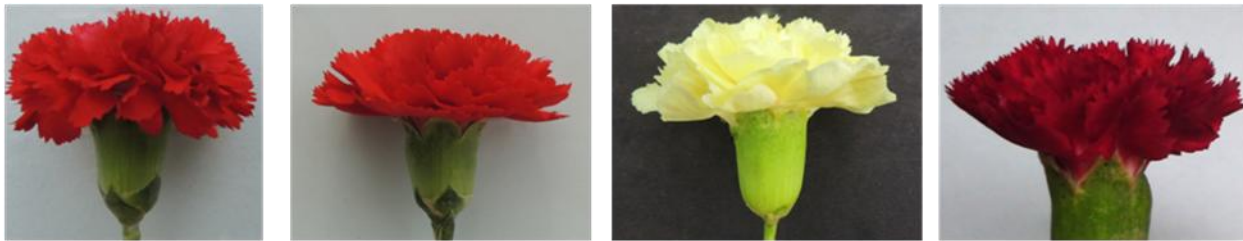
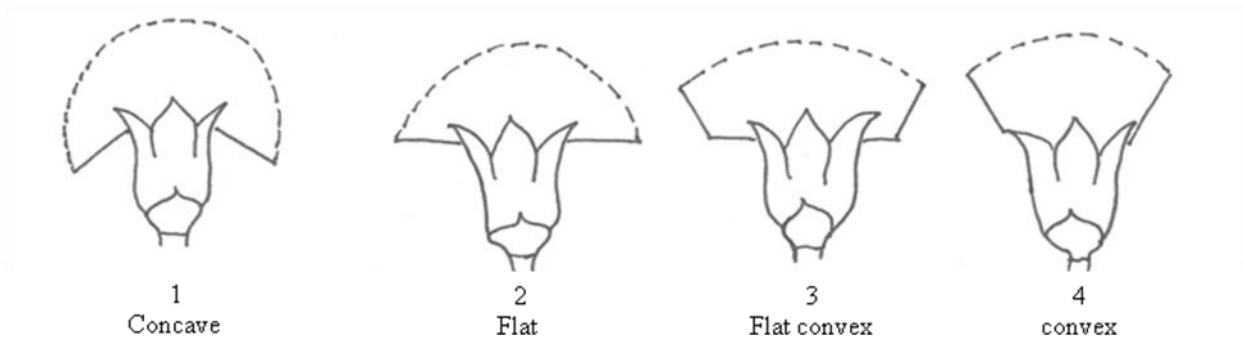


Flat convex

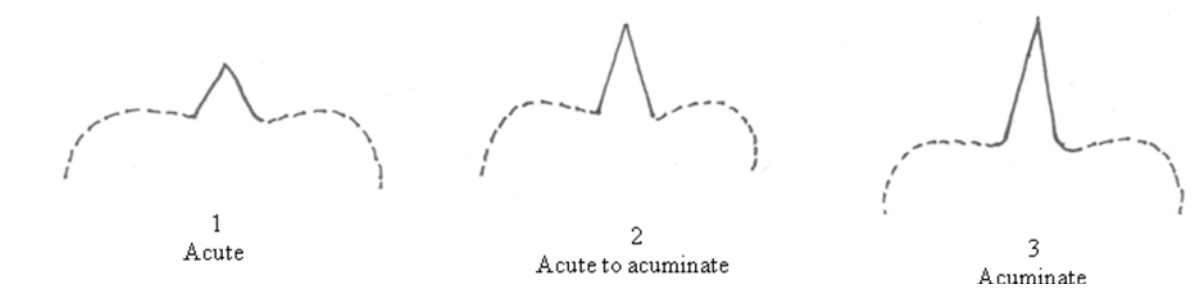


Convex

Characteristic 20: Flower: profile of lower part of corolla



Characteristic 22+24. Epicalyx: apex of outer lobes/inner lobe

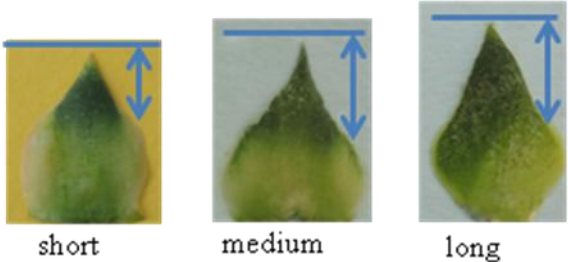
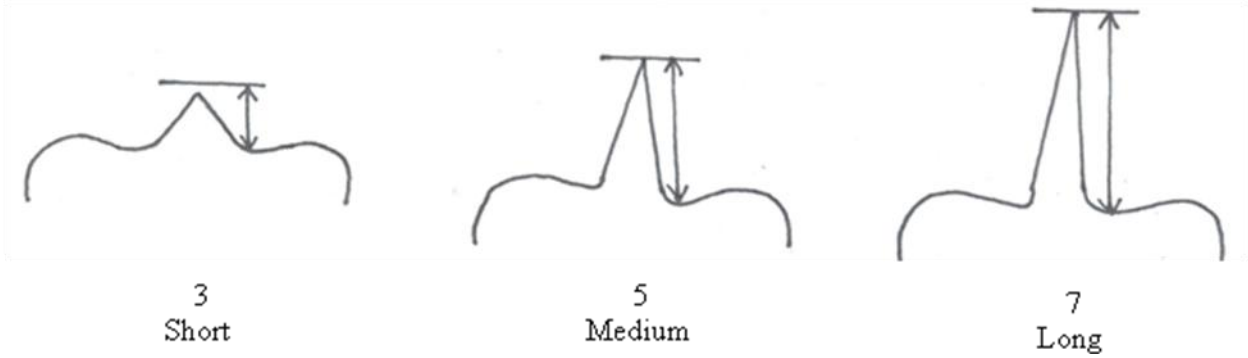


Inner lobe: acute

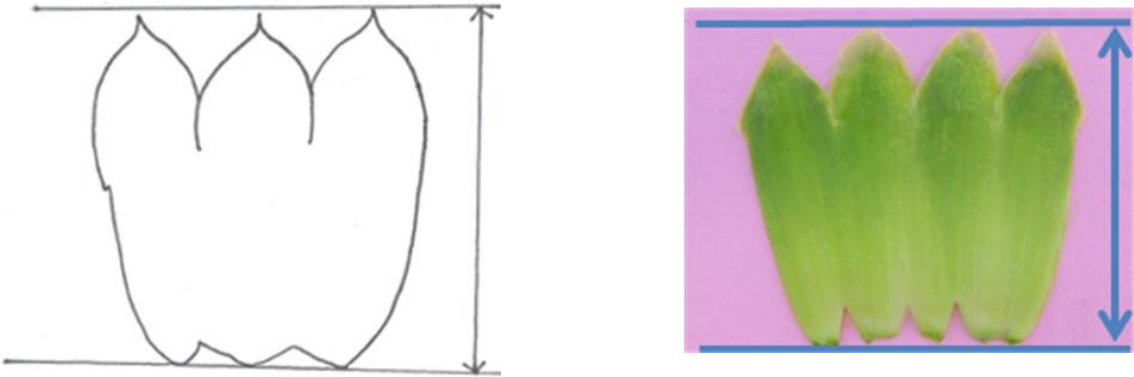


Outer lobe: acute to acuminate

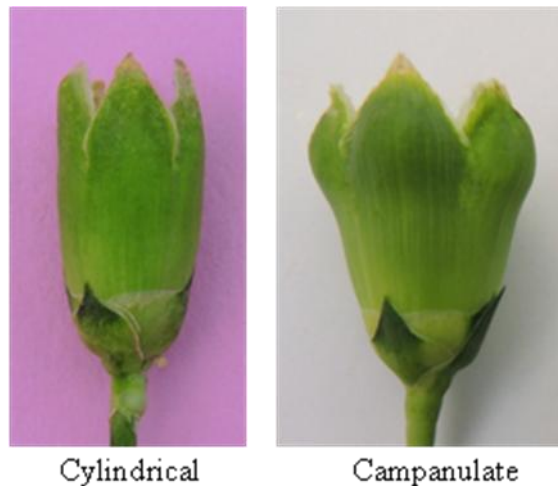
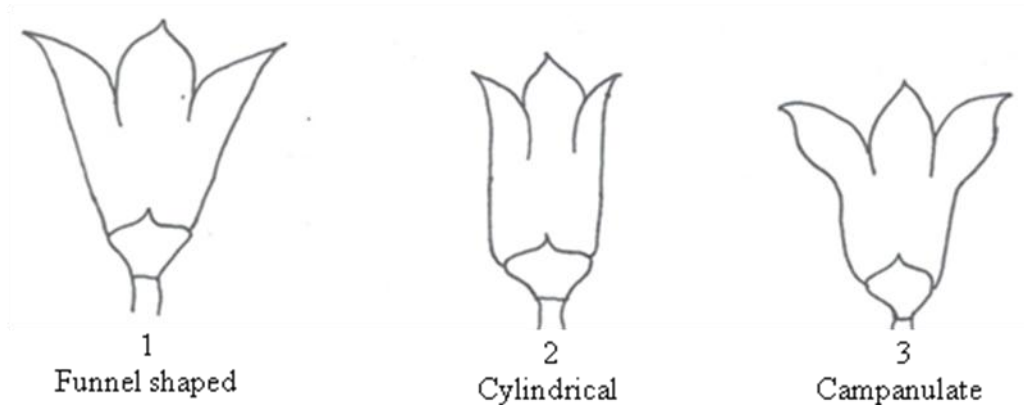
Characteristic 23+25. Epicalyx: length of apex of outer/inner lobes



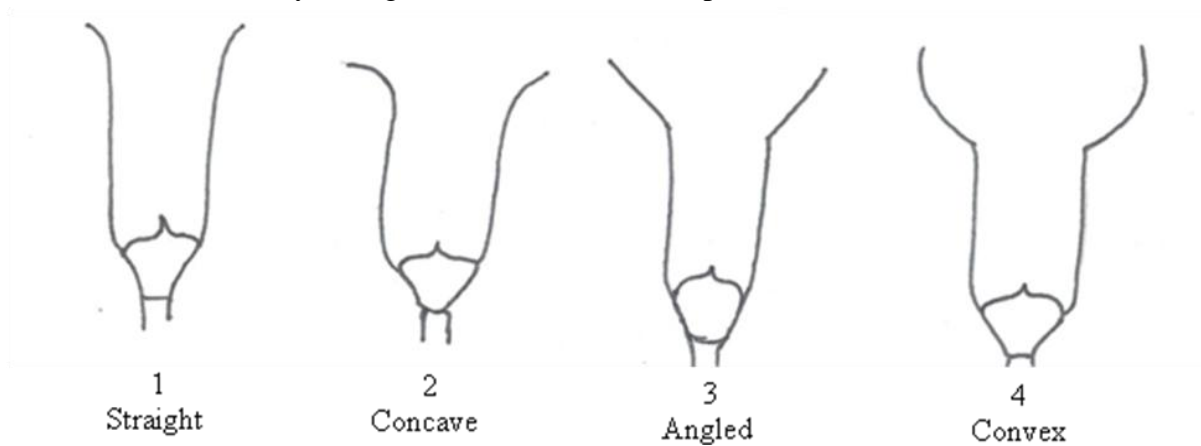
Characteristic 26. Calyx: length



Characteristic 27. Calyx: shape



Characteristic 28. Calyx: longitudinal axis of lobes (tip excluded)





Straight



Concave

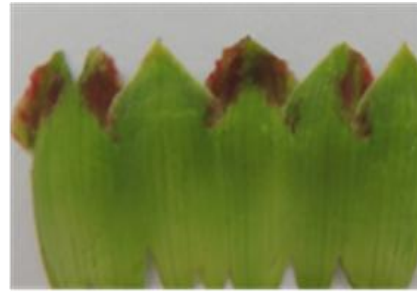


Convex

Characteristic 29. Calyx: anthocyanin colouration of lobes



Absent

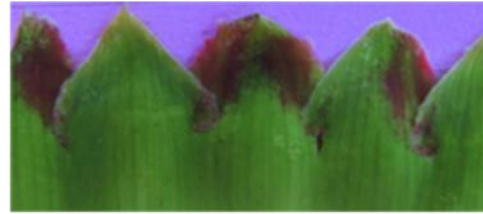


Present

Characteristic 30. Position of anthocyanin colouration



edge of lobes



whole lobes

Characteristic 32. Calyx: shape of lobe



1
Long acute

2
Short acute

3
Short acuminate



long acute

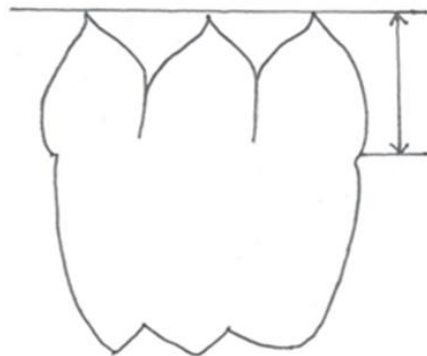


short acute

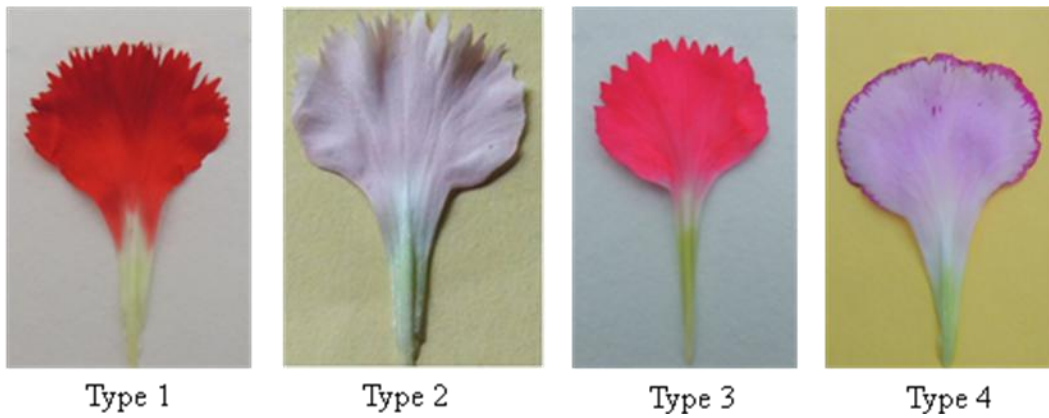
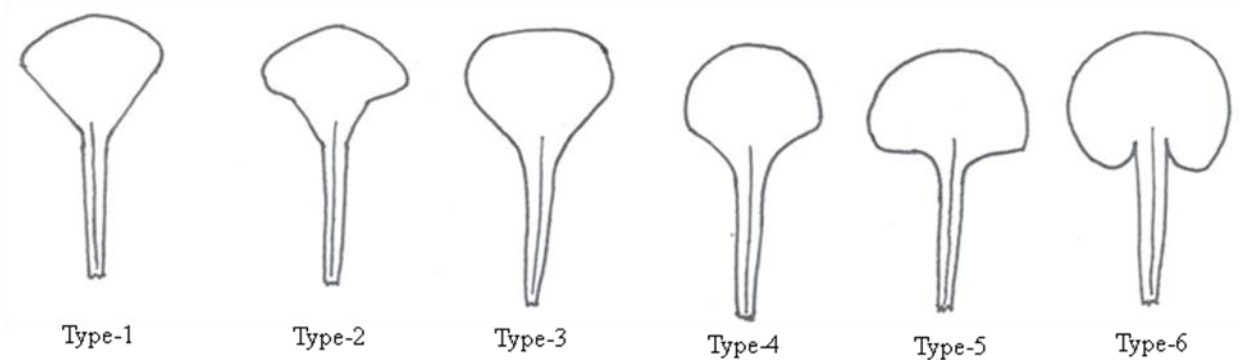
Characteristic 33: Calyx:
length of lobe

Characteristic 34. Flower:
type

When a flower has more than 5 petals, it can be classified as a double flower type.



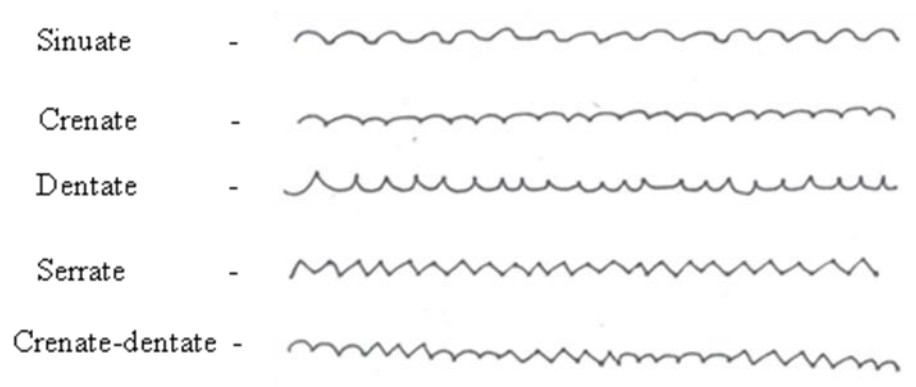
Characteristic 36. Petal: prominent shape



Characteristic 37. Petal: surface of blade



Characteristic 39. Petal: incisions of margins



Crenate

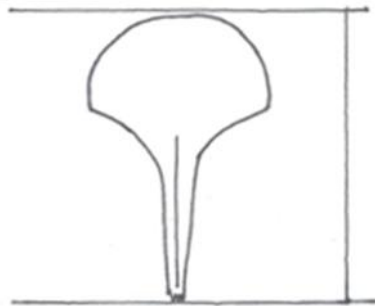


Serrate

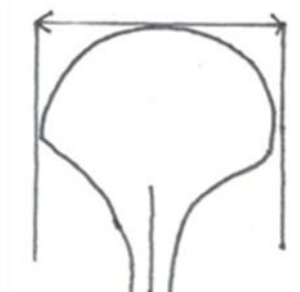


Crenate -dentate

Characteristic 41. Petal: length



Characteristic 42. Petal: width



Characteristic 43. Petal: number of colors of blade (claw and macule excluded)



Characteristic 44. Varieties with more than one color only: Petal: color pattern of blade (claw and macule excluded)



Characteristic 45. Petal: main colour (macule and claw excluded)

Characteristic 46. Petal: secondary colour (macule and claw excluded)

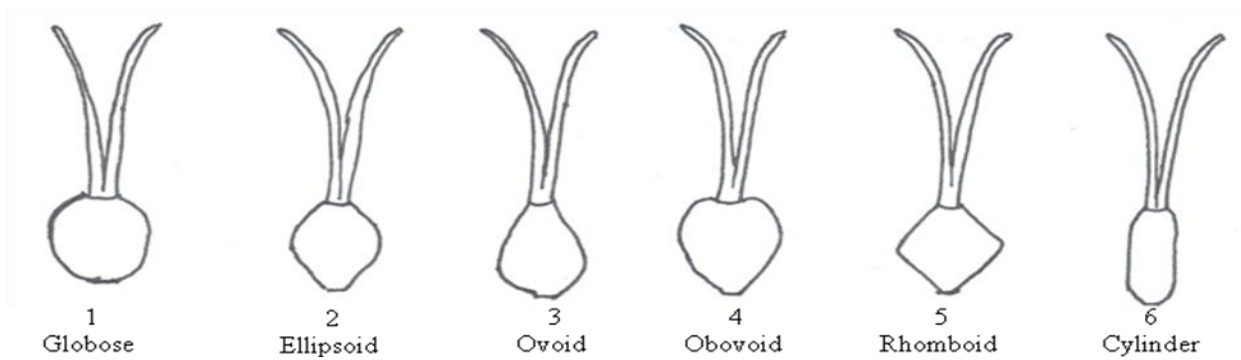
The main colour is the colour with the largest total surface area, the secondary colour (if present) is the colour with the second largest total surface area. In case of when none of the colours is clearly predominant then the lightest colour will be the main colour.

Characteristic 47. Petal: macule

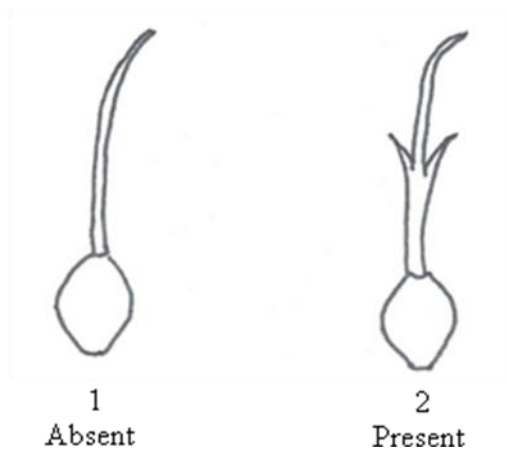


Absent

Characteristic 49. Ovary: shape



Characteristic 54. Style : shoulder



Absent



Present



Characteristic 55. Stigma: colour



White or cream



White with purple
flesh

IX. Working Group Details

The Test guidelines were developed by the Task Force (10/2011) constituted by the PPV&FR Authority, New Delhi in consultation with the Dr. Y.C.Gupta Chairman of the task Force. The technical inputs has also been provided by the officials of the PPV&FR Authority.

The Members of the Task Force

Dr. Y.C. Gupta Head of Division, Dr. Y. S. Parmar University of Horticulture and Forestry, Nauni-Solan, Himachal Pradesh	Chairman
Dr. M. V. Dhananjaya Principal Scientist, Indian Institute of Horticulture Research, Hessarghata, Lake Post, Bangalore	Member
Dr. S. R. Dhiman Professor, Dr. Y. S. Parmar University of Horticulture and Forestry, Nauni-Solan, Himachal Pradesh	Member (Nodal Officer)
Dr. Ravi Prakash Registrar, PPV&FRA, New Delhi	Member Secretary

X. DUS Testing Centres

Nodal Centre	Co-ordinating Centre
Indian Institute of Horticulture Research (IIHR), Hessarghata Lake Post, Bangalore	Dr. Y. S. Parmar University of Horticulture and Forestry, Nauni-Solan, Himachal Pradesh

Orchid (*Paphiopedilum* Pfitz.)

I. Subject : These test guidelines apply to all vegetatively propagated species / varieties of *Paphiopedilum* Pfitz.

II. Plant Material Required

1. The Protection of Plant Varieties and Farmers' Rights Authority (PPV & FRA) shall decide when, where and in what quantity and quality the plant material are required for testing of a variety denomination for registration under the Protection of Plant Varieties and Farmers' Rights (PPV & FR) Act, 2001. Applicants submitting such plant material from a country other than India shall make sure that all customs and quarantine requirements stipulated under relevant national legislations and regulations are complied with.
2. For all varieties, full grown 20 plants (10 for each Centre) shall be required for DUS testing.
3. The plant material supplied should be visibly healthy, not lacking in vigour nor affected by any insect-pests or diseases or mechanical damage.
4. Plant material shall not have undergone any chemical or bio-physical treatment unless the competent authority allow or request such treatment. If it has been treated, details of the treatment must be given.

III. Conduct of Test

1. The minimum duration of test should normally be two similar flowering seasons.
2. Test shall normally be conducted at two places. If any essential characteristic of the variety is not expressed for visual observations at these places, the variety shall be considered for further examination at another appropriate test site or under special test protocol on request of the applicant.
3. The test should be carried out under greenhouse conditions ensuring satisfactory growth for the expression of the relevant characteristics of the variety and for the conduct of the examination.
4. The design of the test should be such that the plants or parts of the plants may be removed for measurement and counting without prejudice to the observations which must be made up to the end of the flowering period. Each test should be designed to a result in total of at least 10 plants.

5. Unless otherwise indicated, all observations determined by measuring or counting should be made on 10 plants or parts taken from each of 10 plants.
6. Additional tests for special purposes may be established.
7. Normally, growth regulators shall not be used.

IV. Methods and Observations

1. The characteristics described in the Table of Characteristics (Section VII) shall be used for the testing of varieties for their DUS.
2. For the assessment of Distinctiveness and Stability, all observations shall be made on 10 plants or parts taken from each of 10 plants.
3. For the assessment of Uniformity, a population standard of 1% and an acceptance probability of at least 95% shall be applied. In the case of a sample size of 10 plants, the maximum number of off-types allowed would be 1.
4. All observations on the shoot shall be made on the flowering shoot.
5. All observations on the leaf shall be made on the longest leaf of a flowering shoot.
6. All observations on the inflorescence and the flower shall be made at the time when 50% of the flowers on the inflorescence have opened and on the most recently fully opened flower on the inflorescence before fading of colour.
7. All observations on the length and width of the flower and parts of the flower shall be made in the spread out position.
8. All observations on the colour of sepal, petal, lip and column shall be made on the inner side.
9. For the assessment of colour characteristics, the Royal Horticultural Society (RHS) colour chart shall be used.

V. Grouping of Varieties

1. The selection of varieties of common knowledge to be grown in the trial with the candidate varieties and the way in which these varieties are divided into groups to facilitate the assessment of distinctiveness is aided by the use of grouping characteristics.
2. Grouping characteristics are those in which the documented states of expression, even where produced at different locations, can be used, either individually or in combination with other such characteristics: (a) to select varieties of common knowledge that can be excluded from the growing

trial used for examination of distinctiveness; and (b) to organize the growing trial so that similar varieties are grouped together.

3. The following have been agreed as useful grouping characteristics:

- a) Floral bract shape (Characteristic 17)
- b) Flower width in front view (Characteristic 24)
- c) Dorsal sepal colour pattern (Characteristic 33)
- d) Synsepal width (Characteristic 36)
- e) Synsepal main colour (Characteristic 39)
- f) Petal orientation (Characteristic 49)
- g) Lip colour pattern (Characteristic 60)
- h) Column staminode size (Characteristic 66)

VI. Characteristics and Symbols

1. To assess Distinctiveness, Uniformity and Stability, the characteristics and their states as given in the Table of Characteristics shall be used.
2. Notes 1-9 (numbers) shall be used to describe the state of each character for the purpose of electronic data processing.
3. Legend

(*) Characteristics that shall be observed during every growing season for varieties and hybrids and shall always be included in the description of the varieties and hybrids, except when the state of expression of any of these characters is rendered impossible by a preceding phenological characteristic or by the environment conditions of the testing region. Under such exceptional situation, adequate explanation shall be provided.

(+) See explanations on the Table of Characteristics

4. Characteristics denoted with symbols QL, QN and PQ in the first column of the Table of Characteristics shall be indicated as :

QL: Qualitative characteristic

QN: Quantitative characteristic

PQ: Pseudo-qualitative characteristic

5. **(a)-(e)** see Section VIII for explanation
6. Type of assessment of characteristics indicated in column six of the Table of Characteristics are as follows:

MG: Measurement by a single observation of a group of plants or parts of plants

MS: Measurement of a number of individual plants or parts of plants

VG: Visual assessment by a single observation of a group of plants or parts of plants

VS: Visual assessment by observations of individual plants or parts of plant

VII. Table of Characteristics

Sl. No.	Characteristic	State	Note	Example Species /hybrids	Type of Assessment
1. QN (a)	Leaf number/flowering shoot	few (<3)	3		MS
		medium (3-6)	5	<i>Paph. lawrenceanum</i> x <i>Paph. 'Winston Churchill'</i> , <i>Paph. concolor</i> , <i>Paph. hirsutissimum</i> , <i>Paph. insigne</i> , <i>Paph. spicerianum</i> , <i>Paph. villosum</i> , <i>Paphiopedilum fairrieanum</i> , PI x PW-29	
		many (more than 6)	7		
2. QN (a)	Leaf length (at flowering) (cm)	short (<10)	3	<i>Paph. insigne</i> , <i>Paphiopedilum fairrieanum</i>	MS
		medium (10-20)	5	<i>Paph. concolor</i> , <i>Paph. hirsutissimum</i> , <i>Paph. insigne</i> , <i>Paph. spicerianum</i>	
		long (> 20)	7	<i>Paph. villosum</i> , <i>Paph. lawrenceanum</i> x <i>Paph. 'Winston Churchill'</i> , PI x PW-29	
3. QN	Leaf breadth (flowering shoot)	narrow (<2)	3	<i>Paphiopedilum fairrieanum</i>	MS

(a)	(cm)	medium (2-4)	5	<i>Paph. concolor, Paph. hirsutissimum, Paph insigne, Paph. spicerianum, Paph.villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', PI x PW-29</i>	
		broad (> 4)	7		
4. (+) PQ (a)	Leaf shape	oblong	1	<i>Paph. concolor, Paph. spicerianum, Paphiopedilum fairrieanum</i>	VG
		elliptic	3	<i>Paph. lawrenceanum x Paph. 'Winston Churchill', PI x PW-29</i>	
		obovate	5		
5. (+) PQ (a)	Leaf apex	obtuse	1		VG
		acute	3	<i>Paphiopedilum fairrieanum</i>	
		accumbinate	5		
		forked	7	<i>Paph. concolor, Paph. hirsutissimum, Paph insigne, Paph. spicerianum Paph.villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', PI x PW-29</i>	
6. PQ	Leaf variegation	absent	1	<i>Paph insigne, Paphiopedilum fairrieanum</i>	VG
		present	9	<i>Paph. concolor, Paph. venustum, Paph.villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', PI x PW-29</i>	
7. QL	Leaf upper surface colour	uniform	1	<i>Paph. hirsutissimum, Paph insigne, Paphiopedilum fairrieanum</i>	VG
		mixed	3	<i>Paph. concolor Paph. spicerianum, Paph. venustum, Paph.villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', PI x PW-29</i>	
8. QL	Leaf lower surface colour (As per RHS	green	1	<i>Paph. concolor, Paph. hirsutissimum, Paph insigne, Paph. spicerianum, Paph.villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Paphiopedilum fairrieanum, PI x PW-29</i>	VG

	colour chart)	white	2		
		yellow	3		
		pink	4		
		red	5		
		brown	6	<i>Paph. venustum,</i>	
		purple	7		
		blue	8		
		violet	9		
9.	Leaf margin	entire	1	<i>Paph. concolor, Paph. hirsutissimum, Paph insigne, Paph. spicerianum, Paph. venustum, Paph.villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	VG
PQ (a)		undulate	9	<i>Paphiopedilum fairrieatum</i>	
10.	Inflorescence: number per season	solitary (one)	1	<i>Paph. concolor, Paph. spicerianum</i>	VS
QN (b)		few (two)	3	<i>Paph. spicerianum, Paph. hirsutissimum, Paph insigne, Paph.villosum, Paphiopedilum fairrieatum</i>	
		many (> two)	5	<i>Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	
11.	Inflorescence length (cm)	short (<10)	3	<i>Paph. concolor</i>	MS
QN (b)		medium (10-20)	5	<i>Paph. spicerianum, Paphiopedilum fairrieatum</i>	
		long (>20)	7	<i>Paph. hirsutissimum, Paph insigne, Paph.villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	
12.	Peduncle length	short (<5)	1	<i>Paph. concolor</i>	MS
QN		medium	3	<i>Paphiopedilum fairrieatum</i>	

		(5-10)			
		long (>10)	5	<i>Paph. hirsutissimum, Paph. insigne, Paph. spicerianum, Paph. villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	
13.	Peduncle pubescence PQ	absent	1	<i>Paph. spicerianum</i>	VG
		present	9	<i>Paph. hirsutissimum, Paph. insigne, Paph. concolor, Paph. villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Paphiopedilum fairrieianum, Pl x PW-29</i>	
14.	Peduncle colour (As per RHS colour chart) QL	green	1	<i>Paph. concolor, Paph. villosum, Paphiopedilum fairrieianum</i>	VG
		white	2		
		yellow	3		
		pink	4		
		red	5		
		brown	6		
		purple	7	<i>Paph. hirsutissimum, Paph. insigne, Paph. spicerianum, Paph. venustum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	
		blue	8		
	violet	9			
15.	Floral bract length (cm) QN (b)	short (<2)	3	<i>Paph. hirsutissimum, Paphiopedilum fairrieianum</i>	MS
		medium (2-4)	5	<i>Paph. insigne, Paph. concolor, Paph. spicerianum</i>	
		long (> 4)	7	<i>Paph. villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	
16.	Floral bract width (Spread out)(cm)	narrow (< 2)	3	<i>Paph. concolor, Paph. hirsutissimum, Paph. spicerianum, Paphiopedilum fairrieianum</i>	MS

QN (b)		medium (2-4)	5	<i>Paph. insigne, Paph. villosum, Paph. lawrenceanum</i> <i>x Paph. 'Winston Churchill', Pl x PW-29</i>	
		broad (> 4)	7		
17. (* (+ PQ (b)	Floral bract shape	broadly ovate	1	<i>Paph. concolor, Paph. spicerianum, Paph. venustum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	VG
		lanceolate	3		
		oblong	5	<i>Paph. hirsutissimum, Paph. insigne, Paph. villosum, Paphiopedilum fairrieianum</i>	
18. PQ	Floral bract colour pattern	uniform	1	<i>Paphiopedilum fairrieianum</i>	VG
		mixed	2		
		spotted	3	<i>Paph. concolor. Paph. hirsutissimum, Paph. insigne, Paph. spicerianum, Paph. venustum, Paph. villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	
		blotched	4		
		shaded/striped	5		
		netted	6		
19. QL	Floral bract main colour (As per RHS colour chart)	green	1	<i>Paph. concolor, Paph. insigne, Paph. spicerianum, Paph. venustum, Paph. villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Paphiopedilum fairrieianum, Pl x PW-29</i>	VG
		white	2		
		yellow	3		
		pink	4		
		red	5		
		brown	6		

		purple	7		
		blue	8		
		violet	9		
20. (*) QN	Floral bract number of colour	single	3	<i>Paphiopedilum fairrieianum</i>	MG
		two	5	<i>Paph. insigne, Paph. hirsutissimum, Paph. spicerianum, Paph. venustum, Paph. villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	
		more than two	7	<i>Paph. concolor</i>	
21. PQ	Floral bract apex	obtuse	1	<i>Paph. hirsutissimum, Paph. insigne,</i>	VG
		acute	3	<i>Paph. spicerianum, Paph. venustum, Paph. villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Paphiopedilum fairrieianum, Pl x PW-29</i>	
		acuminate	5		
22. (*) PQ (b)	Flower number per inflorescence	solitary (single)	1	<i>Paph. concolor, Paph. hirsutissimum, Paph. insigne, Paph. spicerianum, Paph. villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Paphiopedilum fairrieianum, Pl x PW-29</i>	MS
		few (two)	3		
		many (> two)	5		
23. QN (c)	Flower Length (Tip of dorsal sepal to tip of lip) (cm)	short (<5)	3		MS
		medium (5-10)	5	<i>Paph. concolor, Paph. hirsutissimum, Paph. insigne, Paph. spicerianum, Paphiopedilum fairrieianum</i>	
		long (>10)	7	<i>Paph. villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	

24. (*) QN (c)	Flower width in front view (Tip distance of two lateral petals) (cm)	narrow (<8)	3	<i>Paph. concolor, Paph.villosum, Paphiopedilum fairrianum</i>	MS
		medium (8-16)	5	<i>Paph insigne, Paph. hirsutissimum, Paph. spicerianum, Paph. lawrenceanum x Paph. 'Winston Churchill', PI x PW-29</i>	
		broad (>16)	7		
25. QN	Flower longevity on the plant (days)	short (<20)	3		VG
		medium (20-30)	5	<i>Paph. concolor, Paphiopedilum fairrianum</i>	
		long (> 30)	7	<i>Paph. hirsutissimum, Paph insigne, Paph. spicerianum, Paph. venustum, Paph.villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', PI x PW-29</i>	
26. QN (c)	Dorsal sepal length (cm)	short (<3)	3	<i>Paph. concolor</i>	MS
		medium (3-6)	5	<i>Paph. hirsutissimum, Paph insigne, Paph. spicerianum, Paph.villosum, Paphiopedilum fairrianum</i>	
		long (> 6)	7	<i>Paph. lawrenceanum x Paph. 'Winston Churchill', PI x PW-29</i>	
27. QN (c)	Dorsal sepal width (at middle) (cm)	narrow (<3)	1	<i>Paph. concolor</i>	MS
		medium (3-6)	3	<i>Paph. hirsutissimum, Paph insigne, Paph. spicerianum, Paph.villosum, Paphiopedilum fairrianum</i>	
		broad (>6)	5	<i>Paph. lawrenceanum x Paph. 'Winston Churchill', PI</i>	

				<i>x PW-29</i>	
28. (+) PQ	Dorsal sepal shape	orbicular	1	<i>Paph. spicerianum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	VG
		semi-orbicular	3	<i>Paph. hirsutissimum,</i>	
		ovate	5	<i>Paph. concolor, Paphiopedilum fairrieianum</i>	
		cordate	7	<i>Paph. venustum,</i>	
		lanceolate	9		
29. PQ	Dorsal sepal apex	obtuse	1	<i>Paph. concolor, Paph. hirsutissimum, Paphiopedilum fairrieianum,</i>	VG
		acute	3	<i>Paph.villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	
		acuminate	5	<i>Paph. venustum,</i>	
30. (+) PQ	Dorsal sepal curvature	straight	1	<i>Paph. concolor</i>	VG
		incurved	3	<i>Paph. hirsutissimum, Paph insigne, Paph. spicerianum, Paph. venustum, Paph.villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Paphiopedilum fairrieianum, Pl x PW-29</i>	
		reflexed	5		
31. PQ	Dorsal sepal margin	entire	1	<i>Paph. spicerianum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	VG
		undulate	9	<i>Paph. hirsutissimum, Paph insigne, Paph. concolor, Paph. venustum, Paph.villosum, Paphiopedilum fairrieianum</i>	
32. (* QL	Dorsal sepal dominant colour (As per RHS colour chart)	green	1	<i>Paph. hirsutissimum, Paph insigne, Paph. venustum, Paph.villosum,</i>	VG
		white	2	<i>Paph. spicerianum, Paph. lawrenceanum x Paph. 'Winston Churchill', Paphiopedilum fairrieianum, Pl x PW-29</i>	
		pink	3		

		yellow	4	<i>Paph. concolor</i>	
		red	5		
		purple	6		
		blue	7		
		violet	8		
33. (*) QL	Dorsal sepal colour pattern inside	uniform	1		VG
		mixed	2		
		spotted	3	<i>Paph. hirsutissimum, Paph insigne, Paph. concolor, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	
		blotched	4		
		shaded /striped	5	<i>Paph insigne, Paph. spicerianum, Paph. venustum, Paph.villosum, Paphiopedilum fairrieianum</i>	
		netted	6	<i>Paph. hirsutissimum, Paph.villosum,</i>	
34. QN	Dorsal sepal no of colour	single	1		VG
		two	3	<i>Paph. concolor, Paph. hirsutissimum, Paph. venustum, Paph.villosum,</i>	
		more than two	5	<i>Paph insigne, Paph. spicerianum, Paph. lawrenceanum x Paph. 'Winston Churchill', Paphiopedilum fairrieianum, Pl x PW-29</i>	
35. QN (c)	Synsepal length (cm)	short (< 3)	3	<i>Paph. concolor, Paphiopedilum fairrieianum</i>	MS
		medium (3-6)	5	<i>Paph. hirsutissimum, Paph insigne, Paph. spicerianum, Paph.villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	
		long (> 6)	7		
36. (*)	Synsepal width (cm)	narrow (< 2)	3	<i>Paph. concolor, Paphiopedilum fairrieianum</i>	MS
		medium (2-4)	5	<i>Paph. hirsutissimum, Paph insigne, Paph. spicerianum, Paph.villosum,</i>	

QN (c)		broad (> 4)	7	<i>Paph. lawrenceanum</i> x <i>Paph. 'Winston Churchill'</i> , <i>Pl</i> x <i>PW-29</i>	
37. (* (+ PQ	Synsepal shape	orbicular	1		VG
		semi-orbicular	3		
		ovate	5	<i>Paph. concolor</i> , <i>Paph. hirsutissimum</i> , <i>Paph insigne</i> , <i>Paph. spicerianum</i> , <i>Paph. venustum</i> , <i>Paph.villosum</i> , <i>Paph. lawrenceanum</i> x <i>Paph. 'Winston Churchill'</i> , <i>Paphiopedilum fairrieianum</i> , <i>Pl</i> x <i>PW-29</i>	
		cordate	7		
		lanceolate	9		
38. PQ	Synsepal apex	obtuse	1	<i>Paph. concolor</i> , <i>Paph. hirsutissimum</i> , <i>Paph insigne</i> , <i>Paph. spicerianum</i> , <i>Paph. lawrenceanum</i> x <i>Paph. 'Winston Churchill'</i> , <i>Paphiopedilum fairrieianum</i>	VG
		acute	3	<i>Paph. venustum</i> , <i>Paph.villosum</i> , <i>Pl</i> x <i>PW-29</i>	
		acuminate	5		
39. (* PQ (d)	Synsepal main colour (As per RHS colour chart)	green	1	<i>Paph. hirsutissimum</i> , <i>Paph insigne</i> , <i>Paph. spicerianum</i> , <i>Paph. venustum</i> , <i>Paphiopedilum fairrieianum</i>	VG
		white	2		
		pink	3		
		yellow	4	<i>Paph. concolor</i> , <i>Paph. lawrenceanum</i> x <i>Paph. 'Winston Churchill'</i> , <i>Pl</i> x <i>PW-29</i>	
		red	5		
		purple	6		
		blue	7		
		violet	8		
40.	Synsepal	uniform	1	<i>Paph. hirsutissimum</i> , <i>Paph. spicerianum</i>	VG

(*) PQ (d)	colour pattern	mixed	2		
		spotted	3	<i>Paph. concolor, Paph. insigne, Paph. lawrenceanum x Paph. 'Winston Churchill', PI x PW-29</i>	
		blotched	4		
		shaded/striped	5	<i>Paph. venustum, Paphiopedilum fairrieanum</i>	
		netted	6		
41. QN (d)	Synsepal number of colour	single	1	<i>Paph. hirsutissimum, Paph. spicerianum</i>	VG
		two	3	<i>Paph. insigne, Paph. venustum, Paph. lawrenceanum x Paph. 'Winston Churchill', PI x PW-29</i>	
		more than two	5	<i>Paph. concolor, Paphiopedilum fairrieanum</i>	
42. QN (c)	Petal length (cm)	short (<5)	3	<i>Paph. concolor, Paph. spicerianum, Paphiopedilum fairrieanum</i>	MG
		medium (5-10)	5	<i>Paph. hirsutissimum, Paph. insigne, Paph. villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', PI x PW-29</i>	
		long (> 10)	7		
43. QN (c)	Petal width (at middle) (cm)	narrow (<2)	3	<i>Paph. insigne, Paph. spicerianum, Paphiopedilum fairrieanum</i>	MS
		medium (2-4)	5	<i>Paph. concolor, Paph. hirsutissimum, Paph. villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', PI x PW-29</i>	
		broad (>4)	7		
44.	Petal shape	sub-orbicular	1		VG

(+) PQ		ovate	3	<i>Paph. concolor</i>	
		oblong	5	<i>Paph. hirsutissimum, Paph. spicerianum, Paph. venustum, Pl x PW-29</i>	
		oblanceolate	7	<i>Paph. lawrenceanum x Paph. 'Winston Churchill'</i>	
		lanceolate	9	<i>Paphiopedilum fairrieianum</i>	
45. (*) (+) PQ	Petal curvature	straight	1	<i>Paph insigne, Paph. hirsutissimum, Paph.villosum, Paph. spicerianum, Paph. venustum, Paph. lawrenceanum x Paph. 'Winston Churchill'</i>	VG
		incurved	3	<i>Paph. concolor, Pl x PW-29</i>	
		deflexed	5	<i>Paphiopedilum fairrieianum</i>	
46. PQ	Petal apex	obtuse	1	<i>Paph. concolor, Paph. hirsutissimum, Paph insigne Paph.villosum,</i>	VG
		acute	3	<i>Paph. spicerianum, Paph. venustum, Paphiopedilum fairrieianum, Pl x PW-29</i>	
		acuminate	5		
47. PQ	Petal margin	entire	1	<i>Paph. concolor</i>	VG
		undulate	9	<i>Paph. hirsutissimum, Paph insigne, Paph. spicerianum, Paph. venustum, Paph.villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Paphiopedilum fairrieianum, Pl x PW-29</i>	
48. PQ	Petal pubescence at margin	absent	1		VG
		present	9	<i>Paph. concolor, Paph. hirsutissimum, Paph insigne, Paph. spicerianum, Paph. venustum, Paph.villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Paphiopedilum fairrieianum, Pl x PW-29</i>	
49. (*)	Petal orientation	horizontal	3	<i>Paph. hirsutissimum, Paph insigne, Paph. spicerianum, Paph. venustum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	VG

(+)		arching	5			
PQ		drooping	7	<i>Paph. concolor, Paph.villosum, Paphiopedilum fairrieianum</i>		
50.	Petal predominant colour (As per RHS colour chart)	green	1	<i>Paph. spicerianum, Paphiopedilum fairrieianum, Pl x PW-29</i>	VG	
(*)		white	2			
QL		yellow	3	<i>Paph. concolor</i>		
(d)		pink	4			
		red	5			
		purple	6	<i>Paph. hirsutissimum (red-purple) Paph. venustum, Paph.villosum (greyed-purple)</i>		
		blue	7			
		violet	8			
51.	Petal colour (No.)	single	1		VG	
QL		inside	two	3		<i>Paph. concolor, Paph insigne, Paph. spicerianum, Paph.villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>
(d)			more than two	5		<i>Paph. hirsutissimum, Paph. venustum, Paphiopedilum fairrieianum</i>
52.	Petal colour pattern	uniform	1		VG	
(*)		mixed	3	<i>Paph. hirsutissimum, Paph insigne, Paph. venustum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>		
QL		spotted	5	<i>Paph. concolor, Paph. spicerianum,</i>		
(d)		striped/ shaded	7	<i>Paphiopedilum fairrieianum</i>		
		netted	9	<i>Paph.villosum,</i>		

53. QN (c)	Lip (pouch) length (cm)	short (< 3)	3		MS
		medium (3-6)	5	<i>Paph. concolor</i> , <i>Paph insigne</i> , <i>Paph. hirsutissimum</i> , <i>Paph. spicerianum</i> , <i>Paph.villosum</i> , <i>Paph. lawrenceanum</i> x <i>Paph. 'Winston Churchill'</i> , <i>Paphiopedilum fairrieatum</i> , <i>Pl x PW-29</i>	
		long (>6)	7		
54. QN (c)	Lip width (cm)	narrow (<2)	1	<i>Paph. concolor</i> , <i>Paphiopedilum fairrieatum</i>	MG
		medium (2-4)	3	<i>Paph. spicerianum</i> , <i>Paph insigne</i> , <i>Paph. hirsutissimum</i> , <i>Paph.villosum</i> , <i>Paph. lawrenceanum</i> x <i>Paph. 'Winston Churchill'</i> , <i>Pl x PW-29</i>	
		broad (>4)	5		
55. PQ	Lip shape	bowl	1	<i>Paph. concolor</i>	VG
		pitchers	3	<i>Paph. spicerianum</i> , <i>Paph insigne</i> , <i>Paph. hirsutissimum</i> , <i>Paph. venustum</i> , <i>Paph.villosum</i> , <i>Paph. lawrenceanum</i> x <i>Paph. 'Winston Churchill'</i> , <i>Paphiopedilum fairrieatum</i> , <i>Pl x PW-29</i>	
		others (specify)	5		
56. PQ	Lip front margin	truncate	1	<i>Paph. hirsutissimum</i> , <i>Paph. venustum</i> ,	VG
		acute	3	<i>Paph. concolor</i> , <i>Paph insigne</i> , <i>Paph.villosum</i> , <i>Paph. lawrenceanum</i> x <i>Paph. 'Winston Churchill'</i> , <i>Paphiopedilum fairrieatum</i> , <i>Pl x PW-29</i>	
57. PQ	Lip orientation	vertical	1	<i>Paph. hirsutissimum</i> , <i>Paph. lawrenceanum</i> x <i>Paph. 'Winston Churchill'</i> , <i>Paphiopedilum fairrieatum</i> , <i>Pl x PW-29</i>	VG

		sub-horizontal	3	<i>Paph. concolor, Paph. insigne, Paph. spicerianum, Paph. venustum,</i>	
		drooping	5	<i>Paph. villosum,</i>	
58. (*) PQ	Lip lateral lobe shape	auricular	1	<i>Paph. hirsutissimum, Paph. spicerianum, Paph. venustum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	VG
		oblong	9	<i>Paph. insigne, Paph. villosum, Paphiopedilum fairrieianum</i>	
59. QL (d)	Lip colour (Nos.)	single	1		VS
		two	3	<i>Paph. concolor, Paph. hirsutissimum, Paph. insigne, Paph. spicerianum, Paph. villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Paphiopedilum fairrieianum, Pl x PW-29</i>	
		more than two	5	<i>Paph. venustum,</i>	
60. (*) QL (d)	Lip colour pattern	uniform	1		VG
		mixed	3		
		spotted	5	<i>Paph. concolor, Paph. hirsutissimum, Paph. spicerianum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	
		striped/ shaded	7	<i>Paphiopedilum fairrieianum</i>	
		netted	9	<i>Paph. insigne, Paph. venustum, Paph. villosum,</i>	
61. PQ	Lip pubescence inside	absent	1	<i>Paph. concolor, Paph. spicerianum</i>	VG
		present	9	<i>Paph. hirsutissimum, Paph. insigne, Paph. venustum, Paph. villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Paphiopedilum fairrieianum, Pl x PW-29</i>	
62.	Column length	short (< 1)	3	<i>Paph. concolor, Paph. insigne, Paph. spicerianum, Paph. villosum, Paphiopedilum fairrieianum</i>	MS

QN (c)	(cm)	medium (1-2)	5	<i>Paph. hirsutissimum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	
		long (> 2)	7		
63. QN (c)	Column width(cm)	narrow (<0.5)	1	<i>Paph. concolor, Paph. hirsutissimum, Paph insigne, Paph. spicerianum, Paph. villosum, Paphiopedilum fairrieanum</i>	MS
		medium (0.5-1)	3	<i>Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	
		broad (>1)	5		
64. QL (e)	Column main colour (As per RHS colour chart)	green	1	<i>Paph. hirsutissimum, Paph. spicerianum, Paph. venustum, Paphiopedilum fairrieanum</i>	VG
		white	2		
		yellow	3	<i>Paph. concolor, Paph insigne, Paph.villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	
		pink	4		
		red	5		
		brown	6		
		purple	7		
		blue	8		
65. (+) PQ	Column staminode tip	obtuse	1	<i>Paph. spicerianum,</i>	VG
		acute	3	<i>Paph. concolor, Paph.villosum, Paph insigne</i>	
		lobed	5	<i>Paph. venustum, Paphiopedilum fairrieanum</i>	
66. (*)	Column staminode size (cm ²): (length x breadth and	Broader than length	3	<i>Paph. concolor, Paph. spicerianum, Paph. venustum, Paphiopedilum fairrieanum</i>	VG
		breadth and	5	<i>Paph. spicerianum, Paph. lawrenceanum x Paph.</i>	

(+) QN (c)	breadth)	length equal		<i>'Winston Churchill', Pl x PW-29</i>	
		longer than breadth	7	<i>Paph. hirsutissimum, Paph insigne, Paph.villosum</i>	
67. PQ	Column staminode shape	cordate	1	<i>Paph. concolor, Paph insigne, Paph. spicerianum, Paph. venustum, Paph.villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Paphiopedilum fairrieianum, Pl x PW-29</i>	VG
		ovate	3		
		polygonal	5		
68. PQ	Column staminode colour pattern	uniform	1	<i>Paph insigne, Paph. villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	VG
		mixed	2		
		spotted	3	<i>Paph. concolor, Paph. hirsutissimum</i>	
		blotched	4	<i>Paph. spicerianum</i>	
		shaded/ striped	5	<i>Paph. spicerianum</i>	
		netted	6	<i>Paph. venustum, Paphiopedilum fairrieianum</i>	
69. QL	Column staminode number of colour	single	1	<i>Paph insigne, Paph. villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Pl x PW-29</i>	VG
		two	3	<i>Paph. concolor, Paph. venustum,</i>	
		more than two	5	<i>Paph. hirsutissimum, Paph. spicerianum, Paphiopedilum fairrieianum</i>	
70. PQ	Stigma stalked	non-distinct	1	<i>Paph. concolor, Paph. venustum,</i>	VG
		distinct	9	<i>Paph. hirsutissimum, Paph insigne, Paph. spicerianum, Paph.villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Paphiopedilum</i>	

				<i>fairrieanum</i> , PI x PW-29	
71. PQ	Stigma shape	cordate	1	<i>Paph insigne</i> , <i>Paph. venustum</i> , <i>Paph.villosum</i>	VG
		orbicular	3	<i>Paph. concolor</i> , <i>Paph. hirsutissimum</i> , <i>Paph. lawrenceanum</i> x <i>Paph. 'Winston Churchill'</i> , <i>Paphiopedilum fairrieanum</i> , PI x PW-29	
		ovate	5		
		polygonal	7		
72. QL	Stigma colour pattern	uniform	1	<i>Paph insigne</i> , <i>Paph. spicerianum</i> , <i>Paph. venustum</i> , <i>Paph.villosum</i>	VG
		mixed	2		
		spotted	3	<i>Paph. concolor</i> , <i>Paph. hirsutissimum</i>	
		blotched	4		
		striped/shaded	5	<i>Paph. lawrenceanum</i> x <i>Paph. 'Winston Churchill'</i> , <i>Paphiopedilum fairrieanum</i> , PI x PW-29	
		netted	6		
73. QN (c)	Ovary with pedicel length (cm)	short (< 5)	3	<i>Paph. concolor</i> , <i>Paph insigne</i> , <i>Paph. spicerianum</i> , <i>Paphiopedilum fairrieanum</i>	MS
		medium (5-10)	5	<i>Paph. hirsutissimum</i> , <i>Paph.villosum</i> , <i>Paph. lawrenceanum</i> x <i>Paph. 'Winston Churchill'</i> , PI x PW-29	
		long (>10)	7		
74. QL	Ovary with pedicel main colour	green	1	<i>Paph. concolor</i> , <i>Paph. venustum</i> , <i>Paph.villosum</i>	VG
		white	2		
		yellow	3		
		pink	4		
		red	5		
		brown	6		

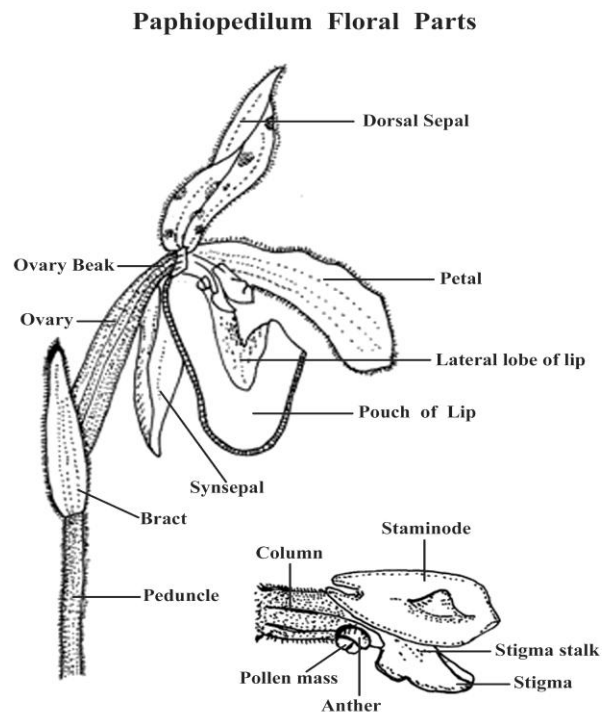
		purple	7	<i>Paph. hirsutissimum, Paph insigne, Paph. spicerianum, Paph. lawrenceanum x Paph. 'Winston Churchill', Paphiopedilum fairrieanum, Pl x PW-29</i>	
		blue	8		
75.	Ovary with pedicel: pubescence nature	absent	1	<i>Paph. spicerianum</i>	VG
PQ		villose	3	<i>Paph.villosum</i>	
		tomentose	5	<i>Paph. concolor, Paph. venustum</i>	
		hirsute	7	<i>Paph. hirsutissimum</i>	
		others	9		
76.	Ovary with pedicel: pubescence colour	green	1		VG
QL		white	2	<i>Paph. venustum, Paph. concolor</i>	
		yellow	3		
		pink	4	<i>Paph.villosum</i>	
		red	5		
		brown	6		
		purple	7	<i>Paph. hirsutissimum, Paph insigne, Paphiopedilum fairrieanum</i>	
		blue	8		
77.	Ovary with pedicel beaked	absent	1	<i>Paph. hirsutissimum, Paph insigne, Paph. venustum,</i>	VG
PQ		present	9	<i>Paph. concolor, Paph. spicerianum, Paph.villosum, Paph. lawrenceanum x Paph. 'Winston Churchill', Paphiopedilum fairrieanum, Pl x PW-29</i>	

VIII. Explanation on the Table of Characteristics

8.1 Guidelines for recording the observations of vegetative and flowering characteristics

Characteristics indicated with (a), (b), (c), (d) and (e) in the first column of the Table of Characteristics should be examined as indicated below:

- (a) Observations shall be made on the longest leaf of flowering plant.
- (b) Observations on the inflorescence and the flower shall be made at the time when 50% of the flowers on the inflorescence have opened and the most recently fully opened flower on the inflorescence before the color starts to fade.
- (c) Observations on the length and width of the flower and parts of the flower shall be made on the spread out positions.



- (d) Observations on the color of the sepal, the petal and the lip shall be made on inner side at apex, mid and base portion.
- (e) Observations on the colour of column shall be made on inner side at apex, mid and basal region.

8.2 Explanation for individual characteristics

Characteristics 4: Leaf shape



(1)

Oblong



(3)

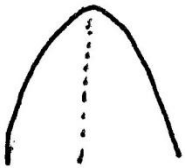
Elliptic



(5)

Obovate

Characteristics 5: Leaf apex



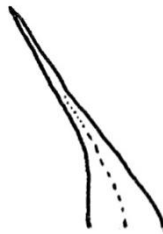
(1)

Obtuse



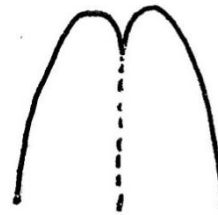
(3)

Acute



(5)

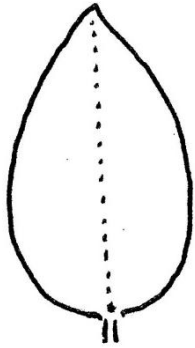
Acuminate



(7)

Forked

Characteristics 17: Floral bract shape



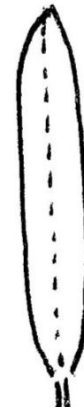
(1)

Broadly ovate



(3)

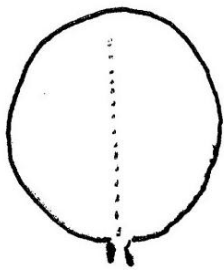
Lanceolate



(5)

Oblong

Characteristics 28 & 37: Dorsal sepal shape and Synsepal shape



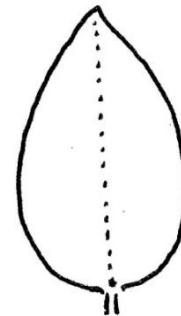
(1)

Orbicular



(3)

Semi-Orbicular



(5)

Ovate



(7)

Cordate



(9)

Lanceolate

Characteristics 30 & 45: Dorsal sepal and petal curvature



(1)

Straight



(3)

Incurved



(5)

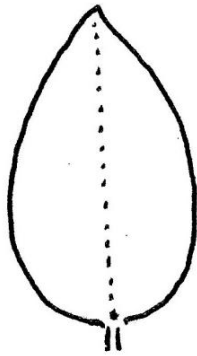
Reflexed

Characteristic 44: Petal shape



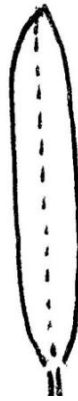
(1)

Sub-orbicular



(3)

Ovate



(5)

Oblong



(7)

Oblanceolate



(9)

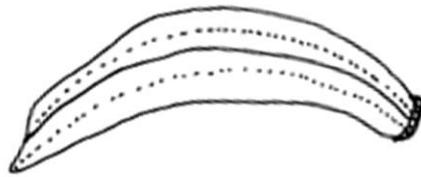
Lanceolate

Characteristic 49: Petal orientation



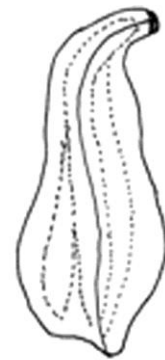
(3)

Horizontal



(5)

Arching



(7)

Drooping

Characteristic 65: Column staminode tip



(1)

Obtuse



(3)

Acute



(5)

Lobed

Characteristic 66: Staminode size



(3)

Broader than length



(5)

Breadth & Length equal



(7)

Longer than breadth

IX. Literature:

Cribb Phillip (1998). The Genus *Paphiopedilum* (2nd edition). Natural History Publication (Borneo). Kota Kinabalu

Karasawa, K. 1989. orchid Atlas Volume 7, Orchid Atlas Publishing Society, Tokyo, JP, pp. 40 to 110.

Karasawa, K. 2003. Species Orchidacearum-1 Text, Japan Broadcasting Publishing Co. Ltd., Tokyo, JP, pp. 296-308.

Karasawa, K. 1996. Color Dictionary of Orchid. The Yamatokeikoku Ltd., Tokyo, JP, pp.407 to 432.

Oda, Z. 1984. Orchid-Varieties, Breeding, Cultivation and Propagation. The Hokuryu Ltd., Tokyo, JP, pp. 315 to 319.

Yoneda, K. 2003. The Grand Dictionary of Flower Horticulture, Volume 15, The Rural Culture Association, Tokyo, JP, pp. 371 to 391.

X. Working Group Details:

These test guidelines developed by the National Core Committee in consultation with the Nodal Officer, DUS Test Centre, ICAR-NRC for Orchids, Pakyong, Sikkim and Task Force (3/2012) constituted by the PPV & FR Authority.

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IX. **Name of DUS Test Centres**

Nodal DUS Test Centre	Co-Nodal DUS Test Centre
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