



सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA

भारतीय पौधा किस्म जर्नल

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



भारत सरकार
GOVERNMENT OF INDIA

भारतीय पौधा किस्म जर्नल, खण्ड 13, अंक 12
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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 एफआरए, एनएएससी काम्प्लेक्स (द्वितीय तल), डीपीएसमार्ग, 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.

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24.	आरइजी / 2014 / 1723 REG/2014/1723	केसीएल-12 KCL-12	चतुर्गुणित कपास Tetraploid Cotton	नई New	52
25.	आरइजी / 2014 / 1719 REG/2014/1719	केसीएल-18 KCL-18	चतुर्गुणित कपास Tetraploid Cotton	नई New	54
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27.	आरइजी / 2016 / 20 REG/2016/20	एमआरसी 7388 बीजी-II MRC 7388 BG-II	चतुर्गुणित कपास Tetraploid Cotton	नई New	57
28.	आरइजी / 2013 / 259 REG/2013/259	एसीजी-40-2 बीजी-II ACG-40-2 BG-II	चतुर्गुणित कपास Tetraploid Cotton	नई New	59
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34.	आरइजी / 2014 / 1735 REG/2014/1735	केसीएल-5 KCL-5	चतुर्गुणित कपास Tetraploid Cotton	नई New	72
35.	आरइजी / 2013 / 260 REG/2013/260	एसीजी-जीएमएस-28- II(अजीत-जीएमएस-28 बीजी- II) ACG-GMS-28- II (Ajeet-GMS- 28 BG-II)	चतुर्गुणित कपास Tetraploid Cotton	नई New	74
36.	आरइजी / 2014 / 1738 REG/2014/1738	केसीएल-4 KCL-4	चतुर्गुणित कपास Tetraploid Cotton	नई New	75

AMENDMENTS IN PUBLIC NOTICE (01 of 2019)

Sub:- Amendments in Public Notice 01 of 2019

(1) In the Public Notice No.1 of 2019, the following amendments shall be effected with immediate effect namely:-

(a) For the existing subject of the Public Notice No.01 of 2019 the following subject shall be substituted namely:-

“Sub:-Public Notice under Section 20(1) of PPV&FR Act, (2001) read with Section 2(x) and Section 2(za) of PPV&FR Act, (2001).”

(b) After the subject the following preamble shall be inserted namely:-

“Whereas the hybrid has no independent existence as a variety (as defined in section 2(za) of PPV&FR Act, (2001) apart from its parents and this technical/ legal position is clear from Clause (i) and (iii) of Section 2(za) of the PPV&FR Act, (2001) while defining a “variety” it clearly provides that a variety has to be considered as a genotype of plant grouping and as a unit with regard to its suitability for being propagated which remains unchanged after such propagation and further , the Section 2(x) defines “seed” as an embryo giving rise to a plant which is true to such type. The seed from a hybrid cannot give rise to a plant which is true to such hybrid type unless it is produced by crossing of parents. Hence, a cumulative and combined reading of Section 2(za) and Section 2(x) of PPV&FR Act, 2001 clearly provides that a hybrid must be considered as a unit along with its parents and there is no question of considering the hybrid without its parents so that the right holder breeder or his agent or licensee to exercise plant breeder’s right as in Section 28(1) of PPV&FR Act, 2001 to produce the hybrid variety which in turn has to satisfy and retain the DUS criteria as laid down under Section 15(3) of PPV&FR Act, (2001) from the crop grown from the seed produced as above. Further under Section 20(1) of PPV&FR Act, 2001 the Registrar may after making such inquiry as he thinks fit with respect to the particulars contained in the application, accept the application

absolutely or subject to such conditions or limitations as he deems fit. Accordingly, in case of an application for registration of a hybrid, the Registrar has to make an inquiry as to DUS criteria of the variety as contained in the application (Section 20(1) read with Section 15(3) of PPV&FR Act, (2001)) as he thinks fit and since variety in Section 2(z) of PPV&FRA is considered as a unit with regard to its suitability for being propagated and hybrid cannot be propagated without parents and hence to satisfy and comply with the sine qua non requirements of the PV&FR Act, (2001) it is essential that hybrids and parental lines must be applied, examined and registered together. Accordingly, this public notice is being issued to clarify this technical/legal position and to align the existing procedure along with this technical/ legal position.”

- (c) In para (k) for the words “ However, in case of such new hybrids one of whose parents is in public domain then the hybrid with the other parent will be eligible for protection” the following words shall be substituted namely:

“In case of a new hybrid one of whose parents is in public domain then such hybrid and its parent in public domain will not be eligible for protection. The other parent can qualify as an “inbred” variety provided other conditions laid down under Section 15(3) of PPV&FR Act, (2001) are satisfied.”

**Sd/-
(R.C. Agrawal)
Registrar-General**


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
PUBLISHED BY AUTHORITY

सं. 680]	नई दिल्ली, बुधवार, नवम्बर 20, 2019/कार्तिक 29, 1941
No. 680]	NEW DELHI, WEDNESDAY, NOVEMBER 20, 2019/KARTIKA 29, 1941

कृषि एवं किसान कल्याण मंत्रालय
(कृषि, सहकारिता और किसान कल्याण विभाग)

अधिसूचना

नई दिल्ली, 20 नवम्बर, 2019

सा.का.नि. 863(अ).—केंद्रीय 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 में निम्नलिखित आगे और संशोधन करती है, अर्थात् :—

1. (1) इन नियमों का संक्षिप्त नाम पौधा किस्म और कृषक अधिकार (संशोधन) नियम, 2019 है।
(2) ये राजपत्र में इनके प्रकाशन की तारीख को प्रवृत्त होंगे।
2. पौधा किस्म और कृषक अधिकार नियम, 2003 (जिसे इसमें इसके पश्चात् उक्त नियम कहा गया है) के नियम 39 में,—
(क) उपनियम (1) में,—

(i) खंड (ख) में, “और रजिस्ट्रीकरण की आरंभिक अवधि के अवसान से पूर्व बारह से अठारह महीने के भीतर फाइल किया जाएगा” शब्दों के स्थान पर, “,उसके साथ ऐसी फीस संलग्न होगी, जो द्वितीय अनुसूची में विहित किए गए हैं और रजिस्ट्रीकरण की आरंभिक अवधि के अवसान से पूर्व छह माह के भीतर फाइल किया जाएगा।” शब्द रखे जाएंगे।

(ii) खंड (ग) का लोप किया जाएगा।

(ख) उपनियम (2) और (3) का लोप किया जाएगा।

(ग) उपनियम (4) में “और राजपत्र” शब्दों का लोप किया जाएगा।

3. उक्त नियम में, दूसरी अनुसूची के क्रम संख्या 9 में और उससे संबंधित प्रविष्टियों में, निम्नलिखित को रखा जाएगा, अर्थात् :—

"9.	नवीकरण फीस	द्व्यष्टि - 10,000/- रु. शैक्षणिक- 20,000/-रु. वाणिज्यिक- 1,00,000/-रु. एकमुश्त कृषक-एक- शून्य	पीवी-6"
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[फा. सं. 1-3/2019-एसडी.व]

अश्वनी कुमार, संयुक्त सचिव

टिप्पण : मूल नियम, भारत के राजपत्र में सा.का.नि. सं. 738(अ), तारीख 12 सितंबर, 2003 द्वारा प्रकाशित किए गए थे और तत्पश्चात् इन्हें सा.का.नि. सं. 843(अ), तारीख 30 दिसंबर, 2004, सा.का.नि. सं. 731(अ), तारीख 14 अक्टूबर, 2008, सा.का.नि. सं. 319(अ), तारीख 11 मई, 2009, सा.का.नि. सं. 783(अ), तारीख 27 अक्टूबर, 2009, सा.का.नि. सं. 901(अ), तारीख 17 दिसंबर, 2009, सा.का.नि. सं. 949(अ), तारीख 3 दिसंबर, 2010, सा.का.नि. सं. 900(अ), तारीख 17 दिसंबर, 2012, सा.का.नि. सं. 901(अ), तारीख 17 दिसंबर, 2012, सा.का.नि. सं. 902(अ), तारीख 17 दिसंबर, 2012, सा.का.नि. सं. 115(अ), तारीख 20 फरवरी, 2013 और सा.का.नि. सं. 496(अ), तारीख 15 जून, 2015 द्वारा संशोधित किया गया।

MINISTRY OF AGRICULTURE AND FARMERS WELFARE

(DEPARTMENT OF AGRICULTURE, COOPERATION AND FARMERS WELFARE)

NOTIFICATION

New Delhi, the 20th November, 2019

G.S.R. 863(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. (1) These rules may be called the Protection of Plant Varieties and Farmers' Rights (Amendment) Rules, 2019.
(2) They shall come into force on the date of their publication in Official Gazette.
2. In the Protection of Plant Varieties and Farmers' Rights Rules, 2003 (herein after referred to as the said rules), in rule 39,-
 - (a) In sub-rule (1), —
 - (i) In clause (b), for the words "and filed during twelve to eighteen months", the words "be accompanied with fee as prescribed in the Second Schedule and filed during the period of six months" shall be substituted.
 - (ii) clause (c) shall be omitted.
 - (b) sub-rules (2) and (3) shall be omitted.
 - (c) in the sub-rule (4), the words "and in the Official Gazette" shall be omitted.

3. In the said rules, in the Second Schedule for serial number 9 and the entries relating thereto, the following shall be substituted, namely:—

“9.	Renewal Fee	Individuals - Rs. 10,000/- Educational- Rs 20,000/- Commercial -Rs 1,00,000/- One lump sum Farmers- Nil	PV-6”
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[F. No.1-3/2019-SD.V]

ASHWANI KUMAR, Jt. Secy.

Note: The principal rules were published in the Gazette of India *vide* number G.S.R. 738 (E), dated the 12th September, 2003 and subsequently amended *vide* number G.S.R. 843 (E), dated the 30th December, 2004, G.S.R. 731 (E), dated the 14th October, 2008, G.S.R. 319 (E), dated the 11th May, 2009, G.S.R. 783 (E), dated the 27th October, 2009, G.S.R. 901(E), dated the 17th December, 2009, G.S.R. 949(E), dated the 3rd December, 2010, G.S.R. 900(E), dated the 17th December, 2012, G.S.R. 901(E), dated the 17th December, 2012, G.S.R. 902(E), dated the 17th December, 2012, G.S.R. 115 (E), dated the 20th February, 2013 and G.S.R. 496 (E) dated 15th June, 2015.

Dated: 29th November, 2019

Office Order

Consequent to the relieving of Dr. R.C. Agrawal from the post of Registrar-General, Dr. Ravi Prakash, Registrar, henceforth will handle the registration of the Rice, Cotton and Jute crop species. Sh. D.R. Choudhury, Joint Registrar will continue to assist and report to Dr. Ravi Prakash, Registrar in this regard.

This issues with the approval of Chairperson, PPV&FR Authority.

(Raj Ganesh)

Legal Advisor

Total Seed Sent for DUS/GOT in the month November-2019

Crop	Category		
	New	FV	Total
Barley	4		4
Chickpea		6	6
Fieldpea		12	12
Lentil		1	1
Linseed		9	9
Wheat	2		2
Total	6	28	34

PUBLIC NOTICE

Subject: 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.

The passport data of each variety furnished by the applicant are herewith advertised as specified for calling objections from any persons.

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.10,000/- (Rupees Ten Thousand Only) by way of Demand Draft drawn in favour of "PPV & FR Authority" payable at New Delhi.

FORM O - 1
(See Rule 30)
Government of India, Plant Varieties Registry

1. Application No.

F21	SB35	13	1015
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 filed on 29.11.2013 by **Hanamanteppa Nagappa Patted, Chikkamannur Tq: Ron Dist: Gadag, Karnataka-582209** for **Farmer** variety of crop **Sorghum** (*Sorghum bicolor* (L.) Moench.) having denomination **KODAMURKA JOLA** 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 : KODAMURKA JOLA
Applicant : Hanamanteppa Nagappa Patted
Address of the applicant : Chikkamannur Tq: Ron Dist: Gadag, Karnataka- 582209
Nationality of applicant : Indian
Application details
a. Number :

F21	SB35	13	1015
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b. Date of receipt : 29.11.2013
c. Date of acceptance : --
Crop (taxonomical lineage) : Sorghum (*Sorghum bicolor* (L.) Moench)
Denomination : KODAMURKA JOLA
Type of variety : Farmer
Classification of variety : Typical
Previously proposed :
Denomination : Not applicable
Name of reference varieties : M 35-1, CSV 22

Variety description:

A. Grouping characteristics	Remarks (measured values)
Type of Sorghum	Grain
Kharif or Rabi adaptation	Rabi
Plant: Time of panicle emergence (50% of the plants with complete panicle emergence) (Characteristic 4)	Late (76-85 days)
Plant: Total height (Characteristic 18)	Medium (151-225)
Panicle: Shape (Characteristic 27)	Panicle broader in lower part
Caryopsis: Colour after threshing (Characteristic 33)	Yellow white (RHS 158)
B. Distinct characteristic of candidate variety:	

KODAMURKA JOLA has distinguishing character as late time of panicle emergence, flag leaf yellow colouration of midrib present, stigma anthocyanin colouration absent, stigma yellow colouration absent, medium plant total height, compact panicle density at maturity, broader panicle shape		
C. Distinct characteristic of reference varieties: M 35-1 has distinguishing character as medium time of panicle emergence, flag leaf yellow colouration of midrib present, stigma anthocyanin colouration present, stigma yellow colouration present, medium plant total height, semi compact panicle density at maturity, broader panicle shape. CSV 22 has distinguishing character as late time of panicle emergence, flag leaf yellow colouration of midrib absent, stigma anthocyanin colouration absent, stigma yellow colouration absent, long plant total height, semi compact panicle density at maturity, symmetric panicle shape.		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S.No.	Attributes	Details
1.	Days to maturity: Early/Medium/Late	Medium
2.	Production condition: Suitability area in the country :Time of sowing :Irrigated/ Rainfed :Low fertility/ high fertility of soil	Karnataka Northern dry zone 15 th September to 15 th October Rainfed Low fertility
3.	Tolerance to adverse temperature/ frost/ & heat- sensitive/ tolerance	Temperature, Heat & Salinity
4.	Resistance/ Tolerance to disease & pest/s	Resistance to pest & disease
5.	Grain characters Physical: a) Kernel size (cm) b) Seed lustre (Present/ Absent) c) Seed colour	Height 0.267 to 0.899 cm Length 0.439 to 0.490 cm Breadth 0.372 to 0.398 cm Present Creamy white
6.	Zone wise yield potential (Average) per ac (q/ac)	9 to 12 q/ac
7.	Seed yield q/ac (Average)	9 to 12 q/ac
8.	Seed: Weight (100 seeds weight in g)	2.72 to 2.95g
9.	Any other relevant information specific to the variety / hybrid	Soft & sweet stem, liked by the cattle.

2. Application No.

F7	LC7	14	898
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 filed on 11.04.2014 by **Satya Dev Singh, Parsa, Tarapur, Munger, Bihar** for **Farmer** variety of crop **Lentil** (*Lens culinaris* Medik) having denomination **TITTOYA MASOOR** 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 : TITOYA MASOOR
Applicant : Satya Dev Singh
Address of the applicant : Parsa, Tarapur, Munger, Bihar
Nationality of applicant : Indian
Application details
a. Number :

F7	LC7	14	898
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b. Date of receipt : 11.04.2014
c. Date of acceptance : --
Crop (taxonomical lineage) : Lentil (*Lens culinaris* Medik)
Denomination : TITOYA MASOOR
Type of variety : Farmer
Classification of variety : Typical
Previously proposed :
Denomination : Not applicable
Name of reference varieties : DPL-62, CSV22

Variety description:

A. Grouping characteristics		Remarks (measured values)
Stem: Anthocyanin colouration (Characteristic 2)		Absent
Time of flowering (Characteristic 3)		Medium (60-80days)
Leaf: Pubescence (Characteristic 4)		Present
Flower : Colour of standard (Characteristic 7)		Violet
Seed: Size (Characteristic 10)		Medium (2.0-2.5 g)
Seed: Testa colour (Characteristic 11)		Brown
B. Distinct characteristic of candidate variety: TITOYA MASOOR has distinguishing character as short plant height.		
C. Distinct characteristic of reference varieties: DPL-62 and CSV 22 have distinguishing character as medium plant height.		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S.No.	Attributes	Details
1.	Days to maturity: Early/Medium/Late	Medium (115-120 days)

2.	Production condition: Suitability area in the country :Time of sowing : Irrigated/Rainfed :Low fertility/high fertility of soil	South Bihar 15 th -30 th November Rainfed Low fertility of soil
3.	Tolerance to adverse temperature/ frost/ & heat- sensitive/tolerance	Tolerance to frost, heat sensitive
4.	Resistance/Tolerance to disease & pest/s	Tolerance to wilt and aphids
5.	The best growing season to attain the potential yield	-
6.	Number of pods per plant (average)	80-110 pods/ pl
7.	Zone wise yield potential (Average) per ac (q/ac)	2.2-2.42 q/ac
8.	Seed yield q/ac (Average)	5.6- 6 q/ac
9.	Any other relevant information specific to variety/ hybrid (Low/ Medium / High water use efficiency type)	Wild animal did not grazed, early cooking dal and good taste in feed.

3. Application No.

F4	BB4	15	1867
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 filed on 08.10.2015 by **Bindeshwar Prasad Singh, S/o Late Sh. Ramlagan Bhakt, Village: Hariharpur, Post: Rajouli, Dist: Vaishali (Hajipure) - 844102** for **Farmer** variety of crop **Cauliflower** (*Brassica oleracea* L.var. botrytis L.) having denomination **Arli Kuwanri** 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 : Arli Kuwanri
Applicant : Bindeshwar Prasad Singh
Address of the applicant : S/o Late Sh. Ramlagan Bhakt, Village: Hariharpur, Post: Rajouli, Dist: Vaishali (Hajipure) - 844102
Nationality of applicant : Indian
Application details
a. Number :

F4	BB4	15	1867
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b. Date of receipt : 08.10.2015
c. Date of acceptance : --
Crop (taxonomical lineage) : Cauliflower (*Brassica oleracea* L. var. botrytis L.)

Denomination : Arli Kuwanri
 Type of variety : Farmer
 Classification of variety : Typical
 Previously proposed
 Denomination : Not applicable
 Name of reference varieties : Pusa Meghna

Variety description:

A. Grouping characteristics		Remarks (measured values)
Seedling : Anthocyanin colouration of hypocotyl (Characteristic 1)		Present
Curd : Covering by inner leaves (Characteristic 16)		Partly covered
Curd : Shape in longitudinal section (Characteristic 19)		Broad elliptic
Curd : Maturity group (Characteristic 26)		Mid-late
B. Distinct characteristic of candidate variety: Arli Kuwanri has distinguishing character as broad elliptic curd shape in longitudinal section.		
C. Distinct characteristic of reference varieties: Pusa Meghna has distinguishing character as narrow elliptic curd shape in longitudinal section.		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: Early/Medium/Late	Early
2.	Production condition: Suitability area in the country : Time of sowing : Irrigated/Rainfed : Low fertility/high fertility of soil	No - Irrigated High fertility of soil
3.	Tolerance to adverse temperature/ frost/ & heat sensitive/ tolerance	Heat sensitive
4.	Tolerance to water stagnation: Sensitive/ Tolerant	Sensitive
5.	Resistance/Tolerance to disease & pest/s	Resistance
6.	Staking & pruning practices	During curd cutting
7.	Winter-spring cropping seasons type	No
8.	Fruit yield q/ac	48 q/ac
9.	Fruit yield/pl (kg/ac) (average)	26.3 kg/ac
10.	Fruit quality and fruit firmness	White & compact
11.	Fruit picking schedule	Carefully
12.	Transport potential (days)	2-3 days
13.	Unique selling propositions and optimal shelf-life (days)	Approximately 3-4 days
14.	Any other relevant information specific to the variety/hybrid	-

04. Application No.

F9	LL31	14	2146
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 filed on 30.10.2014 by **Dilip Kumar Singh, R/o Village: Mohaddiganj, Post: Sasaram, Dist: Rohtas, State: Bihar** for **Farmer** variety of crop **Tomato** (*Solanum lycopersicum* L.) having denomination **Gulsan** 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 : Gulsan
Applicant : Mr. Dilip Kumar Singh
Address of the applicant : Village: Mohaddiganj, Post: Sasaram, Dist: Rohtas, State: Bihar
Nationality of applicant : Indian
Application details
a. Number :

F9	LL31	14	2146
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b. Date of receipt : 30.10.2014
c. Date of acceptance : --
Crop (taxonomical lineage) : Tomato (*Solanum lycopersicum* L.)
Denomination : Gulsan
Type of variety : Farmer
Classification of variety : Typical
Previously proposed :
Denomination : Not applicable
Name of reference varieties : BT-12, Arka Vikas

Variety description:

A. Grouping characteristics	Remarks (measured values)
Plant : Growth type (Characteristic 3)	Determinate
Leaf: Serration (Characteristic 12)	Less serrated
Fruit : Green shoulder (before maturity) (Characteristic 29)	Absent
Fruit: Shape in longitudinal section (Characteristic 33)	Rectangular
Fruit: Colour at maturity (Characteristic 43)	Red
B. Distinct characteristic of candidate variety: Gulsan has distinguishing character as narrow leaflet width, fruit green shoulder absent.	
C. Distinct characteristic of reference varieties: BT-12 has distinguishing characters as medium leaflet width, fruit green shoulder present. Arka vikas has distinguishing characters as narrow leaflet width, fruit green shoulder present.	
D. Date of commercialization of the variety	-
E. Agronomic & Commercial attributes	

S.No.	Attributes	Details
1.	Days to maturity: Early/Medium/Late	Early (65-70 days)
2.	Production condition: Suitability area in the country : Time of sowing : Irrigated/ Rainfed : Low fertility/High fertility of soil	Bihar, Jharkhand, U.P. ,West Bengal 15 th October- 30 th November Irrigated Both
3.	Tolerance to adverse temperature/ frost/ & heat sensitive / tolerant	Tolerant to frost & heat
4.	Resistance to water stagnation: Sensitive/ Tolerant	Up to 2 days water logging
5.	Resistance/ Tolerance to disease & pest /s	-
6.	Staking & pruning practices	Not needed
7.	Winter- Spring cropping seasons type	After kharif season
8.	Fruit yield q/ac	340-360 q/ac
9.	Fruit yield/pl (average)	12-15 kg/pl
10.	Fruit quality and Fruit firmness	Mild sour, non cracking
11.	Fruit picking schedule	6-8 days interval of picking
12.	Transport potential (days)	4-5 days
13.	Unique selling propositions and optimal shelf life (days)	5-6 days
14.	Any other relevant information specific to the variety/hybrid	Fruit weight 60-80g, shining, tasty, suitable for salad & vegetable, less moisture content

05. Application No.

N6	SB10	13	671
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 30.10.2013 by **Indian Council of Agricultural Research, Krishi Bhawan, New Delhi-110001** for **New** variety of crop **Sorghum** (*Sorghum bicolor* (L.) Moench) having denomination **CB 11** 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 : CB 11
Applicant : Indian Council of Agricultural Research
Address of the applicant : Krishi Bhawan, New Delhi-110001
Nationality of applicant : Indian
Application details
a. Number :

N6	SB10	13	671
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b. Date of receipt : 30.10.2013
 c. Date of acceptance : --
 Crop (taxonomical lineage) : Sorghum (*Sorghum bicolor* (L.) Moench)
 Denomination : CB 11
 Type of variety : New
 Classification of variety : Typical
 Previously proposed : Not applicable
 Denomination :
 Name of parental material : SVP 1023 x C 43
 Source of parental material : Own germplasm
 Name of reference varieties : C 43, AKR 150

Variety description:

A. Grouping characteristics		Remarks (measured values)
Type of sorghum: Grain/Forage/Sweet sorghum		Grain
Season of adaptation: Kharif (Rainy season)/Rabi (Post-rainy season)		Kharif
Plant: Time to 50% flowering (50% of the plants with 50% anthesis) (Characteristic 3)		Medium (66-75 days)
Plant: Total height at maturity (Characteristic 14)		Medium (151-225)
Panicle: Shape (Characteristic 21)		Symmetric
Grain: Colour after threshing (Characteristic 26)		Yellow white
B. Distinct characteristic of candidate variety: CB 11 has distinguishing character as stigma anthocyanin colouration absent, stigma yellow colouration absent, medium plant total height.		
C. Distinct characteristic of reference varieties: C 43 and AKR 150 have distinguishing character as stigma anthocyanin colouration present, stigma yellow colouration present, short plant total height.		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S.No.	Attributes	Details
1.	Days to maturity: Early/Medium/Late	Medium (105 days)
2.	Production condition: Suitability area in the country : Time of sowing : Irrigated/Rainfed : Low fertility/High fertility of soil	Kharif rainfed - All sorghum growing regions in the country June -July Rainfed Medium fertility
3.	Resistance /Tolerance to disease & pests	Moderate level of tolerance to important pests and diseases of sorghum
4.	Tolerance to adverse temperature/ frost/ heat & salinity	Moderate level of tolerance to drought
5.	Grain characters Physical:	

	a) Kernal size (cm)	0.37 cm
	b) Seed lustre (Present/Absent)	Absent
	c) Seed colour	Yellow white (RHS 158)
6.	Zone wise yield potential (Average) per ac (q/ac)	14-16 q/ac
7.	Seed yield q/ac (Average)	14 -15.2 q/ac
8.	Seed: Weight (100 seed weight in g)	2.35 g
9.	Any other relevant information specific to the variety/hybrid	-

06. Application No.

F6	SB6	16	106
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 filed on 01.03.2016 by **Yaha Mogi Mata Sthanik Biyanee Savardhan Samitee, C/o Mr. Mochada Pawara, At: Harankhuri, Tal: Dhadgaon, Dist: Nandurbar-425414** for **Farmer** variety of crop **Sorghum** (*Sorghum bicolor* (L.) Moench) having denomination **CHIKNI LAL JUWAR** 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 : CHIKNI LAL JUWAR
Applicant : Yaha Mogi Mata Sthanik Biyanee Savardhan Samitee
Address of the applicant : C/o Mr. Mochada Pawara, At: Harankhuri,
Tal:Dhadgaon, Dist: Nandurbar-425414
Nationality of applicant : Indian
Application details
a. Number :

F6	SB6	16	106
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b. Date of receipt : 01.03.2016
c. Date of acceptance : --
Crop (taxonomical lineage) : Sorghum (*Sorghum bicolor* (L.) Moench)
Denomination : CHIKNI LAL JUWAR
Type of variety : Farmer
Classification of variety : Typical
Previously proposed :
Denomination : Not applicable
Name of reference varieties : M 35-1

Variety description:

A. Grouping characteristics	Remarks (measured values)
Type of sorghum: Grain/Forage/Sweet sorghum	Grain

Season of adaptation: Kharif (Rainy season)/Rabi (Post-rainy season)	Kharif	
Plant: Time to 50% flowering (50% of the plants with 50% anthesis) (Characteristic 3)	Late (76-85 days)	
Plant: Total height at maturity (Characteristic 14)	Short (76-150)	
Panicle: Shape (Characteristic 21)	Symmetric	
Grain: Colour after threshing (Characteristic 26)	Greyed orange	
B. Distinct characteristic of candidate variety: CHIKNI LAL JUWAR has distinguishing character as greyed purple glume colour, short plant total height, greyed orange caryopsis colour after threshing.		
C. Distinct characteristic of reference varieties: M 35-1 has distinguishing characters as greyed orange glume colour, medium plant total height, yellow orange caryopsis colour after threshing.		
D. Date of commercialization of the variety	-	
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: early/medium/late	115-125 days
2.	Production condition: Sutability area in the country : Time of sowing : Irrigated/ Rainfed : Low fertility/ High fertility of soil	Maharashtra transition zone II 10 th -15 th June Rainfed Low fertility
3.	Resistance / Tolerance to disease and pest/ s	Tolerance to black smut
4.	Tolerance to adverse temperature / frost/ heat & salinity	Tolerance to adverse temperature
5.	Grain characters: Physical A) Kernel size (cm) B) Seed Lustre (Present/Absent) C) Seed Colour	0.39 cm diameter Present Grayed orange
6.	Zone wise yield potential (Avg) per ac (q/ac)	4-5 q/ac
7.	Seed yield q/ac	5.4 q/ac
8.	Seed: Weight (100 seed weight in g)	3.36 g
9.	Any other relevant information specific to the variety/hybrid	Circular grains, partly threshable, semi compact, non-lodging, due to more sweetness and stickiness, it is mainly used for making papad. It is also used for liquid gruel preparation which is instant energy supplier.

07. Application No.

E1	AH3	18	516
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 filed on 17.05.2018 by **Mahatma Phule Krishi Vidyapeeth, Rahuri-413722, Dist: Ahmednagar** for **Extant (Notified)** variety of crop **Groundnut**

(*Arachis hypogaea* L.) having denomination **PHULE WARNA (KDG 128)** 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 : PHULE WARNA (KDG 128)
Applicant : Mahatma Phule Krishi Vidyapeeth
Address of the applicant : Rahuri-413722, Dist: Ahmednagar
Nationality of applicant : Indian
Application details
a. Number :

E1	AH3	18	516
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b. Date of receipt : 17.05.2018
c. Date of acceptance : --
Crop (taxonomical lineage) : Groundnut (*Arachis hypogaea* L.)
Denomination : PHULE WARNA (KDG 128)
Type of variety : Extant (Notified)
Classification of variety : Typical
Previously proposed
Denomination : Not applicable
Name of parental material : ICGV-020059-SSU-SSD-P37-B1
Source of parental material : ICRISAT
Name of reference varieties : ICGS 76, GG16
Notification details : Notification no. S.O. 3540 (E), dated: 22.11.2016

Variety description:

A. Grouping characteristics		Remarks (measured values)
Plant: Growth habit (Characteristic 1)		Semi-spreading
Flowering pattern on side branches (Characteristic 6)		-
Time of maturity (for curing) (Characteristic 8)		115-120 days
Kernel (Weight of 100 kernels) (Characteristic 17)		40.75 g
B. Distinct characteristic of candidate variety: PHULE WARNA (KDG 128) has distinguishing character as slight constriction on pod, prominent beak on pod, reticulation present on pod.		
C. Distinct characteristic of reference varieties: Not Available		
D. Date of commercialization of the variety		22.11.2016
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: Early/ Medium/ Late	Late (115-120 days)

2.	Production condition: Suitability area in the country : Time of sowing : Irrigated/ Rainfed : Low fertility/ High fertility of soil	Zone II- of AICRP comprising of state of Gujarat, & Rajasthan Zone V- of AICRP comprising of state of Southern Maharashtra, Karnataka, Tamil Nadu, Andhra Pradesh <i>Kharif</i> 15 th June to 15 th July Rainfed -
3.	Tolerance to adverse temperature/ frost & heat -sensitive/ tolerant	-
4.	Tolerance to water stagnation: Sensitive/ Tolerant	-
5.	Resistance/ Tolerance to disease & pest/s	Moderately resistance to rust and late leaf spot disease
6.	Pod yield/ac (Average)	10-12 q/ac
7.	100 kernel weight in g (about 9% moisture)	40.75g
8.	Kernel: Oil percentage: Low/Medium/High	50%
9.	Any other relevant value addition information specific to the variety/hybrid in terms of trade	This variety having higher dry pod yield in adaptive trials & Front line demonstration conducted in Kolhapur division of Maharashtra state (Virginia bunch growing areas) in comparison with local ruling variety TMV also foliar disease tolerance as compared to other Virginia varieties.

08. Application No.

E2	AH4	18	517
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 filed on 17.05.2018 by **Mahatma Phule Krishi Vidyapeeth, Rahuri-413722, Dist: Ahmednagar** for **Extant (Notified)** variety of crop **Groundnut** (*Arachis hypogaea* L.) having denomination **PHULE MORNA (KDG 123)** 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 : PHULE MORNA (KDG 123)
Applicant : Mahatma Phule Krishi Vidyapeeth
Address of the applicant : MPKV, Rahuri-413722, Dist: Ahmednagar
Nationality of applicant : Indian
Application details

a. Number	:	E2	AH4	18	517
b. Date of receipt	:	17.05.2018			
c. Date of acceptance	:	--			
Crop (taxonomical lineage)	:	Groundnut (<i>Arachis hypogaea</i> L.)			
Denomination	:	PHULE MORNA (KDG 123)			
Type of variety	:	Extant (Notified)			
Classification of variety	:	Typical			
Previously proposed	:				
Denomination	:	Not applicable			
Name of parental material	:	ICGV-04168			
Source of parental material	:	ICRISAT			
Name of reference varieties	:	ICGV 86325, AK 265			
Notification details	:	Notification no. S.O. 3540 (E), dated: 22.11.2016			

Variety description:

A. Grouping characteristics		Remarks (measured values)
Plant: Growth habit (Characteristic 1)		Semi-spreading
Flowering pattern on side branches (Characteristic 6)		Alternate
Time of maturity (for curing) (Characteristic 8)		118-121 days
Kernel (Weight of 100 kernels) (Characteristic 17)		35-46 g
B. Distinct characteristic of candidate variety: PHULE MORNA (KDG 123) has distinguishing character as medium constriction on pod, semi-spreading growth habit, small leaflet size, dark green leaflet colour, glabrous stem pubescence, flower absent on main axis, alternate flower arrangement on side branches, simple inflorescence.		
C. Distinct characteristic of reference varieties: Not Available		
D. Date of commercialization of the variety		22.11.2016
E. Agronomic & Commercial attributes		
S.No.	Attributes	Details
1.	Days to maturity: Early/ Medium/ Late	Late (118-121 days)
2.	Production condition: Suitability area in the country : Time of sowing : Irrigated/ Rainfed : Low fertility/ High fertility of soil	Zone II- Gujarat, & Southern Rajasthan Zone IV- Orissa, West Bengal, Meghalaya Zone V- Southern Maharashtra, Karnataka, Tamil Nadu, Andhra Pradesh <i>Kharif</i> , 15 th June to 15 th July Rainfed
3.	Tolerance to adverse temperature/ frost & heat sensitive/tolerant	-
4.	Tolerance to water stagnation: Sensitive/Tolerant	-

5.	Resistance/ Tolerance to disease & pest/s	Moderately resistance to rust and late leaf spot
6.	Pod yield/ac (Average)	888 kg/ac
7.	100 kernel weight in g (about 9% moisture)	35-46g
8.	Kernel: Oil percentage: Low/ Medium/ High	47-48%
9.	Any other relevant value addition information specific to the variety/hybrid in terms of trade	Variety KDG 123 having higher dry pod yield with good shelling per cent and also foliar disease tolerance.

09. Application No.

E3	AH5	18	518
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 filed on 17.05.2018 by **Mahatma Phule Krishi Vidyapeeth, Rahuri-413722, Dist: Ahmednagar** for **Extant (Notified)** variety of crop **Groundnut** (*Arachis hypogaea* L.) having denomination **KDG 160** 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 : KDG 160
Applicant : Mahatma Phule Krishi Vidyapeeth
Address of the applicant : Rahuri-413722, Dist: Ahmednagar
Nationality of applicant : Indian
Application details
a. Number :

E3	AH5	18	518
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b. Date of receipt : 17.05.2018
c. Date of acceptance : --
Crop (taxonomical lineage) : Groundnut (*Arachis hypogaea* L.)
Denomination : KDG 160
Type of variety : Extant (Notified)
Classification of variety : Typical
Previously proposed
Denomination : Not applicable
Name of parental material : ICG x 20063 F2 P15-B1
Source of parental material : ICRISAT
Name of reference varieties : TAG 24, R 8808
Notification details : Notification no. S.O. 1498 (E), dated: 01.04.2019

Variety description:

A. Grouping characteristics	Remarks (measured values)
Plant: Growth habit (Characteristic 1)	Spanish bunch

Flowering pattern on side branches (Characteristic 6)	Simple	
Time of maturity (for curing) (Characteristic 8)	116 days	
Kernel (Weight of 100 kernels) (Characteristic 17)	43.1 g	
B. Distinct characteristic of candidate variety: KDG 160 has distinguishing character as moderate constriction on pod, slight beak on pod, reticulation present on pod.		
C. Distinct characteristic of reference varieties: Not Available		
D. Date of commercialization of the variety	01.04.2019	
E. Agronomic & Commercial attributes		
S.No.	Attributes	Details
1.	Days to maturity: Early/ Medium/ Late	Late (116 days)
2.	Production condition: Suitability area in the country : Time of sowing : Irrigated/ Rainfed : Low fertility/ High fertility of soil	Zone IIIb of ICAR comprising of state of Andhra Pradesh, Tamil Nadu & Telangana Rabi-summer Rainfed -
3.	Tolerance to adverse temperature/ frost & heat - sensitive/ tolerant	-
4.	Tolerance to water stagnation: Sensitive/ Tolerant	-
5.	Resistance/ Tolerance to disease & pest/s	Moderately resistance to stem rot and late leaf spot
6.	Pod yield/ac (Average)	1375 kg/ac
7.	100 kernel weight in g (about 9% moisture)	43.1g
8.	Kernel: Oil percentage: Low/Medium/High	51.6%
9.	Any other relevant value addition information specific to the variety/hybrid in terms of trade	-

10. Application No.

E1	GM1	18	519
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 filed on 17.05.2018 by **Mahatma Phule Krishi Vidyapeeth, Rahuri-413722, Dist: Ahmednagar** for **Extant (Notified)** variety of crop **Soybean** (*Glycine max* (L.) Merrill.) having denomination **PHULE KALYANI (DS 228)** 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 : PHULE KALYANI (DS 228)
Applicant : Mahatma Phule Krishi Vidyapeeth

Address of the applicant : Rahuri-413722, Dist: Ahmednagar
Nationality of applicant : Indian
Application details
a. Number :

E1	GM1	18	519
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b. Date of receipt : 17.05.2018
c. Date of acceptance : --
Crop (taxonomical lineage) : Soybean (*Glycine max* (L.) Merrill.)
Denomination : PHULE KALYANI (DS 228)
Type of variety : Extant (Notified)
Classification of variety : Typical
Previously proposed Denomination : Not applicable
Name of parental material : JS-335 x DS-181 (PI-4623133)
Source of parental material : -
Name of reference varieties : PK-1029, JS-335
Notification details : Notification no. S.O. 1572 (E), dated: 20.09.2006

Variety description:

A. Grouping characteristics	Remarks (measured values)	
Plant: Growth Type (Characteristic 2)	Determinate	
Flower: Colour (Characteristic 7)	Purple	
Pod: Pubescence (Characteristic 9)	-	
Pod: Pubescence colour (Characteristic 10)	-	
Pod: Colour (Characteristic 11)	Brown	
Plant: Days to maturity (Characteristic 13)	95-100 days	
Seed: Colour (Characteristic 16)	Faint yellow	
B. Distinct characteristic of candidate variety: PHULE KALYANI (DS 228) has distinguishing character as weak purple pigmentation on seedling, determinate growth habit, sparse pubescence on seedling, hairiness absent on pods, purple flower colour, brown pod colour at maturity, faint yellow seed coat colour, brown to dark brown hilum colour, spherical round seed shape.		
C. Distinct characteristic of reference varieties: PK-1029 has distinguishing character as green pigmentation on seedling, determinate growth habit, prominent pubescence on seedling, tawny white hairiness present on pods, white flower colour, brown pod colour at maturity, dark yellow seed coat colour, black hilum colour, round seed shape. JS-335 has distinguishing character as strong purple at basal portion pigmentation on seedling, semi-determinate growth habit, pubescence on seedling absent, hairiness absent on pods, purple flower colour, bronze pod colour at maturity, yellow seed coat colour, brown to black hilum colour, round to spherical seed shape.		
D. Date of commercialization of the variety	20.09.2006	
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: Early/ Medium/ Late	Medium (95-100 days)

2.	Production condition: Suitability area in the country : Time of sowing : Irrigated/ Rainfed : Low fertility/ High fertility of soil	Maharashtra state, especially rust prone areas <i>Kharif</i> -
3.	Tolerance to adverse temperature/ frost & heat - sensitive/tolerant	-
4.	Tolerance to water stagnation: Sensitive/Tolerant	-
5.	Resistance/ Tolerance to disease & pest/s	Less susceptible to soybean rust disease. No serious insect- pest problems observed in this crop
6.	Seed yield/ac (Average)	952 kg/ac
7.	100 kernel weight in g (about 9% moisture)	14g
8.	Kernel: Oil percentage: Low/Medium/High	17.25%
9.	Any other relevant value addition information specific to the variety/hybrid in terms of trade	-

11. Application No.

N14	HA14	14	2453
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 filed on 09.12.2014 by **Bisco Biosciences Pvt. Ltd., H. No 1-8-201 to 203, Flat No. 208, 209, Ashoka My Home Chambers, SP Road, Secunderabad-500003** for New variety of crop **Sunflower** (*Helianthus annuus* L.) having denomination **LGSF12027R** 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 : LGSF12027R
Applicant : Bisco Biosciences Pvt Ltd
Address of the applicant : H. No 1-8-201 to 203, Flat No. 208, 209, Ashoka My Home Chambers, SP Road, Secunderabad-500003
Nationality of applicant : Indian
Application details
a. Number :

N14	HA14	14	2453
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b. Date of receipt : 09.12.2014
c. Date of acceptance : --
Crop (taxonomical lineage) : Sunflower (*Helianthus annuus* L.)
Denomination : LGSF12027R
Type of variety : New

Classification of variety : Typical
 Previously proposed
 Denomination : Not applicable
 Name of parental material : R4NP8M
 Source of parental material : Own germplasm
 Name of reference varieties : 6D-1, RHA 272

Variety description:

A. Grouping characteristics		Remarks (measured values)
Plant: Time of 50% flowering (days) (Characteristic 2)		Medium
Leaf: Serration (Characteristic 7)		Medium-Fine
Plant: Height (Characteristic 24)		Very short
Plant: Branching (Characteristic 25)		Present
Seed coat: Stripes (Characteristic 31)		Absent
B. Distinct characteristic of candidate variety: LGSF12027R has distinguishing character as leaf blistering absent.		
C. Distinct characteristic of reference varieties: 6D-1 and RHA 272 have distinguishing character as medium leaf blistering.		
D. Date of commercialization of the variety		2014, (LG 55.01)
E. Agronomic & Commercial attributes		
S. no.	Attributes	Details
1.	Days to maturity	Medium
2.	Production condition: Suitable area in country :Time of sowing :Irrigated/ Rainfed :Low fertility/High fertility of soil	Entire sunflower growing area Second fort night of October Irrigated Medium fertility
3.	Tolerance to adverse temperature/ frost and heat-sensitive/tolerant	Tolerant
4.	Tolerance to water stagnation: Sensitive/Tolerant	Sensitive
5.	Resistance/Tolerance to pest/s	Tolerant
6.	Seed yield q/ac (average)	2 q/ac
7.	Seed weight (100 seed weight in g)	3 g
8.	Seed hull content (%)	26%
9.	Seed oil content (%)	39%

10.	Any other relevant value addition information specific to the variety/hybrid in term of trade	Multi head, seed black with fine strip.
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12. Application No.

N16	HA16	14	2455
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 filed on 09.12.2014 by **Bisco Biosciences Pvt Ltd, H. No 1-8-201 to 203, Flat No. 208, 209, Ashoka My Home Chambers, SP Road, Secunderabad-500003** for **New** variety of crop **Sunflower** (*Helianthus annuus* L.) having denomination **LGSF12055R** 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 : LGSF12055R
Applicant : Bisco Biosciences Pvt Ltd
Address of the applicant : H. No 1-8-201 to 203, Flat No. 208, 209, Ashoka My Home Chambers, SP Road, Secunderabad-500003
Nationality of applicant : Indian

Application details
a. Number :

N16	HA16	14	2455
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b. Date of receipt : 09.12.2014
c. Date of acceptance : --
Crop (taxonomical lineage) : Sunflower (*Helianthus annuus* L.)
Denomination : LGSF12055R
Type of variety : New
Classification of variety : Typical
Previously proposed denomination : Not applicable
Name of parental material : LGR29, SR98 M
Source of parental material : Own germplasm
Name of reference varieties : 6D-1, RHA 272

Variety description:

A. Grouping characteristics	Remarks (measured values)
Plant: Time of 50% flowering (days) (Characteristic 2)	Early-Medium
Leaf: Serration (Characteristic 7)	Medium-Coarse

Plant: Height (Characteristic 24)	Very short	
Plant: Branching (Characteristic 25)	Present	
Seed coat: Stripes (Characteristic 31)	Absent	
B. Distinct characteristic of candidate variety: LGSF12055R has distinguishing characters as green leaf colour, short seed length, black seed coat base, seed coat stripes absent.		
C. Distinct characteristic of reference varieties: 6D-1 has distinguishing character as light green leaf colour, medium seed length, brown seed coat base, seed coat stripes present. RHA 272 has distinguishing character as dark green leaf colour, medium seed length, black seed coat base, seed coat stripes present.		
D. Date of commercialization of the variety	2015, (LG 54.01)	
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: Early/Medium/Late	Medium
2.	Production condition: Suitability area in the country :Time of sowing :Irrigated/ Rainfed :Low fertility/High fertility of soil	Entire S.F growing area Second fort night of October Irrigated Medium fertility
3.	Tolerance to adverse temperature/ frost & heat-sensitive/ tolerant	Tolerant
4.	Tolerance to water stagnation: Sensitive/ Tolerant	Sensitive
5.	Resistance/ Tolerance to pest/s	Tolerant
6.	Seed yield q/ac (average)	142- 162 kg/ac
7.	Seed weight (100 seed weight in g)	2-3 g
8.	Seed hull content (%)	27%
9.	Seed oil content (%)	38-40%
10.	Any other relevant value addition information specific to the variety/hybrid in term of trade	Multi branching, good pollen.

13. Application No.

N13	HA13	14	2452
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 filed on 09.12.2014 by **Bisco Biosciences Pvt Ltd, H. No 1-8-201 to 203, Flat No. 208, 209, Ashoka My Home Chambers, SP Road, Secunderabad-500003** for New variety of crop **Sunflower** (*Helianthus annuus* L.) having denomination **LGSF12001B** 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 : LGSF12001B
Applicant : Bisco Biosciences Pvt. Ltd.
Address of the applicant : H. No 1-8-201 to 203, Flat No. 208, 209, Ashoka My Home Chambers, SP Road, Secunderabad-500003
Nationality of applicant : Indian
Application details
a. Number :

N13	HA13	14	2452
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b. Date of receipt : 09.12.2014
c. Date of acceptance : --
Crop (taxonomical lineage) : Sunflower (*Helianthus annuus* L.)
Denomination : LGSF12001B
Type of variety : New variety
Classification of variety : Typical
Previously proposed : Not applicable
Denomination :
Name of parental material : LGSF12001A, LGSF12001B
Source of parental material : Own germplasm
Name of reference varieties : CMS 234B, CMS 17B

Variety description:

A. Grouping characteristics	Remarks (measured values)
Plant: Time of 50% flowering (days) (Characteristic 2)	Medium
Leaf: Serration (Characteristic 7)	Fine
Plant: Height (Characteristic 24)	Very short
Plant: Branching (Characteristic 25)	Absent
Seed coat: Stripes (Characteristic 31)	Present
B. Distinct characteristic of candidate variety: LGSF12001B has distinguishing character as dark green leaf colour, fine leaf serration, black seed coat base.	
C. Distinct characteristic of reference varieties: CMS 234B has distinguishing character as green leaf colour, fine leaf serration, black seed coat base.	

CMS 17B has distinguishing character as green leaf colour, coarse leaf serration, brown seed coat base.		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: Early/Medium/Late	Early
2.	Production condition: Suitability area in the country :Time of sowing :Irrigated/ Rainfed :Low fertility/High fertility of soil	Second fort night of October Irrigated Medium fertility
3.	Tolerance to adverse temperature/ frost & heat-sensitive/tolerant	Tolerant
4.	Tolerance to water stagnation: Sensitive/Tolerant	Sensitive
5.	Resistance/Tolerance to pest/s	Tolerant
6.	Seed yield q/ac (average)	4 q/ac
7.	Seed weight (100 seed weight in g)	4-5 g
8.	Seed hull content (%)	Medium (27%)
9.	Seed oil content (%)	High (39-41%)
10.	Any other relevant value addition information specific to the variety/ hybrid in term of trade	Semi convex head

14. Application No.

N3	HA4	13	330
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 filed on 04.06.2013 by **Nuziveedu Seeds Ltd, Survey No. 69, Gundlapochampally (Vill. & Panchayat), Medchal-Mandal, Rangareddy, Dist-501401, Telangana** for **New** variety of crop **Sunflower** (*Helianthus annuus* L.) having denomination **NSFL-707A** 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 : NSFL-707A

Applicant : Nuziveedu Seeds Ltd
Address of the applicant : Survey No. 69, Gundlapochampally (Vill. & Panchayat),
 Medchal-Mandal, Rangareddy- Dist-501401, Telangana
 Nationality of applicant : Indian
Application details
 a. Number :

N3	HA4	13	330
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 b. Date of receipt : 04.06.2013
 c. Date of acceptance : --
 Crop (taxonomical lineage) : Sunflower (*Helianthus annuus* L.)
 Denomination : NSFL-707A
 Type of variety : New
 Classification of variety : Other (Inbred parental line)
 Previously proposed denomination : Not applicable
 Name of parental material : 833A, NSF-211B
 Source of parental material : Own germplasm
 Name of reference varieties : CMS-851 A

Variety description:

A. Grouping characteristics		Remarks (measured values)
Plant: Time of 50% flowering (days) (Characteristic 2)		Medium
Leaf: Serration (Characteristic 7)		Coarse
Plant: Height (Characteristic 24)		Short
Plant: Branching (Characteristic 25)		Absent
Seed coat: Stripes (Characteristic 31)		-
B. Distinct characteristic of candidate variety: NSFL-707A has distinguishing characters as medium leaf size, convex head shape of grain side, short plant height.		
C. Distinct characteristic of reference varieties: CMS-851 A has distinguishing characters as small leaf size, irregular head shape of grain side, very short plant height.		
D. Date of commercialization of the variety		22.8.2013 (NSF- 1001)
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: Early/Medium/Late	Early

2.	Production condition: Suitability area in the country :Time of sowing :Irrigated/ Rainfed :Low fertility/High fertility of soil	Sunflower seed producing areas Late kharif: August-September, Rabi: September- December Irrigated conditions/ Assured rainfall areas Both low and high fertile conditions
3.	Tolerance to adverse temperature/ frost and heat-sensitive/ tolerant	Tolerant to frost and heat conditions
4.	Tolerance to water stagnation: Sensitive/Tolerant	Moderately tolerant to water logging
5.	Resistance/Tolerance to pest/s	Moderately tolerant to defoliators, <i>Alternaria</i> leaf spot and downy mildew
6.	Seed yield q/ac (average)	3.0-4.5 q/ac
7.	Seed weight (100 seed weight in g)	4.0-4.5 g
8.	Seed hull content (%)	26-28 %
9.	Seed oil content (%)	32-34 %
10.	Any other relevant value addition information specific to the variety/hybrid in term of trade	To obtain optimum seed yield, the recommended time of sowing has to be followed strictly so that rain during flowering to be escaped & proper timely hand pollination has to be ensured for good seed setting.

15. Application No.

N4	HA5	13	331
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 filed on 05.6.2013 by **Nuziveedu Seeds Ltd, Survey No. 69, Gundlapochampally (Vill. & Panchayat), Medchal-Mandal, Rangareddy- Dist-501401, Telangana** for New variety of crop **Sunflower** (*Helianthus annuus* L.) having denomination **NSFL-286 R** 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 : NSFL-286 R
Applicant : Nuziveedu Seeds Ltd
Address of the applicant : Survey No. 69, Gundlapochampally (Vill. & Panchayat),

Medchal-Mandal, Rangareddy- Dist-501401, Telangana

Nationality of applicant : Indian

Application details

a. Number :

N4	HA5	13	331
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b. Date of receipt : 05.6.2013

c. Date of acceptance : --

Crop (taxonomical lineage) : Sunflower (*Helianthus annuus* L.)

Denomination : NSFL-286 R

Type of variety : New

Classification of variety : Other (Inbred parental line)

Previously proposed

Denomination : Not applicable

Name of parental material : NSF-105, NSF-99

Source of parental material : Own germplasm

Name of reference varieties : RHA-272, RHA-271

Variety description:

A. Grouping characteristics	Remarks (measured values)	
Plant: Time of 50% flowering (days) (Characteristic 2)	Late	
Leaf: Serration (Characteristic 7)	Coarse	
Plant: Height (Characteristic 24)	Medium-Short	
Plant: Branching (Characteristic 25)	Present	
Seed coat: Stripes (Characteristic 31)	Absent	
B. Distinct characteristic of candidate variety:		
NSFL-286 R has distinguishing characters as medium leaf size, medium leaf blistering, seed coat stripes absent.		
C. Distinct characteristic of reference varieties:		
RHA-272 has distinguishing characters as small leaf size, medium leaf blistering, seed coat stripes present.		
RHA-271 has distinguishing characters as small leaf size, leaf blistering absent, seed coat stripes absent.		
D. Date of commercialization of the variety	22.8.2013, (NSF- 1001)	
E. Agronomic & Commercial attributes		
S. no.	Attributes	Details
1.	Days to maturity: Early/Medium/Late	Medium (60-75 days)

2.	Production condition: Suitability area in the country :Time of sowing :Irrigated/ Rainfed :Low fertility/High fertility of soil	Sunflower growing areas Kharif : June - August, Rabi: September - December, Spring: January & February Both irrigated and rainfed conditions Both low and high fertile conditions
3.	Tolerance to adverse temperature/ frost & heat-sensitive/tolerant	Sensitive to frost & moderately tolerant to heat
4.	Tolerance to water stagnation: Sensitive/ Tolerant	Moderately tolerant to water logging
5.	Resistance/ Tolerance to pest/s	Moderately tolerant to defoliators, <i>Alternaria</i> leaf spot and downy mildew
6.	Seed yield q/ac (average)	3-4 q/ac
7.	Seed weight (100 seed weight in g)	3.5-4.0 g
8.	Seed hull content (%)	23-24 %
9.	Seed oil content (%)	32-33 %
10.	Any other relevant value addition information specific to the variety/hybrid in term of trade	As this is a restorer line with multi headed character, the seed filling can be assured by proper hand pollination/ rearing bees in beehives.

16. Application No.

N7	HA8	13	459
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 filed on 12.8.2013 by **Nuziveedu Seeds Ltd, Survey No. 69, Gundlapochampally (Vill. & Panchayat), Medchal-Mandal, Rangareddy- Dist-501401, Telangana** for New variety of crop **Sunflower** (*Helianthus annuus* L.) having denomination **NSFL-184R** 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 : NSFL-184R
Applicant : Nuziveedu Seeds Ltd
Address of the applicant : Survey No. 69, Gundlapochampally (Vill. & Panchayat), Medchal-Mandal, Rangareddy- Dist-501401, Telangana
Nationality of applicant : Indian

Application details

a. Number	:	N7	HA8	13	459
b. Date of receipt	:	12.8.2013			
c. Date of acceptance	:	--			
Crop (taxonomical lineage)	:	Sunflower (<i>Helianthus annuus</i> L.)			
Denomination	:	NSFL-184R			
Type of variety	:	New			
Classification of variety	:	Other (Inbred parental line)			
Previously proposed	:	Not applicable			
Denomination	:				
Name of parental material	:	NSF-78, NSF-93			
Source of parental material	:	Own germplasm			
Name of reference varieties	:	6D-1			

Variety description:

A. Grouping characteristics		Remarks (measured values)
Plant: Time of 50% flowering (days) (Characteristic 2)		Late to medium
Leaf: Serration (Characteristic 7)		Medium
Plant: Height (Characteristic 24)		Medium
Plant: Branching (Characteristic 25)		Present
Seed coat: Stripes (Characteristic 31)		Present
B. Distinct characteristic of candidate variety: NSFL-184R has distinguishing character as medium leaf serration.		
C. Distinct characteristic of reference varieties: 6D-1 has distinguishing character as coarse leaf serration.		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: Early/Medium/Late	Medium (60-75 days)
2.	Production condition: Suitability area in the country :Time of sowing :Irrigated/ Rainfed :Low fertility/High fertility of soil	Sunflower growing areas Kharif: June-August, Rabi: September-December, <i>Spring</i> : January & February Both irrigated and rainfed conditions Both low and high fertile conditions
3.	Tolerance to adverse temperature/ frost and heat-sensitive/tolerant	Tolerant to frost & moderately tolerant to heat
4.	Tolerance to water stagnation: Sensitive/Tolerant	Moderately tolerant to water logging

5.	Resistance/ Tolerance to pest/s	Moderately tolerant to defoliators, <i>Alternaria</i> leaf spot, rust and downy mildew
6.	Seed yield q/ac (average)	3-4 q/ac
7.	Seed weight (100 seed weight in g)	3.5-4.0 g
8.	Seed hull content (%)	24-25 %
9.	Seed oil content (%)	30-31 %
10.	Any other relevant value addition information specific to the variety/ hybrid in term of trade	As this is a restorer line with multi headed character, the seed filling can be assured by proper hand pollination/ rearing bees in beehives.

17. Application No.

N1	BJ23	14	1710
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 filed on 19.08.2014 by **Nirmal Seeds Pvt. Ltd., PO Box-63, Bhadgaon Road, Pachora-424201, Dist- Jalgaon, Maharashtra** for **New** variety of crop **Indian mustard (Sarson)** (*Brassica juncea* L. Czern & Coss.) having denomination **NMR-1** 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 : NMR-1
Applicant : Nirmal Seeds Pvt Ltd
Address of the applicant : PO Box-63, Bhadgaon Road, Pachora-424201, Dist- Jalgaon, Maharashtra

Nationality of applicant : Indian

Application details

a. Number :

N1	BJ23	14	1710
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b. Date of receipt : 19.08.2014
c. Date of acceptance : --

Crop (taxonomical lineage) : Indian mustard (Sarson) (*Brassica juncea* L.Czern & Coss.)
Denomination : NMR-1
Type of variety : New
Classification of variety : Typical
Previously proposed : Not applicable
Denomination :
Name of parental material : NRCHB-560
Source of parental material : Own germplasm
Name of reference varieties : Rohini, Varuna, Pusa bold

Variety description:

A. Grouping characteristics		Remarks (measured values)
Leaf: Number of lobes (Characteristic 4)		Medium
Flower: Time of flowering (50 % of the plant with at least one open flower) (Characteristic 8)		Late
Plant: Main shoot length (cm) (Characteristic 12)		Very long
Siliqua: Number of seeds per siliqua (Characteristic 20)		Few
B. Distinct characteristic of candidate variety: NMR-1 has distinguishing character as short siliqua.		
C. Distinct characteristic of reference varieties: Rohini and Varuna have distinguishing character as medium siliqua. Pusa bold has distinguishing character as long siliqua.		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: Early/Medium/Late	Medium
2.	Production condition: Suitability area in the country :Time of sowing :Irrigated/ Rainfed :Low fertility/High fertility of soil	Rajasthan, MP, UP, Gujarat, Haryana October Irrigated High fertility
3.	Resistance/Tolerance to pest/s	Tolerance to pest
4.	Zone wise yield potential (average) (q/ac) (If applicable)	Not applicable
5.	Seed yield q/ac (average)	6-8 q/ac
6.	Seed colour	Brown
7.	Seed weight (1000 seed weight in g)	4.5-5.5 g
8.	Seed oil content (%)	41-42%
9.	Any other relevant value addition information specific to the variety/ hybrid in term of trade	-

18. Application No.

N1	SA7	14	1983
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 filed on 19.09.2014 by **Indian Council of Agricultural Research, Krishi Bhawan, New Delhi-110001** for **New variety of crop Sugarcane**

(*Saccharum* L.) having denomination **Co 06027** 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 : Co 06027
Applicant : Indian Council of Agricultural Research
Address of the applicant : Krishi Bhawan, New Delhi-110001
 Nationality of applicant : Indian
Application details
 a. Number :

N1	SA7	14	1983
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 b. Date of receipt : 19.09.2014
 c. Date of acceptance : --
 Crop (taxonomical lineage) : Sugarcane (*Saccharum* L.)
 Denomination : Co 06027
 Type of variety : New
 Classification of variety : Typical
 Previously proposed : Not applicable
 Denomination :
 Name of parental material : CoC671, IG 91-1100
 Source of parental material : Own germplasm
 Name of reference variety : Co 86032

Variety description:

A. Grouping characteristics		Remarks (measured values)
Plant growth habit (Characteristic 1)		Semi-erect
Leaf blade curvature (Characteristic 6)		Arched
Plant adherence of leaf sheath (Characteristic 8)		Medium (semi clasping)
B. Distinct characteristic of candidate variety: Co 06027 has distinguishing character as plant adherence of leaf sheath medium (semi clasping).		
C. Distinct characteristic of reference variety: Co 86032 has distinguishing character as plant adherence of leaf sheath weak (self de-trashing)		
D. Date of commercialization of the variety		19.9.2013
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Plant growth habit	Erect

2.	Plant cane height Cane weight Cane yield	- - 402 q/ac
3.	Plant no. of millable canes (NMC) per stool	7
4.	Production condition: Suitability area in the country :Time of sowing :Irrigated/ Rainfed	Tamil Nadu, Karnataka, AP, Kerala, Maharashtra, Gujarat, MP - Irrigated
5.	Resistance/tolerance to diseases & pest	Resistance to red rot.
6.	Tolerance to water stagnation: sensitive/ tolerant	Tolerant to drought and salinity
7.	Zone wise yield potential per ac (if applicable)	Peninsular zone: 403 q/ac
8.	Sucrose %	19.32 %

19. Application No.

N2	SA8	14	1984
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 filed on 19.09.2014 by **Indian Council of Agricultural Research, Krishi Bhawan, New Delhi-110001** for **New** variety of crop **Sugarcane** (*Saccharum* L.) having denomination **Co 06030** 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 : Co 06030
Applicant : Indian Council of Agricultural Research
Address of the applicant : Krishi Bhawan, New Delhi-110001
Nationality of applicant : Indian
Application details
a. Number :

N2	SA8	14	1984
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b. Date of receipt : 19.09.2014
c. Date of acceptance : --
Crop (taxonomical lineage) : Sugarcane (*Saccharum* L.)
Denomination : Co 06030

Type of variety : New
 Classification of variety : Typical
 Previously proposed : Not applicable
 Denomination
 Name of parental material : Co C671, IG 91-1100
 Source of parental material : Own germplasm
 Name of reference varieties : Co 86032, Co A 90081

Variety description:

A. Grouping characteristics		Remarks (measured values)
Plant growth habit (Characteristic 1)		Erect
Leaf blade curvature (Characteristic 6)		Arched
Plant adherence of leaf sheath (Characteristic 8)		Weak
B. Distinct characteristic of candidate variety: Co 06030 has distinguishing character as inter node growth crack (split) absent, node shape of bud ovate.		
C. Distinct characteristic of reference varieties: Co 86032 has distinguishing character as inter node growth crack (split) present, node shape of bud ovate. Co A 90081 has distinguishing character as inter node growth crack (split) absent, node shape of bud round.		
D. Date of commercialization of the variety		19.9.2013
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Plant growth habit	Erect
2.	Plant cane height	225.34 cm
	Cane weight	1.30 kg
	Cane yield	379 q/ac
3.	Plant no. of millable canes (NMC) per stool	7
4.	Production condition: Suitability area in the country :Time of sowing :Irrigated/Rainfed	Coastal region of Tamil Nadu, Andhra Pradesh, Orissa January to March & harvesting at 12 months later Irrigated
5.	Resistance/tolerance to pest and diseases	Resistance to red rot (Nodal) at Anakapalle
6.	Tolerance to water stagnation: sensitive/tolerant	NA

7.	Zone wise yield potential per ac (if applicable)	Peninsular Zone: 151 q/ac
8.	Sucrose %	16.60%
9.	Crop/ Sugar/ Yield q/ac	Sugar yield: 41 q/ac

20. Application No.

N1	AH1	10	339
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 filed on 23.11.2010 by **Western Agri Seeds Ltd, Plot No. 802/11, Western House, G.I.D.C., (Engg.) Estate, Sector-28, Gandhinagar-382028, Gujarat** for **New** variety of crop **Groundnut** (*Arachis hypogaea* L.) having denomination **Western Varadan** 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 : Western Varadan
Applicant : Western Agri Seeds Ltd
Address of the applicant : Plot No. 802/11, Western House, G.I.D.C., (Engg.) Estate, Sector-28, Gandhinagar-382028, Gujarat
Nationality of applicant : Indian
Application details
a. Number :

N1	AH1	10	339
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b. Date of receipt : 23.11.2010
c. Date of acceptance : --
Crop (taxonomical lineage) : Groundnut (*Arachis hypogaea* L.)
Denomination : Western Varadan
Type of variety : New
Classification of variety : Typical
Previously proposed : Not applicable
Denomination :
Name of parental material : TPG-41
Source of parental material : Own germplasm
Name of reference variety : GG 2

Variety description:

A. Grouping characteristics	Remarks (measured values)
Plant: Growth habit (Characteristic 1)	Erect

Flowering pattern on side branches (Characteristic 6)	Sequential	
Time of maturity (for curing) (Characteristic 8)	Medium	
Kernel: Weight of 100 kernels (Characteristic 17)	Medium-low	
B. Distinct characteristic of candidate variety: Western Varadan has distinguishing character as medium pod constriction.		
C. Distinct characteristic of reference variety: GG 2 has distinguishing character as shallow pod constriction.		
D. Date of commercialization of the variety	26.12.2016	
E. Agronomic & Commercial attributes		
S. No.	attributes	Details
1.	Plant growth habit	Erect
2.	Days to maturity: Early/Medium/Late	Kharif (105-110 days) Rabi/Summer (110-115 days)
3.	Harvest Index (%)	59 % (Average)
4.	Kernels / Pod	02
5.	Test weight (100 kernel weight) (Average)	60 g
6.	Kernel colour	Greyish red
7.	Kernel shape	Spheroid
8.	Number of pods per plant (Average)	18, (15-20)
9.	Yield potential (Average) (q/ac)	Rabi: 1480 kg/ac, Kharif: 1258 kg/ac
10.	Kernel: Oil percentage	Kharif: 56.5 %, Rabi/Summer: 55.7%
11.	Any other relevant information specific to the variety	-

21. Application No. [E16 | BJ16 | 13 | 48] filed on 18.02.2013 by **National Dairy Development Board, NDDDB Campus, PB No-40, Anand-388001, Gujarat** for **Extant (VCK)** variety of crop **Indian mustard (Sarson)** (*Brassica juncea* L. Czern & Coss) having denomination **EH-2** 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 : EH-2
Applicant : National Dairy Development Board
Address of the applicant : NDDDB Campus, PB No-40, Anand-388001, Gujarat
 Nationality of applicant : Indian
Application details
 a. Number :

E16	BJ16	13	48
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 b. Date of receipt : 18.02.2013
 c. Date of acceptance : --
 Crop (taxonomical lineage) : Indian mustard (Sarson) (*Brassica juncea* L. Czern & Coss)
 Denomination : EH-2
 Type of variety : Extant (VCK)
 Classification of variety : Typical
 Previously proposed
 Denomination : Not applicable
 Name of parental material : Heera
 Source of parental material : Own germplasm
 Name of reference varieties : Varuna, Pusa bold

Variety description:

A. Grouping characteristics		Remarks (measured values)
Leaf: Number of lobes (Characteristic 4)		Medium
Flower: Time of flowering (50 % of the plant with at least one open flower) (Characteristic 8)		Late
Plant: Main shoot length (cm) (Characteristic 12)		Long
Siliqua: Number of seeds per siliqua (Characteristic 20)		Medium
B. Distinct characteristic of candidate variety: EH-2 has distinguishing characters as very tall plant, short siliqua, medium seeds per siliqua.		
C. Distinct characteristic of reference varieties: Varuna has distinguishing characters as tall plant, medium siliqua, few seeds per siliqua. Pusa bold has distinguishing characters as tall plant, long siliqua, medium seeds per siliqua.		
D. Date of commercialization of the variety		11.2.2009 (DMH-1)
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: Early/Medium/Late	133 days
2.	Production condition: Suitability area in the country :Time of sowing :Irrigated/ Rainfed :Low fertility/high fertility of soil	2 nd -3 rd week of October Rainfed Normal

3.	Resistance/Tolerance to pest	White rust resistance
4.	Zone wise yield potential (average) (q/ac) (if applicable)	Not applicable
5.	Seed yield kg/ac (average)	485 kg/ac
6.	Seed colour	Yellow
7.	Seed weight (1000 seed weight in g)	Average 2.7 g
8.	Seed: oil content (%)	36%
9.	Any other relevant value addition information specific to the variety/ hybrid in term of trade	--

22. Application No.

N75	OS137	14	2444
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 filed on 08.12.2014 by **Bisco Biosciences Pvt. Ltd. H. No 1-8-201 to 203, Flat No. 208,209, Ashoka My Home Chambers, SP Road, Secunderabad-500003** for New variety of crop **Rice (*Oryza sativa* L.)** having denomination **ATPDG 5098** 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 : ATPDG 5098
Applicant : Bisco Biosciences Pvt. Ltd.
Address of the applicant : H. No 1-8-201 to 203, Flat No. 208,209, Ashoka My Home Chambers, SP Road, Secunderabad-500003
Nationality : Indian
Application details
a. Number :

N75	OS1376	14	2444
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b. Date of receipt : 08.12.2014
c. Date of acceptance :
Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)
Denomination : ATPDG 5098
Type of variety : New
Classification of variety : Typical
Previously proposed :
Denomination : NA
Name of parental material : ATPDG 5098

Source of parental material : Own germplasm
 Name of reference varieties : Pantdhan 10, Prasana, KARJAT-2, PTB-52

Variety Description:

A. Grouping characteristics		Remarks (measured values)
Basal leaf: sheath colour (Characteristic 2)		Green
Time of heading (50% of plant with panicle)(Characteristic 20)		Late
Stem length:(excluding panicles) (Characteristic 29)		Very short
Decorticated grain: length(Characteristic 54)		Medium
Decorticated grain: shape (in lateral view) (Characteristic56)		Medium slender
Decorticated grain: colour (Characteristic 57)		Light brown
Endosperm: content of amylose (Characteristic 59)		Low
Decorticated grain: aroma (Characteristic 62)		Absent
B. Distinct characteristic of candidate variety: ATPDG-5098 has distinguishing character as amylose content of endosperm low.		
C. Distinct characteristic of reference varieties: Pantdhan 10, Prasana, KAJRAT-2 have distinguishing character as amylose content of endosperm high. PTB-52 has distinguishing character as amylose content of endosperm very high.		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No.	Agronomic attributes	Details
1.	Growth habit	Semi erect
2.	Days to flowering/Anthesis (Average)	105-107 days
3.	Days to physiological maturity (Average)	135-137 days
4.	Seed rate per ac to attain potential yield	12 kg/ac
5.	Recommended Nutrition/ac schedule to attain potential yield and time of Application: Organic (ton/ac) Inorganic (kg/ac) Other fertilizer (kg/ac)	4 t/ac FYM 50:25:15 NPK kg/ac 10 kg/ac ZnSO4 at puddling
8.	Sowing window requirement to attain potential yield zone wise	1 st week 3 rd week of June
9.	Number of irrigations required to attain potential yield	Maintain 4-5cm till milking
10.	The best growing season to attain the potential yield	Kharif
11.	Cropping/climatic zone of India in which the varietal/ hybrid trials were conduct	UP, Bihar, Jharkhand, Chhattisgarh, Orissa.

S. No.	Commercial attributes	Details
1.	Plant height	95-105 cm
2.	Panicle length	26 cm
3.	Panicle type	Compact
4.	Number of productive tillers per plant	10-12
5.	Number of spikelet per panicle	200-250
6.	Panicle fertility (%)	95-100
7.	Number of grain per panicle	190-230
8.	Test weight	24-26 g
9.	Test weight the average potential grain yield (q/ac)	18-20 q/ac
10.	The average potential grain yield (q/ac)	8-10 q/ac
11.	Grain type	Medium bold
12.	Awns	Absent
13.	Leaf senescence	Late
14.	Husk colour	Straw

23. Application No.

N6	GH7	13	84
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 filed on 05.03.2013 by **Nuziveedu Seeds Ltd, Survey No. 69, Gundlapochampally (Vill. & Panchayat), Medchal - Mandal, Rangareddy - Dist-501401** for New variety of crop **Tetraploid Cotton (*Gossypium hirsutum* L.)** having denomination **NC-158/1 BGII** 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 : NC-158/1 BGII
Applicant : Nuziveedu Seeds Ltd.
Address of the applicant : Survey No. 69, Gundlapochampally (Vill. & Panchayat),

Medchal-Mandal, Rangareddy- Dist-501401

Nationality of applicant : Indian

Application details

a. Number :

N6	GH7	13	84
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b. Date of receipt : 05.03.2013

c. Date of acceptance : ----

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

Denomination : NC-158/1 BGII

Type of variety : New Variety

Classification of variety : Transgenic & Inbred Parental Line

Previously proposed

Denomination : Not applicable

Name of parental material : NC-158 x NC-71 BG-II

Source of parental material : Own germplasm

Name of reference varieties : BIKENERI NERMA

Variety Description:

A. Grouping characteristics	Remarks (measured values)
Leaf : Shape (Characteristic 8)	Palmate (Normal)
Flower : Petal colour (Characteristic 15)	Cream
Flower :Pollen colour (Characteristic 19)	Cream
Boll: Shape (Characteristic 23)	Ovate
Fibre : Length (Characteristic 33)	Medium long
B. Distinct characteristic of candidate variety: NC-158/1 BGII has distinguishing character as time of flowering is early when 50% of plants with at least one open flower	
C. Distinct characteristic of Reference Varieties: BIKENERI NERMA has distinguishing character as time of flowering is medium when 50% of plants with at least one open flower	
D. Date of commercialization of the variety	-

E. Agronomic & Commercial attributes		
S. No	Agronomic attributes	Details
1.	Growth habit (Determinate/Indeterminate)	Indeterminate (31-60cm)
2.	Days to flowering/Anthesis (Average)	50-60 days
3.	Days to Physiological Maturity (Average)	150-165 days
4.	Seed Rate Per ac	2-3 kg/ac
5.	Recommended Nutrition/ac schedule to attain potential yield and time of Application: Organic (Per ac) Inorganic (Per ac)	Fertilizer management: Avoid growing cotton after cotton in the same field and follow crop rotation with crops like Maize, Soybean, Sorghum, Paddy and Chilies / Vegetables. Always apply FYM or compost @ 5-10 tons / ac three to four weeks before final harrowing and sowing. Bt. Cotton needs timely balanced NPK application for greater boll retention in a short period and follows fertilizer application either based on soil test

		<p>recommendation or the fertilizer dosage recommended below</p> <p>Fertilizer recommendation (kg/ac)</p> <table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="3">Irrigated</th> <th colspan="3">Rain fed</th> </tr> <tr> <th>N</th> <th>P</th> <th>K</th> <th>N</th> <th>P</th> <th>K</th> </tr> </thead> <tbody> <tr> <td>Basal dose (at sowing)</td> <td>20</td> <td>8</td> <td>8</td> <td>10</td> <td>10</td> <td>10</td> </tr> <tr> <td>1st Top dressing (25 DAS)*</td> <td>10</td> <td>6</td> <td>6</td> <td>10</td> <td>-</td> <td>-</td> </tr> <tr> <td>2nd Top dressing (50 DAS)*</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>3rd Top dressing (75 DAS)*</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Total Requirement</td> <td>30</td> <td>14</td> <td>14</td> <td>20</td> <td>10</td> <td>10</td> </tr> </tbody> </table>		Irrigated			Rain fed			N	P	K	N	P	K	Basal dose (at sowing)	20	8	8	10	10	10	1 st Top dressing (25 DAS)*	10	6	6	10	-	-	2 nd Top dressing (50 DAS)*	-	-	-	-	-	-	3 rd Top dressing (75 DAS)*	-	-	-	-	-	-	Total Requirement	30	14	14	20	10	10
	Irrigated			Rain fed																																														
	N	P	K	N	P	K																																												
Basal dose (at sowing)	20	8	8	10	10	10																																												
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3 rd Top dressing (75 DAS)*	-	-	-	-	-	-																																												
Total Requirement	30	14	14	20	10	10																																												
6.	<p>Spacing (cm) requirement to attain potential yield :</p> <p style="text-align: center;">Row to Row</p> <p style="text-align: center;">Plant to Plant</p>	<p>Deep Black soils of Gujrat, M. P and Khandesh region of Maharashtra: 90 x 60cm or 90 x 45 cm</p> <p>Black Cotton soils of Vidarbha and Marathwada (Maharashtra) : 90 x 45cm or 90 x 60 cm</p>																																																
7.	Plant protection measures to attain the potential yield	<p>Plant Protection: It is very essential to control sucking pests like Jassids, Aphids, Thrips and Whitefly, like Non-Bt crop as Bollworm resistant trait doesn't provide any resistance for these pests. Protect crop against sucking pests, Aphids and Jassids with Clothianidin 15 to 20 g / ac</p> <p>Disease Management It is advisable to take up 1 or 2 prophylactic spraying after 90-100 days of crop growth with fungicide like Mancozeb, Carbendazim</p>																																																
8.	Sowing window requirement to attain potential yield (Zone wise)	Second week of June to first week of July																																																
9.	Number of irrigations required to attain potential yield	Black soil 5-6 irrigations Sandy loam soils with low water retention capacity, 8-10 irrigations may be required at the interval of 15 day																																																
11.	The best growing season to attain the potential yield (zone wise)	Kharif in South zone and Central zone																																																
12.	Climatic zone of India in which the varietal/ hybrid trials were conducted	South and Central zone																																																
13.	Intercultural operations (Including training, punning & nipping)	<p>Weed Management: During critical crop growth up to 60 days, fields should be weed free. Three to four inter cultivations (hoeing) at 15 days interval after 30 days of sowing helps in keeping the plot weed free as well as for retention of soil moisture. Under rain fed condition, hand weeding/ hoeing helps in keeping the plot free from weeds. Pendimethalin 1 liter / ac</p>																																																
S. No	Commercial attributes	Details																																																

1.	Yield of kapas/ac (Average)	6-8 q/ac in south and central zone under irrigated condition 4-6 q/ac in south and central zone under rainfed condition			
2.	Yield of lint/ac (Average)	1.8-2.5 q/ac in south and central zone under irrigated condition 1.2-1.9 q/ac in south and central zone under rainfed condition			
3.	Ginning%	31-32 low			
4.	Fibre traits: a) Colour b) Length (2.5% Span Length (mm) c) Strength (8/tex) d) Fineness (Micronaire Value) e) Uniformity (%) f) Maturity (%)	White Medium (20.5 - 24.5 mm) Medium (21.0 - 24.0 g/tex) Medium (3.0 - 3.9) Excellent (>47) Good (66-80)			
5.	Plant height (cm) (Average)	Very tall (>150)			
6.	Reaction against drought like drought heat, salinity etc.	N22	GH77	14	1723

24. Application No. _____ filed on 20.08.2014 by **Kaveri Seed Company Ltd. 513-B, 5th Floor, Minerva Complex, SD Road, Secunderabad-500003** for New variety of crop **Tetraploid Cotton** (*Gossypium hirsutum* L.) having denomination **KCL-12** 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 : KCL-12
Applicant : Kaveri Seed Company Ltd.
Address of the applicant : Survey No. 69, Gundlapochampally (Vill. & Panchayat),
Medchal-Mandal, Rangareddy- Dist-501401
Nationality of applicant : Indian
Application details
a. Number :

N22	GH77	14	1723
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b. Date of receipt : 20.08.2014
c. Date of acceptance : --
Crop (taxonomical lineage) : Tetraploid Cotton (*Gossypium hirsutum* L.)
Denomination : KCL-12
Type of variety : New

Classification of variety : Typical
 Previously proposed
 Denomination : Not applicable
 Name of parental material : KGPGH-25 x KGPGH-30
 Source of parental material : Own germplasm
 Name of reference varieties : Bikaneri Nerma

Variety description:

A. Grouping characteristics		Remarks (measured values)
Leaf : Shape (Characteristic 8)		Palmate (Normal)
Flower : Petal colour (Characteristic 15)		Cream
Flower :Pollen colour (Characteristic 19)		Cream
Boll: Shape (Characteristic 23)		Ovate
Fibre : Length (Characteristic 33)		Medium long
B. Distinct characteristic of candidate variety: KCL-12 has distinguishing character as flower stigma exerted, seed index (100 seed weight in g) very bold.		
C. Distinct characteristic of reference varieties: Bikaneri Nerma has distinguishing character as flower stigma embedded, seed index (100 seed weight in g) medium.		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No	Agronomic attributes	Details
1.	Growth habit Determinate/Indeterminate	Indeterminate
2.	Day of flowering anthesis (average)	58 days
3.	Day to physiological maturity	170-175 days
4.	Seed rate per ac	1 kg/ac
5.	Recommended nutrition /ac: Organic (kg/ac) Inorganic (kg/ac)	Nitrogen should be in two splits i.e. 50% at sowing time and 50% at square formation stage. While whole P and K should be applied as basal dose F:Y:M: 4535 - 5443 kg/ac 50:25:15 N:P:K kg/ac
6.	Spacing (cm): Row x Row Plant x Plant	120 cm for heavy soils, 90 cm for medium soils 60 cm
7.	Soil requirements to attain potential yield	Medium to heavy well drained soil with 6.0-8.5 pH
8.	Plant protection to attain potential yield	As per the package of practices recommended by SAU/CICR

9.	Sowing window requirement to attain potential yield (Zone wise)	Central zone: 1st june to 7th july South zone : 1st june to 30 july
10.	Number of irrigations required to attain potential yield	3-4 irrigations at critical stage.
11.	The best growing season to attain potential yield (Zone wise)	Central zone : June to February South zone : June to February
12.	Climatic zone of India in which the varietal/ hybrid trials were conducted	Central zone and south zone
13.	Intracultural operations training pruning & nipping	2-3 intercultural operations. Nipping is done when there is excessive growth.

25. Application No.

N22	GH77	14	1719
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 filed on 20.08.2014 by **Kaveri Seed Company Ltd. 513-B, 5th Floor, Minerva Complex, SD Road, Secunderabad-500003** for New variety of crop **Tetraploid Cotton (*Gossypium hirsutum* L.)** having denomination **KCL-18** 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 : KCL-18
Applicant : Kaveri Seed Company Ltd.
Address of the applicant : Survey No. 69, Gundlapochampally (Vill. & Panchayat),
Medchal-Mandal, Rangareddy- Dist-501401
Nationality of applicant : Indian
Application details :
a. Number :

N22	GH77	14	1719
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b. Date of receipt : 20.08.2014
c. Date of acceptance : --
Crop (taxonomical lineage) : Tetraploid Cotton (*Gossypium hirsutum* L)
Denomination : KCL-18
Type of variety : New
Classification of variety : Typical
Previously proposed Denomination : Not applicable
Name of parental material : Ankur Akka F1 x Laxmi
Source of parental material : Own germplasm
Name of reference varieties : Bikaneri Nerma

Variety description:

A. Grouping characteristics		Remarks (measured values)
Leaf : Shape (Characteristic 8)		Palmate (Normal)
Flower : Petal colour (Characteristic 15)		Cream
Flower :Pollen colour (Characteristic 19)		Cream
Boll: Shape (Characteristic 23)		Ovate
Fibre : Length (Characteristic 33)		long
B. Distinct characteristic of candidate variety:		
KCL-18 has distinguishing character as light green leaf colour, flower petal spot present, flower stigma exerted, seed fuzz colour is white.		
C. Distinct characteristic of reference varieties:		
Bikaneri Nerma has distinguishing character as green leaf colour, flower petal spot absent, flower stigma is embedded, seed fuzz colour grey.		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No	Agronomic attributes	Details
1.	Growth habit (Determinate/ Indeterminate)	Indeterminate
2.	Day of flowering anthesis (average)	65 days
3.	Day to physiological maturity	175-185 days
4.	Seed rate per ac	1 kg/ac
5.	Recommended nutrition /ac: Organic (kg/ac) Inorganic (kg/ac)	Nitrogen should be in two splits i.e. 50% at sowing time and 50% at square formation stage. While whole P and K should be applied as Basal dose F:Y:M: 9071-10886 kg/ac 100:50:50 N:P:K kg/ac
6.	Spacing (cm) Row x Row Plant x Plant	120 cm heavy soils, 90 cm medium soils 60 cm
7.	Soil requirements to attain potential yield	Medium to heavy well drained soil with 6.0-8.5. pH
8.	Plant protection to attain potential yield	As per the package of practices recommended by SAU/CICR
9.	Sowing window requirement to attain potential yield (Zone wise)	Central zone: 1 st June to 7 th July South zone : 1 st June to 30 th July
10.	Number of irrigations required to attain potential yield	3-4 irrigations at critical stage.
11.	The best growing season to attain potential yield (Zone wise)	Central zone : June to February South zone : June to February

12.	Cropping/Climatic zone of India in which the varietal/ hybrid trials were conducted	Central zone and south zone
13.	Intracultural operations training pruning & nipping	2-3 intercultural operations. Nipping is done when there is excessive growth.

26. Application No.

F130	OS147	15	416
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 filed on 23.03.2015 by **Sagar krishnanagar swami vivekananda youth cultural society, Village: Krishnanagar, PO: Sagar Krishnanagar, Block Sagar, Dist: South 24 Parganas-743373** for **Farmer** variety of crop **Rice (*Oryza sativa* L.)** having denomination **HARINA KHURI** 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 - 110012.

Passport data of the variety : HARINA KHURI
Applicant : Sagar krishnanagar swami vivekananda youth cultural society
Address of the applicant : Village: Krishnanagar, PO: Sagar Krishnanagar, Block Sagar, Dist: South 24 Parganas-743373
Nationality of applicant : Indian
Application detail
Number :

F130	OS14	15	416
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Date of receipt : 23.03.2015
Date of acceptance : -
Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)
Denomination : HARINA KHURI
Type of variety : Farmer
Classification of variety : Typical
Previously proposed :
Denomination : Not applicable
Name of reference varieties : BPT 5204, T-23

Variety Description:

A. Grouping characteristics	Remarks (measured values)
Basal leaf: Sheath colour (Characteristic 2)	Green

Time of heading (50% of plants with panicles) (Characteristic 20)	Medium	
Stem: Length excluding panicles (Characteristic 29)	Very short	
Decorticated grain: Length (Characteristic 54)	Medium	
Decorticated grain: Shape (in lateral view) (Characteristic 56)	Short slender	
Decorticated grain: Colour (Characteristic 57)	Light brown	
Endosperm: Content of amylose (Characteristic 59)	Medium	
Decorticated grain: Aroma (Characteristic 62)	Present	
B. Distinct characteristic of candidate variety: HARINA KHURI has distinguishing character as semi-erect flag leaf attitude of blade (early observation), panicle well exerted, medium decorticated grain length.		
C. Distinct characteristic of reference varieties: BPT 5204 and T-23 have distinguishing character as erect flag leaf attitude of blade (early observation), panicle mostly exerted, short decorticated grain length.		
D. Agronomic & Commercial attributes		
S. No.	Agronomic attributes	Details
1.	Day to flowering/ Anthesis(Average)	110-115 days
2.	Day to maturity (Early/ Medium/ Late)	140-145 days
3.	Production condition: Suitable area in country :Time of sowing :Irrigated/Rain-fed :Low fertility/High fertility of soil	Gangetic delta July Rain-fed Low fertility of soils
7.	Tolerance and disease and pests	Mid tolerance to brown spot diseases, and yellow stem borer
8.	Tolerance to adverse temperature / frost/ heat/salinity	Salinity
S. No.	Commercial attributes	Details
1.	Kernel size	Medium slender
2.	Seed luster (Present/ Absent)	Absent
3.	Grain yield/ac	11-14 q/ac
4.	Seed weight (100 grain weight in g)	15-16g
5.	Any other relevant information specific to the variety / hybrid to attain potential yield	Aromatic rice (medium aroma)

27. Application No.

N1	GH2	16	20
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 d on 22.01.2016 by Maharashtra Hybrid Seeds Company Pvt. Limited Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400020 for a

New variety of crop **Tetraploid Cotton** (*Gossypium hirsutum* L.) having denomination **MRC 7388 BG-II** 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 : MRC 7388 BG-II
Applicant : Maharashtra Hybrid Seeds Company Pvt. Limited
Address of the applicant : Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400020
Nationality of applicant : Indian
Application details
a. Number :

N1	GH2	16	20
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b. Date of receipt : 22.01.2016
c. Date of acceptance : --
Crop (Taxonomical Lineage) : Tetraploid Cotton (*Gossypium hirsutum* L.)
Denomination : MRC 7388 BG-II
Type of variety : New
Classification of variety : Transgenic & Inbred Parental Line
Previously proposed Denomination : Not applicable
Name of parental material : C 5022 BG-II x C 312 CA
Source of parental material : Own germplasm
Name of Reference Varieties : MCU-11, MCU-3

Variety Description:

A. Grouping characteristics	Remarks (measured values.)
Leaf : Shape Characteristic(8)	Palmate
Flower : Petal colour Characteristic(15)	Cream
Flower : Pollen colour Characteristic(19)	Cream
Boll : Shape Characteristic(23)	Round
Fibre : Length Characteristic(33)	Long

<p>B. Distinct characteristic of candidate variety : MRC 7388 BG-II has distinguishing characters as flower stigma embedded</p>
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C. Distinct characteristic of reference variety: MCU-11 and MCU-3 have distinguishing characters as flower stigma exerted						
D. Date of commercialization of the variety				-		
E. Agronomic & Commercial attributes						
S. No.	Attributes			Details		
1.	Days to physiological maturity (average)			170-180 days		
2.	Boll shape			ovate		
3.	Boll size			Large (5.1-6.0 g)		
4.	Boll opening			Open		
5.	Fiber length(mm)			Long (27.5-31.0 mm)		
6.	Ginning out	N92	GH113	13	259	High (35-36%)
7.	Potential yield			8-12 q/ ac		

28. Application No. _____ filed on 26.04.2013 by **Ajeet Seeds Ltd., 2nd Floor Tapadia Terraces, Adalat Road, Aurangabad-431001** for New variety of crop **Tetraploid Cotton** (*Gossypium hirsutum* L.) having denomination **ACG-40-2 BG-II** 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 : ACG-40-2 BG-II
Applicant : Ajeet Seeds Ltd.
Address of the applicant : 2nd Floor Tapadia Terraces, Adalat Road, Aurangabad-431001
Nationality of applicant : Indian
Application details
a. Number :

N92	GH113	13	259
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b. Date of receipt : 26.04.2013
c. Date of acceptance : --
Crop (taxonomical lineage) : Tetraploid Cotton (*Gossypium hirsutum* L.)
Denomination : ACG-40-2 BG-II
Type of variety : New
Classification of variety : Transgenic (Other Inbred Parental Line)

Previously proposed
Denomination : Not applicable
Name of parental material : ACG-31x 512MMB
Source of parental material : Own germplasm developed from Monsanto line expressing event MON 15985
Name of reference varieties : Kanchana, Supriya

Variety description:

A. Grouping characteristics		Remarks (measured values)
Leaf : Shape (Characteristic 8)		Normal
Flower : Petal colour (Characteristic 15)		Cream
Flower : Pollen colour (Characteristic 19)		Cream
Boll : Shape (Characteristic 23)		Round
Fibre : Length (Characteristic 33)		Medium Long (25.0 - 27.0)
B. Distinct characteristic of candidate variety: ACG-40-2 BG-II has distinguishing character as bold seed index, ginning % low		
C. Distinct characteristic of reference varieties: Kanchana and Supriya have distinguishing character as medium seed index, ginning% medium		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No	Agronomic attributes	Details
1.	Growth habit (Determinante/ indeterminate)	Indeterminate
2.	Days to flowering/Anthesis (Average)	50
3.	Days to physiological maturity (Average)	145-155
4.	Seed rate per ac	1.0 kg
5.	Recommended Nutrition / ac schedule to attain potential yield and time of application: Organic (Per ac) Inorganic(Per ac) Other fertilizer(Per ac)	FYM 10 -15 CL 40:20:20 NPK Mg, Zn & Fe 4kg & Boron 2kg
6.	Spacing (cm) requirements to attain potential yield: Row to Row Plant to Plant	90 cm 60 cm
7.	Soil requirement to attain potential yield	Black cotton soil
8.	Plant protection measures to attain the potential yield	As per recommendation
9.	Sowing window requirement to attain potential yield (Zone wise)	After onset of monsoon (June)
10.	Number of irrigation required to attain potential yield	4 (depends on rainfall)
11.	The best growing season to attain potential yield (Zone wise)	Kharif

12.	Any other relevant information specific to variety/hybrid	This line is being used as inbred parental line in hybrid seed production
S. No.	Commercial attributes	Details
1.	Yield of Kapas /ac (Average)	8-10 q/ac
2.	Yield of Lint /ac (Average)	3-4 q/ac

29. Application No.

F713	OS770	15	1801
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 filed on 29.09.2015 by **Amarkan Rural Socio-Environmental Welfare Society (ARSW Society), Village: Ranbahal, PO: Amarkan, Dist: Bankura, West Bengal-722133** for **Farmer** variety of crop **Rice (*Oryza sativa* L.)** having denomination **GANDHASAL-I** 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 : GANDHASAL-I
Applicant : Amarkan Rural Socio-Environmental Welfare Society (ARSW Society)
Address of the applicant : Village: Ranbahal, PO: Amarkan, Dist: Bankura West Bengal-722133
Nationality of applicant : Indian
Application details
a. Number :

F713	OS770	15	1801
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b. Date of receipt : 29.09.2015
c. Date of acceptance : --
Crop (taxonomical lineage) : Rice (*Oryza sativa* L.)
Denomination : GANDHASAL-I
Type of variety : Farmer
Classification of variety : Typical
Previously proposed :
Denomination : Not applicable
Name of reference varieties : Ambemohar, PA6444

Variety description:

A. Grouping characteristics	Remarks (measured values)
Basal leaf: Sheath colour (Characteristic 2)	Light purple
Time of heading (50% of plants with panicles) (Characteristic 20)	Medium (91-110 days)

Stem: Length excluding panicles (Characteristic 29)	Very short	
Decorticated grain: Length (Characteristic 54)	Short	
Decorticated grain: Shape (in lateral view) (Characteristic 56)	Short bold	
Decorticated grain: Colour (Characteristic 57)	White	
Endosperm: Content of amylose (Characteristic 59)	Medium (20-25%)	
Decorticated grain: Aroma (Characteristic 62)	Present	
B. Distinct characteristic of candidate variety: GANDHASAL-I has distinguishing character as panicle length of main axis long, late leaf senescence		
C. Distinct characteristic of reference varieties: Ambemohar has distinguishing character as panicle length of main axis medium, early leaf senescence. PA6444 has distinguishing character as panicle length of main axis is short, medium leaf senescence.		
D. Date of commercialization of the variety	-	
E. Agronomic & Commercial attributes		
S. No	Attributes	Details
1.	Days to flowering/Anthesis (Average)	88 days
2.	Days to physiological maturity (Average)	Late
3.	Production condition : Suitable area in the country :Time of sowing :Irrigated / Rainfed :Low fertility/ High fertility of soil	Red and lateritic agro climatic zone of the West Bengal. Kharif season (June - July to September-October) Rainfed medium land Low fertility
7.	Tolerance to disease & pest/s	Not evaluated
8.	Tolerance to adverse temperature/ frost/ salinity	Not evaluated
9.	Grain characters: Physical a) Kernel size b) Seed lustre c) Seed colour	Short bold absent Straw
12.	Grain yield /ac	344.4 q/ac
13.	Seed weight (1000 grain weight in g)	1.48g
14.	Any other relevant value addition information specific to the variety in terms of trade	Fragrant variety

30. Application No.

N90	GH111	13	257
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 filed on 26.04.2013 by **Ajeet Seeds Ltd, 2nd Floor Tapadia Terraces, Adalat Road, Aurangabad-431001** for **New** variety of crop **Tetraploid Cotton** (*Gossypium hirsutum* L.) having denomination **ACG-GMS-14-II (Ajeet-GMS-14-II)** 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 : ACG-GMS-14-II (Ajeet-GMS-14-II)
Applicant : Ajeet Seeds Ltd
Address of the applicant : 2nd Floor Tapadia Terraces, Adalat Road, Aurangabad-431001
Nationality of applicant : Indian
Application details
a. Number :

N90	GH111	13	257
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b. Date of receipt : 26.04.2013
c. Date of acceptance : --
Crop (taxonomical lineage) : Tetraploid Cotton (*Gossypium hirsutum* L.)
Denomination : ACG-GMS-14-II (Ajeet-GMS-14-II)
Type of variety : New
Classification of variety : Transgenic (Other Inbred Parental Line)
Previously proposed :
Denomination : Not applicable
Name of parental material : GMS SRT-1x ACG-14-II
Source of parental material : Own germplasm developed from Monsanto line expressing event MON 15985
Name of reference varieties : Kanchana, Anjali

Variety description:

A. Grouping characteristics	Remarks (measured values)
Leaf : Shape (Characteristic 8)	Palmate (Normal)
Flower : Petal colour (Characteristic 15)	Yellow
Flower : Pollen colour (Characteristic 19)	Cream
Boll : Shape (Characteristic 23)	Round
Fibre : Length (Characteristic 33)	Medium long (25.0 - 27.0)
B. Distinct characteristic of candidate variety: ACG-GMS-14-II (Ajeet-GMS-14-II) has distinguishing character as medium time of flowering, open boll opening, grey seed fuzz colour.	

C. Distinct characteristic of reference varieties:		
Kanchana has distinguishing character as late time of flowering, semi open boll opening, white seed fuzz colour.		
Anjali has distinguishing character as late time of flowering, open boll opening, brown seed fuzz colour.		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No.	Agronomic attributes	Details
1.	Growth habit (Determinate/ indeterminate)	Indeterminate
2.	Days to flowering/Anthesis (Average)	50
3.	Days to physiological maturity (Average)	145-155
4.	Seed rate per ac	1.0 kg
5.	Recommended Nutrition / ac schedule to attain potential yield and time of application : Organic (Per ac) Inorganic (Per ac) Other fertilizer (Per ac)	FYM 10 -15 CL 40:20:20 NPK Mg, Zn & Fe 4kg & Boron 2kg
6.	Spacing (cm) requirements to attain potential yield: Row to Row Plant to Plant	90 cm 60 cm
7.	Soil requirement to attain potential yield	Black cotton soil
8.	Plant protection measures to attain the potential yield	As per recommendation
9.	Sowing window requirement to attain potential yield (Zone wise)	After onset of monsoon (June)
10.	Number of irrigation required to attain potential yield	4 (depends on rainfall)
11.	The best growing season to attain potential yield (Zone wise)	Kharif
12.	Any other relevant information specific to variety/hybrid	This line is being used as inbred parental line in hybrid seed production
S. No.	Commercial Attributes	Details
1.	Yield of kapas /ac (Average)	8-10 q/ac
2.	Yield of lint /ac (Average)	3-4 q/ac

31. Application No.

E8	GH11	14	454
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 filed on 26.02.2014 by **Prabhat Agri Biotech Ltd., #8-2-277/45, 1st Floor, UBI Colony, Road No.3, Banjara Hills, Hyderabad-500034** for Extant (VCK) variety of crop **Tetraploid Cotton** (*Gossypium hirsutum* L.) having denomination **PC - P621** 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 : PC - P621
Applicant : Prabhat Agri Biotech Ltd
Address of the applicant : 8-2-277/45, 1st Floor, UBI Colony, Road No.3, Banjara Hills, Hyderabad-500034
Nationality of applicant : Indian
Application details
a. Number :

E8	GH11	14	454
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b. Date of receipt : 26.02.2014
c. Date of acceptance : --
Crop (taxonomical lineage) : Tetraploid Cotton (*Gossypium hirsutum* L.)
Denomination : PC-P621
Type of variety : Extant (VCK)
Classification of variety : Other (Inbred Parental Line)
Previously proposed Denomination : Not applicable
Name of parental material : NDL 1325 x BN-1
Source of parental material : Own germplasm
Name of reference varieties : MCU-11

Variety description:

A. Grouping characteristics		Remarks (measured values)
Leaf : Shape (Characteristic 8)		Palmate (Normal)
Flower : Petal colour (Characteristic 15)		Cream
Flower : Pollen colour (Characteristic 19)		Cream
Boll : Shape (Characteristic 23)		Ovate
Fibre : Length (Characteristic 33)		Medium long (25.0 - 27.0)
B. Distinct characteristic of candidate variety: PC - P621 has distinguishing character as boll opening is open		
C. Distinct characteristic of reference varieties: MCU-11 has distinguishing character as boll opening is semi-open		
D. Date of commercialization of the variety		18.06.2010
E. Agronomic & Commercial attributes		
S. No.	Agronomic attributes	Details
1.	Growth habit (Determinate/Indeterminate)	Indeterminate (31-60cm)
2.	Days to flowering/Anthesis (Average)	Early (<50days)

3.	Days to Physiological Maturity (Average)	150-165 days																																																
4.	Seed Rate Per ac	2-3 kg/ac																																																
5.	Recommended Nutrition / ac schedule to attain potential yield and time of application: Organic (Per Ac) Inorganic (Per Ac)	<p>Fertilizer management: Avoid growing cotton after cotton in the same field and follow crop rotation with crops like maize, soybean, sorghum, paddy and chillies / vegetables. Always apply FYM or compost@ 5-10 tons/ ac three to four weeks before final harrowing and sowing. Cotton needs timely balanced NPK application for greater boll retention in a short period and follow fertilizer application either on soil test recommendation or the fertilizer dosage recommended below.</p> <p>Fertilizer recommendation (kg/ac)</p> <table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="3">Irrigated</th> <th colspan="3">Rain fed</th> </tr> <tr> <th>N</th> <th>P</th> <th>K</th> <th>N</th> <th>P</th> <th>K</th> </tr> </thead> <tbody> <tr> <td>Basal dose (at sowing)</td> <td>20</td> <td>8</td> <td>8</td> <td>10</td> <td>10</td> <td>10</td> </tr> <tr> <td>1st Top dressing (25 DAS)*</td> <td>10</td> <td>6</td> <td>6</td> <td>10</td> <td>-</td> <td>-</td> </tr> <tr> <td>2nd Top dressing (50 DAS)*</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>3rd Top dressing (75 DAS)*</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Total Requirement</td> <td>30</td> <td>14</td> <td>14</td> <td>20</td> <td>10</td> <td>10</td> </tr> </tbody> </table> <p>DAS – Days After Sowing</p> <p>Micronutrients: Spray GA Leader @ 500 g/ac at 40days, 750g/ac at 70 days and 1000g/ac at 100 days after sowing to avoid micronutrient deficiency. Soil application of GA leader also can be done @ 8kg/ac.</p>		Irrigated			Rain fed			N	P	K	N	P	K	Basal dose (at sowing)	20	8	8	10	10	10	1st Top dressing (25 DAS)*	10	6	6	10	-	-	2nd Top dressing (50 DAS)*	-	-	-	-	-	-	3rd Top dressing (75 DAS)*	-	-	-	-	-	-	Total Requirement	30	14	14	20	10	10
	Irrigated			Rain fed																																														
	N	P	K	N	P	K																																												
Basal dose (at sowing)	20	8	8	10	10	10																																												
1st Top dressing (25 DAS)*	10	6	6	10	-	-																																												
2nd Top dressing (50 DAS)*	-	-	-	-	-	-																																												
3rd Top dressing (75 DAS)*	-	-	-	-	-	-																																												
Total Requirement	30	14	14	20	10	10																																												
6.	Spacing (cm) requirement to attain potential yield: Row to Row Plant to Plant	<p>Row to row and plant to plant spacing may be followed based on soil texture, fertility status, irrigation availability, drip irrigation facility, crop rotation etc.</p> <p>Deep black soil of Gujrat, Madhya Pradesh and Khandesh region of Maharashtra : 90x60cm or 90x45 cm</p> <p>Black cotton soil of Vidarbha and Marathwada (Maharashtra) : 90x45cm or 90x60cm or 90x30cm</p>																																																

		Andhra Pradesh and Telangana – heavy soil – 90x60cm or 90x45cm, Medium soil- 90x45cm or 90x60cm or 90x30cm, 75x30cm.
7.	Soil requirements to attain the potential yield	Karnatka-Heavy soil 90x60cm or 90x45cm, Medium soil- 90x45cm or 90x60cm or 90x30cm, Tamilnadu and Orissa- Heavy soil 90x60cm or 90x45cm, Medium soil- 90x45cm or 90x60cm or 90x30cm, Optimum plant population should be maintained by gap filling as minimum standard for germination is 75% under the seed act 1966 and rules thereof.
8.	Plant protection measures to attain the potential yield	Plant protection: it is very essential to control sucking pests like jassids, Aphids, Thrips and whitefly, like Non Bt crop as bollworm resistant trait doesn't provide any resistance for these pests. Protect crop against sucking pests i.e. aphids and jassids with clothianidin 15 to 20 g/ac, Buprofezin 120 to 160 ml/ac, Acetamiprid 20-40 g/ac or imidachloprid 50-100 ml /ac or flonicamid 60 ml/ac. Disease Management It is advisable to take up 1 or 2 prophylactic spraying after 90-100 days of crop growth with fungicide like metalaxyl mancozeb, carbendazim, copper oxychloride and streptomycin or the combination of these for prevention / control of disease like Grey mildew, Alternaria, cercospora leaf spot, Bacterial blight etc.
9.	Sowing window requirement to attain potential yield (Zone wise)	Second week of June to first week of July
10.	Number of irrigations required to attain the potential yield	Water Management: Irrigation by furrow or alternate furrow method is more effective. Drip irrigation is becoming popular particularly in central and southern zones. On black soil, 5-6 irrigations are commonly required at the interval of 20 days. On red/light/ sandy loam soils with low water retention capacity, 8-10 irrigations may be required at the interval of 15 days.

11.	The best growing season to attain the potential yield (Zone wise)	Kharif in south and central zone
12.	Cropping/Climatic zone of India in which the varietal/ hybrid trials were conducted	South and Central zone
13.	Intercultural operations (including training, pruning & nipping)	Weed Management: During critical crop growth up to 60 days, fields should be weed free. Three to four inter cultivations (hoeing) at 15 days interval after 30 days of sowing helps in keeping the plot free from weeds. Pendimethalin (a) 1 L/ac is effective pre-emergence herbicide control nearly 75% of weeds including annual grasses.
S. No.	Commercial attributes	Details
1.	Zone wise yield potential (Average) per ac (q/ac) (if applicable)	-
2.	Yield of kapas/ac (Average)	6-8 q/ac in south and central zone under irrigated condition and 4-6q/ac in south and central zone under rainfed condition
3.	Yield of lint/ac (Average)	2.1-2.8 q/ac in south and central zone under irrigated condition and 1.4-2.1 q/ac in south and central zone under rainfed condition
4.	No. of the fruits/pl (Average)	
5.	Ginning %	High (35-36)
6.	Fiber traits: a. Colour b. Length (2.5% span length (mm) c. Strength (8/tex) d. Fineness (Micronaire value) e. Uniformity (%) f. Maturity (%)	White Long (27.5 – 32.0 mm) Strong (25.0-28.0/tex) Fine (3.0-3.9) Excellent (>47) Very good (<81)
7.	Plant height (cm) Average	Medium tall (91-120)
8.	Reaction against major disease and pests	Moderate tolerance to whiteflies
9.	Reaction to major abiotic stresses like drought, heat, salinity etc.	Drought tolerant

32. Application No.

N89	GH110	13	256
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 filed on 26.04.2013 by **Ajeet Seeds Ltd, 2nd Floor Tapadia Terraces, Adalat Road, Aurangabad-431001** for **New variety of crop Tetraploid Cotton (*Gossypium hirsutum* L.)** having denomination **ACG-17-II (Ajeet-17 BG-II)** 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 : ACG-17-II (Ajeet-17 BG-II)
Applicant : Ajeet Seeds Ltd
Address of the applicant : 2nd Floor Tapadia Terraces, Adalat Road, Aurangabad-431001
Nationality of applicant : Indian
Application details
a. Number :

N89	GH110	13	256
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b. Date of receipt : 26.04.2013
c. Date of acceptance : --
Crop (taxonomical lineage) : Tetraploid Cotton (*Gossypium hirsutum* L.)
Denomination : ACG-17-II (Ajeet-17 BG-II)
Type of variety : New
Classification of variety : Transgenic (Other Inbred Parental Line)
Previously proposed :
Denomination : Not applicable
Name of parental material : ACG-1172 x 512 BG-II
Source of parental material : Own germplasm
Name of reference varieties : Sahana, Supriya

Variety description:

A. Grouping characteristics		Remarks (measured values)
Leaf : Shape (Characteristic 8)		Palmate (Normal)
Flower : Petal colour (Characteristic 15)		Cream
Flower : Pollen colour (Characteristic 19)		Yellow
Boll : Shape (Characteristic 23)		Round
Fibre : Length (Characteristic 33)		Medium long (25.0 - 27.0)
B. Distinct characteristic of candidate variety: ACG-17-II (Ajeet-17 BG-II) has distinguishing character as medium to large boll weight of seed cotton/boll, ginning% high.		
C. Distinct characteristic of reference varieties: Sahana has distinguishing character as weight of seed cotton/boll is small, ginning% very high Supriya has distinguishing character as weight of seed cotton/boll is small, ginning% medium		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No.	Agronomic attributes	Details
1.	Growth habit (Determinate/ indeterminate)	Indeterminate
2.	Days to flowering/Anthesis (Average)	50 Day

3.	Days to physiological maturity (Average)	145 Day
4.	Seed rate per ac	1.0 kg
5.	Recommended Nutrition / ac schedule to attain potential yield and time of application: Organic (Per Ac) Inorganic (Per Ac) Other fertilizer (Per Ac)	FYM 10 -15 CL 40:20:20 NPK Mg, Zn & Fe 4kg & Boron 2kg
6.	Spacing (cm) requirements to attain potential yield Row to Row Plant to Plant	90 cm 60 cm
7.	Soil requirement to attain potential yield	Black cotton soil
8.	Plant protection measures to attain the potential yield	As per recommendation
9.	Sowing window requirement to attain potential yield (Zone wise)	After onset of monsoon (June)
10.	Number of irrigation required to attain potential yield	04 (depends on rainfall)
11.	The best growing season to attain potential yield (Zone wise)	Kharif
12.	Cropping/ Climatic zone of India in which varietal/ hybrid trials were conducted	-
13.	Any other relevant information specific to variety/hybrid	This line is being used as inbred parental line in hybrid seed production
S. No.	Commercial attributes	Details
1.	Zone wise yield potential (Average) per ac (q/ac)	--
2.	Yield of kapas /ac (Average)	8-10 q/ac
3.	Yield of lint /ac (Average)	3-4 q/ac

33. Application No.

F450	OS506	13	1250
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 filed on 10.12.2013 by **Abdul Latif, S/o Koka Mia, Village: Kholapute, P.O.: Sadarshi, G.P. Akbarpur, Dist: Karimganj, Assam** for Farmer variety of crop **Rice (*Oryza sativa* L.)** having denomination **DOUBLE GRAIN** 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 : DOUBLE GRAIN
Applicant : Abdul Latif

Address of the applicant : S/o Koka Mia, Village: Kholapute, P.O.: Sadarshi, G.P.
Akbarpur, Dist: Karimganj, Assam

Nationality of applicant : Indian

Application details

a. Number :

F450	OS506	13	1250
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b. Date of receipt : 10.12.2013

c. Date of acceptance : --

Crop (taxonomical lineage) : Rice (*Oryza sativa* L.)

Denomination : DOUBLE GRAIN

Type of variety : Farmer

Classification of variety : Typical

Previously proposed

Denomination : Not applicable

Name of reference varieties : PKV Ganesh

Variety description:

A. Grouping characteristics		Remarks (measured values)
Basal leaf: sheath colour (Characteristic 2)		Green
Time of heading (50% of plant with panicles) (Characteristic 20)		Early (71-90 days)
Stem length:(excluding panicles) (Characteristic 29)		Very short (<91cm)
Decorticated grain: length (Characteristic 54)		Medium
Decorticated grain: shape (in lateral view)(Characteristic 56)		Short slender
Decorticated grain: colour (Characteristic 57)		Light brown
Endosperm: Content of amylose (Characteristic 59)		Very low (<10%)
Decorticated grain: Aroma (Characteristic 62)		Absent
B. Distinct characteristic of candidate variety: DOUBLE GRAIN has distinguishing character as spikelet density of pubescence of lemma medium.		
C. Distinct characteristic of reference varieties: PKV Ganesh has distinguishing character as spikelet density of pubescence of lemma weak.		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No.	Agronomic attributes	Details
1.	Days to flowering/Anthesis (Average)	106 days
2.	Days to maturity (Early/Medium/Late)	Early
3.	Tolerance to disease and Pest/s	Moderate
4.	Tolerance to adverse temperature / frost/ heat/ salinity	Moderate

5.	Production condition : suitable area in the country : Time of sowing :Irrigated /Rainfed :Low fertility/ High fertility soil	Barak valley zone, Assam June - July Rainfed Both
	Commercial attributes	Details
6.	Grain characters: Physical a) Kernel size b) Seed luster (Present/Absent) c) Seed colour	Length: 6.5cm, Breadth: 1.5 cm Absent Brown
7.	Grain yield q /ac	12.14-14.16 q/ac
8.	Seed weight (100 seed weight in g)	2.84
9.	Any other relevant value addition information specific to the variety/hybrid to attain potential yield	Nil

34. Application No.

N38	GH93	14	1735
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 filed on 20.08.2014 by **Kaveri Seed Company Ltd, #513-B, 5th Floor, Minerva Complex, SD Road, Secunderabad-500003, Telangana** for **New** variety of crop **Tetraploid Cotton** (*Gossypium hirsutum* L.) having denomination **KCL-5** 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 : KCL-5
Applicant : Kaveri Seed Company Ltd
Address of the applicant : #513-B, 5th Floor, Minerva Complex, SD Road, Secunderabad -500003
Nationality of applicant : Indian
Application details
a. Number :

N38	GH93	14	1735
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b. Date of receipt : 20.08.2014
c. Date of acceptance : --
Crop (taxonomical lineage) : Tetraploid Cotton (*Gossypium hirsutum* L.)
Denomination : KCL-5
Type of variety : New
Classification of variety : Typical
Previously proposed

Denomination : Not applicable
 Name of parental material : KGPGH-41x NA 1588
 Source of parental material : Own germplasm
 Name of reference varieties : F 1378, F 846

Variety description:

A. Grouping characteristics		Remarks (measured values)
Leaf : Shape (Characteristic 8)		Palmate
Flower : Petal colour (Characteristic 15)		Cream
Flower : Pollen colour (Characteristic 19)		Cream
Boll : Shape (Characteristic 23)		Round
Fibre : Length (Characteristic 33)		Medium
B. Distinct characteristic of candidate variety: KCL-5 has distinguishing character as weight of seed cotton/boll medium to large.		
C. Distinct characteristic of reference varieties: F 1378 has distinguishing character as weight of seed cotton/boll very small to small. F 846 has distinguishing character as weight of seed cotton/boll medium.		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Growth habit (Determinate/ indeterminate)	Indeterminate
2.	Days to flowering/Anthesis (Average)	59 days
3.	Days to physiological maturity (Average)	170-175 days
4.	Seed rate per ac	1kg/ac
5.	Recommended Nutrition / ac schedule to attain potential yield and time of application : Organic (Per ac) Inorganic (Per ac) Other fertilizer(Per ac)	Nitrogen should be in two splits i.e. 50% at square formation stage. While whole P and K should be applied as basal dose. FYM 37-44 q/ac 40:20:20 NPK -
6.	Spacing (cm) requirements to attain potential yield: Row to Row Plant to Plant	120 cm (Heavy soil), 90 cm (Medium soil) 60 cm
7.	Soil requirement to attain potential yield	Medium to heavy, well-drained soil with pH 6.0-8.5
8.	Plant protection measures to attain the potential yield	As per the package of practices recommended by SAU/CICR
9.	Sowing window requirement to attain potential yield (Zone wise)	Central zone: 1 st June to 7 th July South zone: 1 st June to 30 th July

10.	Number of irrigation required to attain potential yield	3-4 irrigations at critical stage
11.	The best growing season to attain potential yield (Zone wise)	Central zone: June to February South zone: June to February
12.	Climatic zone of India in which the varietal/ hybrid trial were conducted	Central zone and South zone
13.	Intercultural operation (including training, pruning & nipping.)	2-3 intercultural operations nipping is done when there is excessive growth.

35. Application No.

N93	GH114	13	260
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 filed on 26.04.2013 by **Ajeet Seeds Ltd., 2nd Floor Tapadia Terraces, Adalat Road, Aurangabad-431001** for **New** variety of crop **Tetraploid Cotton** (*Gossypium hirsutum* L.) having denomination **ACG-GMS-28-II (Ajeet-GMS-28 BG-II)** 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 : ACG-GMS-28-II (Ajeet-GMS-28 BG-II)
Applicant : Ajeet Seeds Ltd.
Address of the applicant : 2nd Floor Tapadia Terraces, Adalat Road, Aurangabad 431001
Nationality of applicant : Indian
Application details
a. Number :

N93	GH114	13	260
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b. Date of receipt : 26.04.2013
c. Date of acceptance : --
Crop (taxonomical lineage) : Tetraploid Cotton (*Gossypium hirsutum* L.)
Denomination : ACG-GMS-28-II (Ajeet-GMS-28 BG-II)
Type of variety : New
Classification of variety : Transgenic (Other Inbred Parental Line)
Previously proposed :
Denomination : Not applicable
Name of parental material : GMS SRT-1x ACG-28-II
Source of parental material : Own germplasm
Name of reference varieties : Abadhita, L-604

Variety description:

A. Grouping characteristics	Remarks (measured values)
Leaf : Shape (Characteristic 8)	Palmate

Flower : Petal colour (Characteristic 15)	Cream	
Flower : Pollen colour (Characteristic 19)	Cream	
Boll : Shape (Characteristic 23)	Round	
Fibre : Length (Characteristic 33)	Medium long	
B. Distinct characteristic of candidate variety: ACG-GMS-28-II (Ajeet-GMS-28 BG-II) has distinguishing character as bold seed index		
C. Distinct characteristic of reference varieties: Abadhita and L-604 have distinguishing character as medium seed index		
D. Date of commercialization of the variety	-	
E. Agronomic & Commercial attributes		
S. No.	Agronomic attributes	Details
1.	Growth habit (Determinate/ indeterminate)	Indeterminate
2.	Days to flowering/Anthesis (Average)	50 days
3.	Days to physiological maturity (Average)	145-155 days
4.	Seed rate per ac	1kg/ac
5.	Recommended Nutrition/ac schedule to attain potential yield and time of application: Organic (Per Ac) Inorganic(Per Ac) Other fertilizer(Per Ac)	Nitrogen should be in two splits i.e. 50% at square formation stage. While whole P and K should be applied as basal dose FYM 10-15 CL 40:20:20 NPK Mg, Zn & Fe 4kg & Boron 2 kg
6.	Spacing (cm) requirements to attain potential yield Row to Row Plant to Plant	90 cm 60 cm
7.	Soil requirement to attain potential yield	Black cotton soil
8.	Plant protection measures to attain the potential yield	As per recommendation by SAU/CICR.
9.	Sowing window requirement to attain potential yield (Zone wise)	After onset of monsoon (June)
10.	Number of irrigation required to attain potential yield	04 (depends on rainfall)
11.	The best growing season to attain potential yield (Zone wise)	Kharif
12.	Any other relevant information specific to the variety/hybrid	This line is being used as inbred parental line in hybrid seed production.
S. No	B. Commercial attributes	Details
1.	Yield of kapas/ac	8-10 q/ac
2.	Yield of lint/ac	3-4 q/ac

N41	GH96	14	1738
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36. Application No. _____ filed on 20.08.2014 by **Kaveri Seed Company Ltd, #513-B, 5th Floor, Minerva Complex, SD Road, Secunderabad-500003, Telangana** for New variety of crop **Tetraploid Cotton** (*Gossypium hirsutum* L.) having denomination **KCL-4** 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 : KCL-4
Applicant : Kaveri Seed Company Ltd.
Address of the applicant : #513-B, 5th Floor, Minerva Complex, SD Road, Secunderabad -500003, Telangana
Nationality of applicant : Indian
Application details
a. Number :

N41	GH96	14	1738
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b. Date of receipt : 20.08.2014
c. Date of acceptance : --
Crop (taxonomical lineage) : Tetraploid Cotton (*Gossypium hirsutum* L.)
Denomination : KCL-4
Type of variety : New
Classification of variety : Typical
Previously proposed :
Denomination : Not applicable
Name of parental material : KGPGH-19 x DCH 32
Source of parental material : Own germplasm
Name of reference varieties : J 34, JCC 1

Variety description:

A. Grouping characteristics	Remarks (measured values)
Leaf : Shape (Characteristic 8)	Palmate
Flower : Petal colour (Characteristic 15)	Cream
Flower : Pollen colour (Characteristic 19)	Cream
Boll : Shape (Characteristic 23)	Ovate
Fibre : Length (Characteristic 33)	Medium to long
B. Distinct characteristic of candidate variety: KCL-4 has distinguishing character as light green leaf colour, dense leaf hairiness, dense stem hairiness, boll shape ovate	
C. Distinct characteristic of reference varieties:	

J 34 and **JCC1** have distinguishing character as green leaf colour, medium leaf hairiness, medium stem hairiness, boll shape round

D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Growth habit (Determinate/ Indeterminate)	Indeterminate
2.	Days to flowering/Anthesis (Average)	56 days
3.	Days to physiological maturity (Average)	160-165 days
4.	Seed rate per ac	1-1.5 kg/ac
5.	Recommended Nutrition / ac schedule to attain potential yield and time of application: Organic (Per Ac) Inorganic (Per Ac) Other fertilizer (Per Ac)	Nitrogen should be in two splits i.e. 50% at sowing time and 50% at square formation stage. While whole P and K should be applied as basal dose. FYM 29-37 q/ac 32:16:16 NPK kg/ac --
6.	Spacing (cm.) requirements to attain potential yield: Row to Row Plant to Plant	120 cm (Heavy soil), 90 cm (Medium soil) 45-60 cm
7.	Soil requirement to attain potential yield	Medium to heavy, well-drained soil with pH 6.0-8.5
8.	Plant protection measures to attain the potential yield	As per the package of practices recommended by SAU/CICR.
9.	Sowing window requirement to attain potential yield (Zone wise)	Central zone: 1st June to 7 July South zone: 1st June to 30 July
10.	Number of irrigation required to attain potential yield	1-2 irrigations at critical stage
11.	The best growing season to attain potential yield (Zone wise)	Central zone: June to February South zone: June to February
12.	Climatic zone of India in which the varietal/hybrid trial were conducted	Central zone and South zone
13.	Intercultural operation (including training, pruning & nipping)	2-3 intercultural operations, nipping is done when there is excessive growth