



भारत सरकार
GOVERNMENT OF INDIA

भारतीय पौधा किस्म जर्नल

भारत के राजपत्र के समतुल्य
(नियमावली 12, पौ.कि. और कृ.अ. संरक्षण नियमावली, 2006)

PLANT VARIETY JOURNAL OF INDIA

Equivalent to Gazette of India
(Regulation 12, PPV&FR Regulation, 2006)

खण्ड – 14, अंक – 05, मई 01, 2020
Vol. - 14, No. – 05, May 01, 2020
अपलोड करने की तिथि: जुलाई 31, 2020
Uploaded on July 31, 2020



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

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



भारत सरकार
GOVERNMENT OF INDIA

भारतीय पौधा किस्म जरनल, खण्ड 14, अंक 05
जुलाई 31, 2020 / श्रावण-शुक्ल-12, शक् 1942

Plant Variety Journal of India, Vol. 14, No. 05
July 31, 2020/Savan-Shukla-12, Saka 1942



पौधा किस्म और कृषक अधिकार संरक्षण प्राधिकरण
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NASC Complex, DPS Marg, Opp. Todapur Village, New Delhi – 110 012.

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

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

विषय-सूची
INDEX

क्र.सं. Sl. No.	मद Items	पृष्ठ सं. Page no.
1.	मई 2020 में डीयूएस/जीओटी द्वारा डीयूएस केन्द्रों को भेजे गये बीजों की स्थिति। Seeds sent status for DUS/GOT to DUS Centres in May-2020	5
2.	सार्वजनिक सूचना (2020 का 2): खरीफ 2020 में मक्का की किस्मों के डीयूएस परीक्षण के लिए बीज उपलब्ध कराने के लिए समय-सीमा का विस्तार। Public Notice (2 of 2020): Extension of time for submission of seeds in respect of maize varieties for DUS testing during kharif 2020.	6
3.	सार्वजनिक सूचना (2020 का 3): आवेदन की प्राप्ति, हस्तगत/डाक द्वारा Public Notice (3 of 2020): Receipt of Applications By Hand/By Post	7
4.	सार्वजनिक सूचना (2020 का 4): डीयूएस परीक्षण दिशानिर्देश के अनुसार रूटस्टॉक उपलब्ध कराना। Public Notice (4 of 2020): Submission of rootstock as per DUS test guidelines	8
5.	सार्वजनिक सूचना (2020 का 5): पीपीवी और एफआर अधिनियम, 2001 की धारा 15 के अंतर्गत नई किस्मों की नवीनता की गणना में लॉकडाउन की अवधि सम्मिलित नहीं है। Public Notice (5 of 2020): Lockdown period not to be included while computing novelty for new varieties under Section 15(3)(a) of PPV&FR Act, 2001.	9
6.	सार्वजनिक सूचना (2020 का 6): खरीफ 2020 की किस्मों के डीयूएस परीक्षण के लिए बीज उपलब्ध कराने के लिए समय-सीमा का विस्तार। Public Notice (6 of 2020): Extension of time for submission of seeds in respect of varieties for DUS testing during kharif 2020.	10
7.	सार्वजनिक सूचना: कृषक किस्मों के पंजीकरण के लिए पौधा किस्म और कृषक अधिकार संरक्षण अधिनियम, 2001 की धारा 21 की उप धारा (2) और (3) के अंतर्गत दिया गया विज्ञापन। पीपीवी और एफआर नियमावली 2003 के नियम 30 और 31 के साथ पढ़ी जाने वाली धारा 2(i)(ii). Public Notice: 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.	11

8. संबंधित व्यक्तियों से आपत्ति(या) आमंत्रित करने के लिए (यदि कोई हो), 30 किस्मों के प्रकाशित पासपोर्ट आंकड़े
Passport data of 30 varieties published for calling objection(s) if any from persons in the matter.

क्र.सं. S. No.	पावती सं. Acknowledgement No.	नाम Denomination	फसल Crop	श्रेणी Category	पृष्ठ सं. Page no.
1.	आरईजी/2012/13 REG/2012/13	पीएच 17 एच PH17H	मक्का Maize	विद्यमान (वीसीके) Extant (VCK)	12
2.	आरईजी/2016/1747 REG/2016/1747	एनआरसीपी एच-6 NRCP H-6	अनार Pomegranate	नई New	13
3.	आरईजी/2016/1750 REG/2016/1750	एनआरसीपी एच-12 NRCP H-12	अनार Pomegranate	नई New	15
4.	आरईजी/2013/548 REG/2013/548	साहा चम्पा SAHA CHAMPA	चावल Rice	कृषक (विशिष्ट) Farmer (Typical)	16
5.	आरईजी/2013/549 REG/2013/549	खागोरा साली KHAGORA SALI	चावल Rice	कृषक (विशिष्ट) Farmer (Typical)	18
6.	आरईजी/2013/552 REG/2013/552	सकोवा SAKOWA	चावल Rice	कृषक (विशिष्ट) Farmer (Typical)	19
7.	आरईजी/2013/560 REG/2013/560	नैना NAINA	चावल Rice	कृषक (विशिष्ट) Farmer (Typical)	21

8.	आरईजी/2011/360 REG/2011/360	उमुरिया चूड़ी UMURIA CHUDI	चावल Rice	कृषक (विशिष्ट) Farmer (Typical)	22
9.	आरईजी/2011/843 REG/2011/843	सुनाखादी के SUNAKHADI K	चावल Rice	कृषक (विशिष्ट) Farmer (Typical)	24
10.	आरईजी/2011/984 REG/2011/984	नुआपादा-एसन चूड़ी Nuapada-ASAN CHUDI	चावल Rice	कृषक (विशिष्ट) Farmer (Typical)	25
11.	आरईजी/2011/1170 REG/2011/1170	बालांगिर-कालाजीरा Balangir-KALAJIRA	चावल Rice	कृषक (विशिष्ट) Farmer (Typical)	27
12.	आरईजी/2011/1213 REG/2011/1213	गंजम-पुरुषोत्तमपुर-रतनचूड़ी Ganjam-Purusotompur- RATANCHUDI	चावल Rice	कृषक (विशिष्ट) Farmer (Typical)	28
13.	आरईजी/2012/241 REG/2012/241	एनपी-947 आर NP-947 R	चावल Rice	नई (विशिष्ट) New (Typical)	30
14.	आरईजी/2014/1899 REG/2014/1899	केसीएस-374 बीजी II KCS-374 BGII	चतुर्गुणित कपास Tetraploid Cotton	नई (विशिष्ट) New ((Typical)	32
15.	आरईजी/2014/1733 REG/2014/1733	केसीएल-21 KCL-21	चतुर्गुणित कपास Tetraploid Cotton	नई (विशिष्ट) New ((Typical)	34
16.	आरईजी/2014/2446 REG/2014/2446	बीएलपीएमआर 1295 BLPMR 1295	बाजरा Pearl millet	विद्यमान (वीसीके) Extant (VCK)	36
17.	आरईजी/2015/271 REG/2015/271	एमपी 12 पी 16 ए MP12P16A	बाजरा Pearl millet	विद्यमान (वीसीके) Extant (VCK)	38
18.	आरईजी/2010/456 REG/2010/456	एफएन-9016 FN-9016	टमाटर Tomato	विद्यमान (वीसीके) Extant (VCK)	39
19.	आरईजी/2010/469 REG/2010/469	एनसीएफडी-7116 NCFD-7116	फूलगोभी Cauliflower	विद्यमान (वीसीके) Extant (VCK)	41
20.	आरईजी/2013/385 REG/2013/385	एसवाईएन-टू टीजेड 996 SYN-TO-TZ 996	टमाटर Tomato	विद्यमान (वीसीके) Extant (VCK)	43
21.	आरईजी/2013/920 REG/2013/920	ओके-607 OK-607	भिण्डी Okra	विद्यमान (वीसीके) Extant (VCK)	45
22.	आरईजी/2014/954 REG/2014/954	एनबीआई-3045 NBI-3045	करेला Bitter gourd	विद्यमान (वीसीके) Extant (VCK)	47
23.	आरईजी/2014/956 REG/2014/956	एनबीआई-217 NBI-217	करेला Bitter gourd	विद्यमान (वीसीके) Extant (VCK)	48
24.	आरईजी/2014/960 REG/2014/960	एनबीआई-215 NBI-215	करेला Bitter gourd	विद्यमान (वीसीके) Extant (VCK)	50
25.	आरईजी/2014/967 REG/2014/967	बीजी-1013 BG-1013	करेला Bottle gourd	विद्यमान (वीसीके) Extant (VCK)	52
26.	आरईजी/2014/976 REG/2014/976	एनबीआई-3014 NBI-3014	करेला Bitter gourd	विद्यमान (वीसीके) Extant (VCK)	54
27.	आरईजी/2015/1422 REG/2015/1422	डीबीडब्ल्यू 110 DBW 110	गेहूं Wheat	विद्यमान (अधिसूचित) Extant (Notified)	55
28.	आरईजी/2017/1446 REG/2017/1446	नगरल धुंडू ज्वार NAGARAL DHUNDU JOWAR	ज्वार Sorghum	कृषक Farmer	57
29.	आरईजी/2015/95 REG/2015/95	सफेद राजमाह SAFED RAZMAH	राजमा Kidney bean	कृषक Farmer	59
30.	आरईजी/2017/963 REG/2017/963	डुडनिया हरि Dudaniya Hari	ज्वार Sorghum	कृषक Farmer	61

Seeds sent for DUS/GOT to DUS Centres in May-2020					
Crop	Category		Total	DUS Centre-1	DUS Centre-2
	New	Extant (VCK)			
T. Cotton	2	1	3	CCSHAU Hisar	PAU Ludhiana
Total	2	1	3		

Dated: 22.04.2020

**PUBLIC NOTICE
(02 of 2020)**

Sub:- Extension of time for submission of seeds in respect of maize varieties for DUS testing during kharif 2020.

Due to ongoing lockdown to contain the spread of COVID-19, the time limit for submission of seeds in respect of maize varieties for DUS testing during kharif 2020 has been extended from 15th April, 2020 to 15th May, 2020.

**Sd/-
(Ravi Prakash)
Registrar**

PUBLIC NOTICE
(3 of 2020)

Sub:-Receipt of Applications By Hand/ By Post-Reg.

If the application for registration of variety is submitted by post the applicant must write on the packets clearly that "Application along with (to be mentioned) grams of seed for registration". Further, the application at the Reception of the Authority will not accepted by hand in person beyond 02:30 PM on working days.

Sd/-
(Ravi Prakash)
Registrar

PUBLIC NOTICE
(4 of 2020)

Sub:-Submission of rootstock as per DUS test guidelines.

In case of rootstocks of horticultural species, the applicants can submit the application for registration, but the denomination will have only the name of the variety without mentioning the term 'rootstock'. The genotype of the rootstock must belong to the same species as the one notified. The applicant has to submit the required number of rooted plants as stipulated for DUS testing as per DUS guidelines.

Sd/-
(Ravi Prakash)
Registrar

PUBLIC NOTICE
(5 of 2020)

Sub:-Lockdown period not to be included while computing novelty for new varieties under Section 15(3)(a) of PPV&FR Act, 2001-Reg.

Due to nationwide lockdown to contain COVID-19, the period from 25th March, 2020 to 31st May, 2020 and the opening up of transport services from June 1, 2020 the period of up to 15/06/20 from 25/3/20 (both days inclusive) will be excluded while computing the period of one year for novelty purposes under Section 15(3)(a) of PPV&FR Act, 2001. Applications for new varieties with such claim shall be accepted at the Authority till 11/8/2020 for the adjusted validity period of 12 months in India or 4 years in case of field crops and 6 years in case of trees and vines outside India of Novelty claims falling due during the period 25/3/20 to 15/6/20. However, the same relaxation shall not be extended for the applications submitted from 16.6.2020 from which date, the application with the seed with the seed shall be treated as per the regular practice following the standard accepted novelty period as before. No claim for the relaxation period shall be accepted for the applications reaching the Authority Headquarters or branches after 11/8/2020 for the said validity period of novelty date falling due after 25/3/2020 and before 16/6/2020.

Sd/-
(Ravi Prakash)
Registrar

Dated: 18.06.2020

PUBLIC NOTICE
(6 of 2020)

Sub:- Extension of time for submission of seeds in respect of varieties for DUS testing during kharif 2020.

Due to effect of lockdown to contain the spread of COVID-19, the time limit for submission of seeds in respect of DUS testing of different crops scheduled during kharif 2020 has been extended till 30th June, 2020, as a special case.

Sd/-
(T.K.Nagarathna)
Registrar

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.

*Farmer(s) are exempted from payment of any fee in proceeding under Section 44 of PPV&FR Act, 2001.

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

1. Application No.

E23	ZM1	12	13
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 filed on 08.02.2012 by **Dr. Valasubramanian Ramaiah, Regulatory and Stewardship Lead (Seed & Traits), V-Ascendas, Atria Block, 12th Floor, Plot No. 17, Software Unit Layout, Madhapur, Hyderabad-500081** on behalf of **Pioneer Overseas Corporation, V-Ascendas, Atria Block, 12th Floor, Plot No. 17, Software Unit Layout, Madhapur, Hyderabad-500081, Telangana** for **Extant VCK** variety of crop **Maize (*Zea mays* L.)** having denomination **PH17H** 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 : PH17H
Applicant : Pioneer Overseas Corporation
Address of the applicant : V-Ascendas, Atria Block, 12th Floor, Plot No. 17, Software Unit Layout, Madhapur, Hyderabad-500081
Nationality of applicant : USA
Application details
a. Number :

E23	ZM1	12	13
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b. Date of receipt : 8.2.2012
c. Date of acceptance : --
Crop (taxonomical lineage) : Maize (*Zea mays* L.)
Denomination : PH17H
Type of variety : Extant variety
Classification of variety : Typical
Previously proposed denomination : Not applicable
Name of parental material : TTBC05
Source of parental material : Own germplasm
Name of reference varieties : HKI 163, HKI 323

Variety description:

A. Grouping characteristics	Remarks (measured values)
Tassel: Time of anthesis (Characteristic 4)	Late

Ear: Time of silk emergence (50% plants) (Characteristic 11)	Late	
Ear: Anthocyanin colouration of silks (Characteristic 12)	Absent	
Plant: Length (Characteristic 15.1)	Short	
Ear: Type of grain (Characteristic 22)	Short	
B. Distinct characteristics of candidate variety:		
PH17H has distinguishing character as tassel attitude of lateral branches (in lower third of tassel) straight, flint grain in middle third of ear, yellow with cap ear colour of top of grain.		
C. Distinct characteristics of reference varieties:		
HKI 163 has distinguishing character as tassel attitude of lateral branches (in lower third of tassel) straight, semi flint grain in middle third of ear, orange ear colour of top of grain.		
HKI 323 has distinguishing character as tassel attitude of lateral branches (in lower third of tassel) curved, flint grain in middle third of ear, orange ear colour of top of grain.		
D. Date of commercialization of the variety	16.04.2014 (Hybrid, 30R77)	
E. Agronomic and Commercial Attributes		
S. no.	Attributes	Details
1	Days to maturity (Early/Late)	Late
2	Production condition: Suitability area in the country	Karnataka, Tamil Nadu
	: Time of sowing	June-July (Karnataka) & August-September (Tamil Nadu)
	: Irrigated/Rainfed	5-6 irrigations at weekly 10 days interval
	: Fertilizer requirement	120:60:40 (NPK) Kg/ha
3	Resistance/ Tolerance to pest/ disease	Fusarium rot-Moderate tolerant: Late wilt-tolerant: NLBFLT-Moderate resistant; SLBFLT-Moderate resistant
4	Seed yield q/ac (Average)	2.5 q/ac
5	Thousand grain weight (g)	Medium (200-300 g)
6	Any other measures to achieve the potential yield	Maintain spacing (60x15 cm), timely follow standard package of practices for maize cultivation in India.

2. Application No.

N1	PR5	16	1747
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 filed on 20.10.2016 by **Dr. R.K. Pal**, Director, ICAR-National Research Centre on Pomegranate, NH-65, Solapur-Pune Highway, Kegaon (PO), Solapur-413255 on behalf of Indian Council of Agricultural Research, Krishi Bhawan, New Delhi-110001 for New variety of crop Pomegranate (*Punica granatum* L.) having denomination NRCP H-6 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 : NRCP H-6
Applicant : Indian Council of Agricultural Research.
Address of the applicant : Krishi Bhawan, New Delhi-110001,
Nationality of applicant : Indian
Application details
a. Number :

N1	PR5	16	1747
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b. Date of receipt : 20.10.2016
c. Date of acceptance : --
Crop (taxonomical lineage) : Pomegranate (*Punica granatum* L.)
Denomination : NRCP H-6
Type of variety : New
Classification of variety : Hybrid
Previously proposed
Denomination : Not applicable
Name of parental material : Bhagwa X [(Ganesh x Nana) x Daru]
Source of parental material : FGB of ICAR- NRCP, Solapur & ICAR –IIHR, Bangalore
Name of reference varieties : Bhagwa and Ganesh

Variety description:

A. Grouping characteristics		Remarks (measured values)
Flower: colour of calyx (characteristic 14)		Red
Fruit shape: ratio of longitudinal and lateral axes (characteristic 21)		Ovate
Ripe fruit: colour (characteristic 22)		Red
Seed: hardness (characteristic 30)		Hard
Aril: colour (characteristic 27)		Red
Fruit maturity: days after anthesis (characteristic 33)		Medium
B. Distinct characteristics of candidate variety: NRCP H-6 has distinguishing character as petiole anthocyanin colouration (% part covered) medium		
C. Distinct characteristics of reference varieties: Bhagwa and Ganesh have distinguishing character as petiole anthocyanin colouration (% part covered) low		
D. Date of commercialization of the variety		Not commercialized
E. Agronomic and Commercial Attributes		
S. No.	Attributes	Details
1	Fruit maturity (days)	150 days after anthesis, Medium
2	Fruit colour	Red

3	Fruit weight (g)	285.12
4	Yield (kg/pl)	27.82 kg/pl
5	Number of fruits/pl	125
6	100 Aril weight (g)	40.50 g
7	Fertilizer requirement	FYM: 10kg/pl; 250:125:125 NPK g/pl
8	Plant protection measures	Integrated disease and insect pest management methods were followed by monitoring the pests (thrips, aphids, etc) and diseases (bacterial blight, wilt, etc)

3. Application No.

N4	PR8	16	1750
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 filed on 20.10.2016 by **Dr. R.K. Pal, Director, ICAR-National Research Centre on Pomegranate, NH-65, Solapur-Pune Highway, Kegaon (PO), Solapur-413255** on behalf of **Indian Council of Agricultural Research, Krishi Bhawan, New Delhi-110001** for New variety of crop **Pomegranate** (*Punica granatum* L.) having denomination **NRCP H-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 : NRCP H-12
Applicant : Indian Council of Agricultural Research.
Address of the applicant : Krishi Bhawan, New Delhi-110001
Nationality of applicant : Indian
Application details
a. Number :

N4	PR8	16	1750
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b. Date of receipt : 20.10.2016
c. Date of acceptance : --
Crop (taxonomical lineage) : Pomegranate (*Punica granatum* L.)
Denomination : NRCP H-12
Type of variety : New
Classification of variety : Hybrid
Previously proposed Denomination : Not applicable
Name of parental material : Bhagwa X [(Ganesh x Nana) x Daru]
Source of parental material : FGB of ICAR- NRCP, Solapur & ICAR –IIHR, Bangalore
Name of reference varieties : Bhagwa and Amlidana

Variety description:

A. Grouping characteristics		Remarks (measured values)
Flower: colour of calyx (characteristic 14)		Red
Fruit shape: ratio of longitudinal and lateral axes (characteristic 21)		Ovate
Ripe fruit: colour (characteristic 22)		Red
Seed: hardness (characteristic 30)		Medium
Aril: colour (characteristic 27)		Red
Fruit maturity: days after anthesis (characteristic 33)		Medium
B. Distinct characteristics of candidate variety: NRCP H-12 has distinguishing characters as nipple or fin present, seed hardness (psi) medium		
C. Distinct characteristics of reference varieties: Bhagwa has distinguishing characters as nipple or fin absent, seed hardness (psi) Soft Amlidana has distinguishing characters as nipple or fin absent, seed hardness (psi) Hard		
D. Date of commercialization of the variety		Not commercialized
E. Agronomic and Commercial Attributes		
S. No.	Attributes	Details
1.	Fruit maturity (days)	140 days after anthesis, medium
2.	Fruit colour	Red
3.	Fruit weight (g)	294.25
4.	Fruit length (cm)	Medium (7.6 cm)
5.	Yield (kg/pl)	30.90 kg/pl
6.	Number of fruits/pl	105
7.	Fertilizer requirement	FYM: 10kg/pl; 250:125:125(NPK) g/pl
8.	Plant protection measures	Integrated disease and insect pest management methods were followed by monitoring the pests (thrips, aphids, etc) and diseases (bacterial blight, wilt etc)

4. Application No.

0	OS107	3	48
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 filed on 14.10.2013 by on **Dr. P.K. Sharma** Chief Scientist, AICRP for Dry land Agriculture B.N. College of Agriculture, Chariali, Sonitpur Assam- 684176 on behalf of **Shri Rohini Neog, Village Chamua P.O Borbali Distt. Lakhimpur, Assam** for **Farmer** variety of crop **Rice (*Oryza sativa* L.)** having denomination **SAHA CHAMPA** 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 : SAHA CHAMPA
Applicant : Shri Rohini Neog
Address of the applicant : Village Chamua P.O Borbali Distt. Lakhimpur, Assam.
Nationality of applicant : Indian
Application detail
a. Number :

F70	OS107	13	548
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b. Date of receipt : 14.10.2013
c. Date of acceptance : -
Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)
Denomination : SAHA CHAMPA
Type of variety : Farmer
Classification of variety : Typical
Previously proposed denomination : Not applicable
Name of reference varieties : RANJIT

Variety Description:

A. Grouping characteristics		Remark (measured values)
Basal leaf: Sheath colour (Characteristics 2)		Green
Time of heading (50% of plants with panicles)(Characteristics 20)		Medium
Stem: Length excluding panicles (Characteristics 29)		Medium
Decorticated grain: Length (Characteristics 54)		Long
Decorticated grain: Shape (in lateral view) (Characteristics 56)		Long bold
Decorticated grain: Colour (Characteristics 57)		White
Endosperm: Content of amylose (Characteristics 59)		Low
Decorticated grain: Aroma (Characteristics 62)		Absent
B. Distinct characteristics of candidate variety: SAHA CHAMPA has distinguishing character as medium leaf pubescence of blade surface , short grain length shape (in lateral view)		
C. Distinct characteristics of reference variety: RANJIT has distinguishing character as weak leaf pubescence of blade surface , long grain length shape (in lateral view)		
D. Agronomic and commercial attributes		
S. No.	Agronomic attributes	Details
1	Day of flowering/Anthesis (Average)	135-140 days
2	Day to maturity (Early/Medium/Late)	165-170 days
3	Production condition: suitable area in country	Medium land
4	Time of sowing	June
	Irrigated/Rain-fed	Rain-fed
	Low fertility/High fertility of soils	Medium
5	Tolerance to disease and Pest	Tolerant
6	Tolerance to adverse temperature / Frost/ Heat/Salinity	NA

7	Grain characters physical	
	Kernel size	L: 0.9cm B: 0.4cm
	Seed luster (Present/Absent)	Present
	Seed colour	Straw (Light brown)
8	grain yield per q/ac	7- 8 q/ac
9	Seed weight (100 grain weight in g)	2 g
10	Any other relevant information specific to the variety/Hybrid to attain potential yield.	used for daily cooking purpose, good to eat, non-glutinous

5. Application No.

F171F	OS108	131	5495
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 filed on 14.10.2013 by **Dr. P.K. Sharma** Chief Scientist, AICRP for Dry land Agriculture B.N. College of Agriculture, Chariali, Sonitpur Assam- 684176 on behalf of **Shri Kamal Saikia Village Chamua P.O Borbali Distt. Lakhimpur, Assam** for **Farmer** variety of crop **Rice (*Oryza sativa* L.)** having denomination **KHAGORA SALI** 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 : KHAGORA SALI
Applicant : Shri Kamal Saikia
Address of the applicant : Village Chamua P.O Borbali Distt. Lakhimpur, Assam
Nationality of applicant : Indian
Application detail
a. Number :

F171	OS108	13	549
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b. Date of receipt : 14.10.2013
c. Date of acceptance : -
Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)
Denomination : KHAGORA SALI
Type of variety : Farmer
Classification of variety : Typical
Previously proposed denomination : Not applicable
Name of reference varieties : BAHADUR

Variety Description:

A. Grouping characteristics	Remark (measured values)
Basal leaf: Sheath colour (Characteristics 2)	Green

Time of heading (50% of plants with panicles)(Characteristics 20)	Medium	
Stem: Length excluding panicles (Characteristics 29)	Very short	
Decorticated grain: Length (Characteristics 54)	Long	
Decorticated grain: Shape (in lateral view) (Characteristics 56)	Long bold	
Decorticated grain: Colour (Characteristics 57)	White	
Endosperm: Content of amylose (Characteristics 59)	Low	
Decorticated grain: Aroma (Characteristics 62)	Absent	
B. Distinct characteristics of candidate variety: KHAGORA SALI has distinguishing character as medium leaf pubescence of blade surface , lemma anthocyanin colouration of area below apex absent		
C. Distinct characteristics of reference variety: BAHADUR has distinguishing character as weak leaf pubescence of blade surface, lemma anthocyanin colouration of area below apex strong		
D. Agronomic and commercial attributes		
S. No.	Agronomic attributes	Details
1	Day of flowering/Anthesis (Average)	150 days
2	Day to maturity (Early/Medium/Late)	180-185 days
3	Production condition: suitable area in country	Low land
4	Time of sowing	June
	Irrigated/Rain-fed	Rain-fed
	Low fertility/High fertility of soils	Medium
5	Tolerance to disease and Pest	Tolerant
6	Tolerance to adverse temperature / Frost/ Heat/Salinity	NA
7	Grain characters physical	
	Kernel size	L: 0.8cm B: 0.5cm
	Seed luster (Present/Absent)	Absent
	Seed colour	Light brown
8	grain yield per q/ac	12.5-14.5 q/ac
9	Seed weight (100 grain weight in g)	2.5 g
10	Any other relevant information specific to the variety/Hybrid to attain potential yield.	Contains awn, fat content in high good to eat.

6. Application No.

F74	OS111	13	552
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 filed on 14.10.2013 by **Dr. P.K. Sharma** Chief Scientist, AICRP for Dry land Agriculture B.N. College of Agriculture, Chariali, Sonitpur Assam- 684176 on behalf of **Shri Jayanta Neog Village Chamua P.O Borbali, Dist. Lakhimpur, Assam** for **Farmer** variety of crop **Rice (*Oryza sativa* L.)** having denomination **SAKOWA** 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 : SAKOWA
Applicant : Shri Jayanta Neog
Address of the applicant : Village Chamua P.O Borbali, Dist. Lakhimpur, Assam
Nationality of applicant : Indian
Application detail

F74	OS111	13	552
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a. Number :
b. Date of receipt : 14.10.2013
c. Date of acceptance : -
Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)
Denomination : SAKOWA
Type of variety : Farmer
Classification of variety : Typical
Previously proposed denomination : Not applicable
Name of reference varieties : RANJIT

Variety Description:

A. Grouping characteristics	Remark (measured values)	
Basal leaf: Sheath colour (Characteristics 2)	Green	
Time of heading (50% of plants with panicles) (Characteristics 20)	Medium	
Stem: Length excluding panicles (Characteristics 29)	Very short	
Decorticated grain: Length (Characteristics 54)	Long	
Decorticated grain: Shape (in lateral view) (Characteristics 56)	Medium Slender	
Decorticated grain: Colour (Characteristics 57)	White	
Endosperm: Content of amylose (Characteristics 59)	Low	
Decorticated grain: Aroma (Characteristics 62)	Absent	
B. Distinct characteristics of candidate variety: SAKOWA has distinguishing character as leaf sheath anthocyanin colouration present, spikelet purple colour of tip of lemma		
C. Distinct characteristics of reference variety: BAHADUR has distinguishing character as leaf sheath anthocyanin colouration absent, spikelet yellowish tip of lemma		
D. Agronomic and commercial attributes		
S. No.	Agronomic attributes	Details
1	Day of flowering/Anthesis (Average)	130-135 days
2	Day to maturity (Early/Medium/Late)	165-170 days
3	Production condition: suitable area in country	Medium/low land
4	Time of sowing	June

	Irrigated/Rain-fed	Rain-fed
	Low fertility/High fertility of soils	Medium
5	Tolerance to disease and Pest	Tolerant
6	Tolerance to adverse temperature/Frost/Heat/Salinity	NA
7	Grain characters physical	
	Kernel size	L: 0.9-1cm B: 0.4-.05cm
	Seed luster (Present/Absent)	Absent
	Seed colour	Light brown
8	grain yield per q/ac	12.5-14.5 q/ac
9	Seed weight (100 grain weight in g)	2.5 g
10	Any other relevant information specific to the variety/Hybrid to attain potential yield.	Semi glutinous, soft

7. Application No.

F82	OS119	13	560
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 filed on 14.10.2013 by **Dr. P.K. Sharma** Chief Scientist, AICRP for Dry land Agriculture B.N. College of Agriculture, Chariali, Sonitpur Assam- 684176 on behalf of **Shri Balindra Neog Village Chamua P.O Borbali Distt. Lakhimpur, Assam** for **Farmer** variety of crop **Rice (*Oryza sativa* L.)** having denomination **NAINA** 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 : NAINA
Applicant : Shri BalindraNeog
Address of the applicant : Village Chamua P.O Borbali, Distt. Lakhimpur,Assam
Nationality of applicant : Indian
Application detail
a. Number :

F82	OS119	13	560
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b. Date of receipt : 14.10.2013
c. Date of acceptance : -
Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)
Denomination : NAINA
Type of variety : Farmer
Classification of variety : Typical
Previously proposed denomination : Not applicable
Name of reference varieties : RANJIT

Variety Description:

A. Grouping characteristics		Remark (measured values)
Basal leaf: Sheath colour (Characteristics 2)		Green
Time of heading (50% of plants with panicles)(Characteristics 20)		Late
Stem: Length excluding panicles (Characteristics 29)		Medium
Decorticated grain: Length (Characteristics 54)		Long
Decorticated grain: Shape (in lateral view) (Characteristics 56)		Long bold
Decorticated grain: Colour (Characteristics 57)		White
Endosperm: Content of amylose (Characteristics 59)		Low
Decorticated grain: Aroma (Characteristics 62)		Absent
B. Distinct characteristics of candidate variety: NAINA has distinguishing character as panicle curvature of main axis drooping, narrow grain width		
C. Distinct characteristics of reference variety: BAHADUR has distinguishing character as panicle curvature of main axis semi-straight, medium grain width.		
D. Agronomic and commercial attributes		
S. No.	Agronomic attributes	Details
1	Day of flowering/Anthesis (Average)	125-130 days
2	Day to maturity (Early/Medium/Late)	160-170 days
3	Production condition: suitable area in country	Medium land
4	Time of sowing	June
	Irrigated/Rain-fed	Rain-fed
	Low fertility/High fertility of soils	Medium
5	Tolerance to disease and Pest	Tolerant
6	Tolerance to adverse temperature/Frost/Heat/Salinity	NA
7	Grain characters physical	
	Kernel size	L: 0.9 cm B: 0.4 cm
	Seed luster (Present/Absent)	Absent
	Seed colour	Light brown
8	grain yield per q/ac	8.5-10.5 q/ac
9	Seed weight (100 grain weight in g)	2 g
10	Any other relevant information specific to the variety/Hybrid to attain potential yield.	Semi glutinous, nice to eat

8. Application No.

F112	OS119	11	360
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 filed on 11.07.2011 by **Director of Agriculture & Food Production, Bhubaneswar-751001** on behalf of **Sona Pujhari, at-Putura Block-Jeypore, Dist-Koraput State-Odisha** for **Farmer** variety of crop **Rice (*Oryza sativa* L.)** having denomination **UMURIACHUDI** 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 : UMURIA CHUDI
Applicant : Sona Pujhari
Address of the applicant : at-Putura Block: JeyporeDist: Koraput State: Odisha
Nationality of applicant : Indian
Application detail
a. Number :

F112	OS119	11	360
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b. Date of receipt : 11.07.2011
c. Date of acceptance : -
Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)
Denomination : UMURIA CHUDI
Type of variety : Farmer
Classification of variety : Typical
Previously proposed denomination : Not applicable
Name of reference varieties : Harishankar 1

Variety Description:

A. Grouping characteristics	Remark (measured values)	
Basal leaf: Sheath colour (Characteristics 2)	Green	
Time of heading (50% of plants with panicles)(Characteristics 20)	Medium	
Stem: Length excluding panicles (Characteristics 29)	Short	
Decorticated grain: Length (Characteristics 54)	Long	
Decorticated grain: Shape (in lateral view) (Characteristics 56)	Short bold	
Decorticated grain: Colour (Characteristics 57)	Red	
Endosperm: Content of amylose (Characteristics 59)	Low	
Decorticated grain: Aroma (Characteristics 62)	Absent	
B. Distinct characteristics of candidate variety: UMURIA CHUDI has distinguishing character as stem anthocyanin colouration of internodes present, panicle awns present		
C. Distinct characteristics of reference variety: Harishankar 1 has distinguishing character as stem anthocyanin colouration of internodes absent, panicle awns absent		
D. Agronomic and commercial attributes		
S. No.	Agronomic attributes	Details
1	Day of flowering/Anthesis (Average)	115 days

2	Day to maturity (Early/ Medium/ Late)	Medium
3	Production condition: suitable area in country	Upland/Irrigated, South Odisha
4	Time of sowing	May-June
	Irrigated/Rain-fed	Rain-fed/ Irrigated
	Low fertility/High fertility of soils	Low fertility
5	Tolerance to disease and Pest	Tolerant to major pests
6	Tolerance to adverse temperature/Frost/ Heat/Salinity	NA
7	Grain characters physical	
	Kernel size	SS
	Seed luster (Present/Absent)	Present
	Seed colour	White
8	grain yield per q/ac	12q/ac
9	Seed weight (100 grain weight in g)	2.11 g
10	Any other relevant information specific to the variety/Hybrid to attain potential yield.	NA

9. Application No.

F512	OS529	11	843
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 filed on 16.09.2011 by **Director of Agriculture & Food Production, Bhubaneswar-751001** on behalf of **Dambrudhar Chandi At-Deypur Block-Kalampur, Dist-Kalahandi State-Odisha** for **Farmer** variety of crop **Rice (*Oryza sativa* L.)** having denomination **SUNAKHADI K** 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 : SUNAKHADI K
Applicant : Dambrudhar Chandi
Address of the applicant : At: Deypur, Block: Kalampur, Dist: Kalahandi, State: Odisha.
Nationality of applicant : Indian
Application detail
a. Number :

F112	OS119	11	843
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b. Date of receipt : 16.09.2011
c. Date of acceptance : -
Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)
Denomination : SUNAKHADI K
Type of variety : Farmer
Classification of variety : Typical
Previously proposed denomination : Not applicable

Name of reference varieties : Ajaya

Variety Description:

A. Grouping characteristics		Remark (measured values)
Basal leaf: Sheath colour (Characteristics 2)		Purple lines
Time of heading (50% of plants with panicles)(Characteristics 20)		Medium
Stem: Length excluding panicles (Characteristics 29)		Very short
Decorticated grain: Length (Characteristics 54)		Medium
Decorticated grain: Shape (in lateral view) (Characteristics 56)		Medium slender
Decorticated grain: Colour (Characteristics 57)		Light red
Endosperm: Content of amylose (Characteristics 59)		Low
Decorticated grain: Aroma (Characteristics 62)		Absent
B. Distinct characteristics of candidate variety: SUNAKHADI K has distinguishing character as spikelet colour of stigma purple, stem anthocyanin colouration of nodes present, spikelet colour of tip lemma purple, panicle awns present		
C. Distinct characteristics of reference variety: Ajaya has distinguishing character as spikelet colour of stigma white, stem anthocyanin colouration of nodes absent, spikelet colour of tip lemma yellowish, panicle awns absent		
D. Agronomic and commercial attributes		
S. No.	Agronomic attributes	Details
1	Day of flowering/Anthesis (Average)	97 days
2	Day to maturity (Early/Medium/Late)	Medium
3	Production condition: suitable area in country	Upland of Kalahandi district of Odisha
4	Time of sowing	June- July, Dec-Jan
	Irrigated/Rain-fed	Rain-fed
	Low fertility/High fertility of soils	Fertilizer responsive
5	Tolerance to disease and Pest	Tolerant to major pests
6	Tolerance to adverse temperature/Frost/Heat/Salinity	NA
7	Grain characters physical	
	Kernel size	SS
	Seed luster (Present/Absent)	Present
	Seed colour	Red
8	grain yield per q/ac	10.5 q/ac
9	Seed weight (100 grain weight in g)	1.50 g
10	Any other relevant information specific to the variety/Hybrid to attain potential yield.	Fine grain variety

F648	OS667	11	984
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10. Application No. filed on 20.09.2011 by **Director of Agriculture & Food Production, Bhubaneswar-751001** on behalf of **Danardan Majhi At-Murgaon, Block: Boden, Dist: Nuapada, State- Odisha** for **Farmer** variety of crop **Rice (*Oryza sativa* L.)** having denomination **Nuapada-ASAN CHUDI** 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 : Nuapada-ASAN CHUDI
Applicant : Danardan Majhi
Address of the applicant : At-Murgaon Block- Boden Dist-Nuapada State- Odisha
Nationality of applicant : Indian
Application detail
a. Number :

F648	OS667	11	984
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b. Date of receipt : 20.09.2011
c. Date of acceptance : -
Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)
Denomination : Nuapada-ASAN CHUDI
Type of variety : Farmer
Classification of variety : Typical
Previously proposed denomination : Not applicable
Name of reference varieties : Ajaya

Variety Description:

A. Grouping characteristics	Remark (measured values)
Basal leaf: Sheath colour (Characteristics 2)	Green
Time of heading (50% of plants with panicles) (Characteristics 20)	Medium
Stem: Length excluding panicles (Characteristics 29)	Short
Decorticated grain: Length (Characteristics 54)	Long
Decorticated grain: Shape (in lateral view) (Characteristics 56)	Medium slender
Decorticated grain: Colour (Characteristics 57)	White
Endosperm: Content of amylose (Characteristics 59)	Very low
Decorticated grain: Aroma (Characteristics 62)	Absent

B. Distinct characteristics of candidate variety: Nuapada-ASAN CHUDI has distinguishing character as endosperm content of amylose is very low.		
C. Distinct characteristics of reference variety: Ajaya has distinguishing character as endosperm content of amylose is high.		
D. Agronomic and commercial attributes		
S. No.	Agronomic attributes	Details
1	Day of flowering/Anthesis (Average)	127 days
2	Day to maturity (Early/ Medium/ Late)	Late
3	Production condition: suitable area in country	Nuapada district of Odisha
4	Time of sowing	May-June
	Irrigated/Rain-fed	Rain-fed
	Low fertility/High fertility of soils	Low
5	Tolerance to disease and Pest	Tolerant
6	Tolerance to adverse temperature/Frost/Heat/Salinity	Water logging
7	Grain characters physical	
	Kernel size	Medium slender
	Seed luster (Present/Absent)	Present
	Seed colour	White
8	grain yield per q/ac	10 q/ac
9	Seed weight (100 grain weight in g)	2.44 g
10	Any other relevant information specific to the variety/Hybrid to attain potential yield.	NA

11. Application No.

F833	OS853	11	1170
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 filed on 26.09.2011 by **Director of Agriculture & Food Production, Bhubaneswar-751001** on behalf of **Trithraj Naik At-Selebhata Block-Agalpur, Dist-Balangir, State-Odisha** for **Farmer** variety of crop **Rice (*Oryza sativa* L.)** having denomination **Balangir-KALAJIRA** 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	: Balangir-KALAJIRA				
Applicant	: Trithraj Naik				
Address of the applicant	: At-Selebhata Block-Agalpur, Dist-Balangir, State-Odisha				
Nationality of applicant	: Indian				
Application detail					
a. Number	: <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>F833</td><td>OS853</td><td>11</td><td>1170</td></tr></table>	F833	OS853	11	1170
F833	OS853	11	1170		
b. Date of receipt	: 26.09.2011				
c. Date of acceptance	: -				

Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)
 Denomination : Balangir-KALAJIRA
 Type of variety : Farmer
 Classification of variety : Typical
 Previously proposed denomination : Not applicable
 Name of reference varieties : GOLAK

Variety Description:

A. Grouping characteristics		Remark (measured values)
Basal leaf: Sheath colour (Characteristics 2)		Green
Time of heading (50% of plants with panicles) (Characteristics 20)		Medium
Stem: Length excluding panicles (Characteristics 29)		Short
Decorticated grain: Length (Characteristics 54)		Short
Decorticated grain: Shape (in lateral view) (Characteristics 56)		Short bold
Decorticated grain: Colour (Characteristics 57)		Light brown
Endosperm: Content of amylose (Characteristics 59)		Medium
Decorticated grain: Aroma (Characteristics 62)		Present
B. Distinct characteristics of candidate variety: Balangir-KALAJIRA has distinguishing character as black lemma and palea , decorticated grain colour light brown		
C. Distinct characteristics of reference variety: GOLAK has distinguishing character as lemma and palea straw, decorticated grain colour light red		
D. Agronomic and commercial attributes		
S. No.	Agronomic attributes	Details
1	Day of flowering/Anthesis (Average)	130 days
2	Day to maturity (Early/Medium/Late)	Late
3	Production condition: suitable area in country	Balangir district of Odisha
4	Time of sowing	May-June
	Irrigated/Rain-fed	Rain-fed
	Low fertility/High fertility of soils	Low
5	Tolerance to disease and Pest	Tolerant to major pests
6	Tolerance to adverse temperature/Frost/Heat/Salinity	NA
7	Grain characters physical	
	Kernel size	Short slender
	Seed luster (Present/Absent)	Absent
	Seed colour	Whitish
8	grain yield per q/ac	8.5q/ac
9	Seed weight (100 grain weight in g)	1.39 g
10	Any other relevant information specific to the	scented variety

variety/Hybrid to attain potential yield.

12. Application No.

F876	OS896	11	1213
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 filed on 28.09.2011 by **Director of Agriculture & Food Production, Bhubaneswar-751001** on behalf of **L.C. Panda At-Sikula, Block- Purusotompur, Dist-Ganjam, State: Odisha** for **Farmer** variety of crop **Rice (*Oryza sativa* L.)** having denomination **Ganjam-Purusotompur-RATANCHUDI** 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 : Ganjam-Purusotompur-RATANCHUDI
Applicant : L.C. Panda
Address of the applicant : At-Sikula,Block-Purusotompur, Dist-Ganjam, State-Odisha
Nationality of applicant : Indian
Application detail
a. Number :

F876	OS896	11	1213
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b. Date of receipt : 28.09.2011
c. Date of acceptance :
Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)
Denomination : Ganjam-Purusotompur-RATANCHUDI
Type of variety : Farmer
Classification of variety : Typical
Previously proposed denomination : Not applicable
Name of reference varieties : Mandya Vijaya

Variety Description:

A. Grouping characteristics	Remark (measured values)
Basal leaf: Sheath colour (Characteristics 2)	Green
Time of heading (50% of plants with panicles)(Characteristics 20)	Medium
Stem: Length excluding panicles (Characteristics 29)	Very short
Decorticated grain: Length (Characteristics 54)	Medium
Decorticated grain: Shape (in lateral view) (Characteristics 56)	Medium slender
Decorticated grain: Colour (Characteristics 57)	Light brown

Endosperm: Content of amylose (Characteristics 59)	Medium	
Decorticated grain: Aroma (Characteristics 62)	Absent	
B. Distinct characteristics of candidate variety: Ganjam-Purusotompur-RATANCHUDI has distinguishing character as erect to semi-erect panicle attitude of branches, partly exerted panicle exertion.		
C. Distinct characteristics of reference variety: Mandya Vijaya has distinguishing character as semi-erect panicle attitude of branches, mostly exerted panicle exertion.		
D. Agronomic and commercial attributes		
S. No.	Agronomic attributes	Details
1	Day of flowering/Anthesis (Average)	126 days
2	Day to maturity (Early/Medium/Late)	Late
3	Production condition: suitable area in country	Medium land/Irrigated
4	Time of sowing	May-June
	Irrigated/Rain-fed	Rain-fed/Irrigated
	Low fertility/High fertility of soils	Fertilizer responsive
5	Tolerance to disease and Pest	Tolerant to major pests
6	Tolerance to adverse temperature/Frost/Heat/Salinity	NA
7	Grain characters physical	
	Kernel size	Medium slender
	Seed luster (Present/Absent)	Present
	Seed colour	White
8	grain yield per q/ac	16 q/ac
9	Seed weight (100 grain weight in g)	2.05 g
10	Any other relevant information specific to the variety/Hybrid to attain potential yield.	NA

13. Application No.

N11	OS43	12	241
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 filed on 29.06.2012 by **Dr. C. Rama Krishna, Vice President-R&D, Nuziveedu Seeds Pvt Ltd. Survey No. 69, Gundlapochampally (Vill. & Panchayat), Medchal-Mandal, Rangareddy- Dist-501401** on behalf of **Nuziveedu Seeds Pvt. Ltd. Survey No. 69, Gundlapochampally (Vill. & Panchayat), Medchal-Mandal, Rangareddy- Dist-501401** for New variety of crop **Rice (*Oryza sativa* L.)** having denomination **NP-947 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 - 110012.

Passport data of the variety : NP-947 R

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

N11	OS43	12	241
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 b. Date of receipt : 29.06.2012
 c. Date of acceptance : -
 Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)
 Denomination : NP-947 R
 Type of variety : New
 Classification of variety : Typical (Other parental line)
 Previously proposed denomination : Not applicable
 Name of parental material : PRN 950 x AJAYA (public domain)
 Source of parental material : Own germplasm
 Name of reference varieties : BPT 5204, MTU 1010

Variety Description:

A. Grouping characteristics		Remark (measured values)
Basal leaf: Sheath colour (Characteristics 2)		Green
Time of heading (50% of plants with panicles)(Characteristics 20)		Late
Stem: Length excluding panicles (Characteristics 29)		Very short
Decorticated grain: Length (Characteristics 54)		Medium
Decorticated grain: Shape (in lateral view) (Characteristics 56)		Short bold
Decorticated grain: Colour (Characteristics 57)		Light brown
Endosperm: Content of amylose (Characteristics 59)		Medium
Decorticated grain: Aroma (Characteristics 62)		Absent
B. Distinct characteristics of candidate variety: NP-947 R has distinguishing character as well exerted panicle exertion, short bold decorticated grain shape (in lateral view)		
C. Distinct characteristics of reference varieties: BPT 5204 and MTU 1010 have distinguishing character as mostly exerted panicle exertion, medium slender decorticated grain shape (in lateral view)		
D. Date of commercialization of the variety		2009
E. Agronomic and commercial attributes		
S. No.	Agronomic attributes	Details
1	Day of flowering/Anthesis (Average)	100 days
2	Day to maturity (Early/Medium/Late)	130 days
3	Production condition: suitable area in country	Irrigated Areas
4	Time of sowing	June (<i>kharif</i>)
	Irrigated/Rain-fed	Irrigated
	Low fertility/High fertility of soils	High fertility of soil

5	Tolerance to disease and Pest	Tolerant to brown spot
6	Tolerance to adverse temperature/Frost/Heat/Salinity	NA
7	Grain characters physical	
	Kernel size	bold
	Seed lustre (Present/Absent)	Present
	Seed colour	Straw
8	grain yield per q/ac	24 q/ac
9	Seed weight (100 grain weight in g)	2.3 g
10	Any other relevant information specific to the variety/Hybrid to attain potential yield.	High grain number, low sterility.

14. Application No.

N52	GH107	14	1899
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 filed on 09.09.2014 by **Dr. B.S. Dahiya, Chief Coordinator (R&D) Kaveri Seed Company Limited #513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad-500003** on behalf of **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 **KCS-374 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 : KCS-374 BGII
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 :

N52	GH107	14	1899
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b. Date of receipt : 09.09.2014
c. Date of acceptance : -
Crop (Taxonomical Lineage) : Tetraploid Cotton (*Gossypium hirsutum* L.)
denomination : KCS-374 BGII
Type of variety : New
Classification of variety : Typical
Previously proposed :
Denomination : Not applicable
Name of parental material : KCH-215 F1 x KCS-18
Source of parental material : Own germplasm
Name of Reference Varieties : Abadhita, G Cot 16

Variety Description:

A. Grouping Characteristics		Remark (measured values)
Leaf: Shape Characteristics(8)		Palmate (Normal)
Flower: Petal colour Characteristics(15)		Cream
Flower: Pollen colour Characteristics(19)		Cream
Boll: Shape Characteristics(23)		Ovate
Fibre: Length Characteristics(33)		Extra Long
B. Distinct characteristics of candidate variety: KCS-374 BGII has distinguishing characters as leaf hairiness dense, plant stem leaf hairiness dense, very bold seed index (100 seed weight in g)		
C. Distinct characteristics of reference variety: Abadhita and G Cot 16 have distinguishing characters as leaf hairiness medium, plant stem leaf hairiness medium, medium to bold seed index (100 seed weight in g)		
D. Date of commercialization of the variety		NA
E. Agronomic & Commercial attributes		
S. No.	Agronomic attributes	Details
1	Seed treatment rate (Timing/ Chemical)	Seed delinting with sulphuric acid and seed treatment with thiram @ 2-3 gram/kg seed is most effective in reducing the seedling mortality of cotton. Seed treatment with imidacloprid (gaucho 70 WS)@ 10g/kg seed provides protection to the crop against highly damaging sucking pest up to 30-40 days.
2	Growth habit (Determinate/Indeterminate)	Indeterminate
3	Days to flowering/Anthesis (Average)	50 days
4	Days to Maturity (Early /Medium/Late)	158 days
5	Recommendation production ecology (Rainfed/Irrigated/High/Low/Fertility season)	Rainfed and <i>Kharif</i>
6	Fertilizer does with timing	40:20:20 NPK kg/ac. Phosphorus fertilizer must be applied as basal dose. Nitrogen and potash should be applied in three equal splits at 30,60,90 days after sowing.
7	Reaction to major Diseases /Pests	Good tolerance to major diseases like bacterial blight and alternaria leaf spot. It has high tolerance to major sucking pest like aphids, and Jassids and White fly.
8	Quality of produce	Details

	Fibre length	27 mm
	Fibre: Fineness (Micronaire value)	4.2 mic.
	Fibre: Uniformity	Good
	Fibre: Colour	White
9	Yield of Lint/Acre (Average)	3.5-4.0 q/ac
10	Yield of Kapas/Acre (Average)	10-11 q/ac
11	Any other relevant information specific to the variety/Hybrid	Leaves are green, dense hairy with cup appearance. Semi-spreading plant habit with ovate bolls with medium long staple, medium fibers with bold seed. It has cream petal, cream pollen with excellent boll opening nature coupled with semi-spreading growth habit.

15. Application No.

N36	GH91	14	1733
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 filed on 20.08.2014 by **Dr. B.S. Dahiya, Chief Coordinator (R&D) Kaveri Seed Company Limited #513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad-500003** on behalf of **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-21** 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-21
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 :

N36	GH91	14	1733
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b. Date of receipt : 28.08.2014
c. Date of acceptance : -
Crop (Taxonomical Lineage) : Tetraploid Cotton(*Gossypium hirsutum L.*)
denomination : KCL-21
Type of variety : New
Classification of variety : Typical
Previously proposed

Denomination : Not applicable
 Name of parental material : KGPPGH 29 x RCH 377 F1
 Source of parental material : Own germplasm
 Name of Reference Varieties : Bikaneri Nerma

Variety Description:

A. Grouping Characteristics		Remark (measured values)
Leaf: Shape Characteristics(8)		Palmate (Normal)
Flower: Petal colour Characteristics(15)		Cream
Flower: Pollen colour Characteristics(19)		Cream
Boll: Shape Characteristics(23)		Ovate
Fibre: Length Characteristics(33)		Medium long
B. Distinct characteristics of candidate variety: KCL-21 has distinguishing characters as bold to very bold seed index (100 seed weight in gram) medium ginning %		
C. Distinct characteristics of reference variety: Bikaneri Nerma has distinguishing characters as medium seed index (100 seed weight in gram), low ginning %		
D. Date of commercialization of the variety		NA
E. Agronomic & Commercial attributes		
S. No.	Agronomic attributes	Details
1	Seed treatment rate (Timing/Chemical)	Seed delinting with sulphuric acid and seed treatment with thiram @ 2-3 gram/kg seed is most effective in reducing the seedling mortality of cotton. Seed treatment with imidacloprid (Gaucho 70 WS)@ 10g/kg seed provides protection to the crop against highly damaging sucking pest up to 30-40 days.
2	Growth habit (Determinate/Indeterminate)	Indeterminate
3	Days to flowering/Anthesis (Average)	57 days
4	Days to Maturity (Early/Medium/Late)	160 days
5	Recommendation production ecology (Rainfed/Irrigated/High/Low/Fertility season)	Rainfed/ Irrigated and <i>kharif</i>
6	Fertilizer does with timing	40:20:20 NPK kg/ac. Phosphorus fertilizer must be applied as basal dose. Nitrogen and potash should be applied in three equal splits at 30, 60, 90 days after sowing.
7	Reaction to major Diseases /Pests	Good tolerance to major diseases like bacterial blight and alternaria leaf spot. It has high tolerance to major sucking pest like aphids, and Jassids

		and White fly.
8	Quality of produce	details
	Fibre length	24.5 mm
	Fibre: Fineness (Micronaire value)	4.3 mic.
	Fibre: Uniformity	Excellent
	Fibre: Colour	White
9	Yield of Lint/Acre (Average)	3.6-4.0 q/ac
10	Yield of Kapas/Acre (Average)	10-11 q/ac
11	Any other relevant information specific to the variety/Hybrid	leaves are green, medium hairy with cup appearance. Spreading plant habit with ovate bolls with medium staple, strong strength with medium fibre. KCL-21 Non Bt has cream colour petal, cream colour pollen with good boll opening nature coupled with spreading growth habit

16. Application No.

E4	PG30	14	2446
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 filed on 08.12.2014 by **Mr. Vinod Kumar Yadav**, H.No 1-8-201 to 203, Flat No. 208,209, Ashoka My Home Chambers, SP Road, Secunderabad-500003 on behalf of **Bisco Biosciences Pvt. Ltd.**, H.No 1-8-201 to 203, Flat No. 208,209, Ashoka My Home Chambers, SP Road, Secunderabad-500003 for Extant (VCK) variety of crop **Pearl Millet** (*Pennisetum glaucum* (L.) R.Br.) having denomination **BLPMR 1295** 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 : BLPMPR 1295
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 : French
Application details
a. Number :

E4	PG30	14	2446
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b. Date of receipt : 08.12.2014
c. Date of acceptance : --
Crop (taxonomical lineage) : Pearl millet (*Pennisetum glaucum* (L.) R.Br.)

Denomination : BLPMPR 1295
 Type of variety : Extant (VCK)
 Classification of variety : Typical
 Previously proposed
 Denomination : Not applicable
 Name of parental material : ATPMR 1041 x ATPMR 1045
 Source of parental material : ATASH seeds
 Name of reference varieties : H 77/833-2-202

Variety description:

A. Grouping characteristics		Remarks (measured values)
Time of spike emergence (50% plants with at least one spike emerged fully) (Characteristic 3)		Very late
Spike: Anther colour (Characteristic 9)		Purple
Plant: Height (including spike) (cm) (Characteristic 22)		Short
Spike: Shape (Characteristic 23)		Candle
Seed: Colour (Characteristic 26)		Grey
Seed: Shape (Characteristic 27)		Globular
B. Distinct characteristics of candidate variety: BLPMPR 1295 has distinguishing characters as incomplete spike exertion and spike tip sterility present.		
C. Distinct characteristics of reference varieties: H 77/833-2-202 has distinguishing characters as Partial spike exertion and absent spike tip sterility.		
D. Date of commercialization of the variety		14.06.2013 (Hybrid, LG 12.81)
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: early/medium/late	Late
2.	Production condition: Suitability Area in the Country : Time of Sowing : Irrigated/rainfed : Low fertility/high fertility of Soil	Rajasthan, Gujarat, UP, Haryana, Delhi, MP and Karnataka Last week of June to 2 nd week of July Rainfed, but sufficient moisture is required at tillering, flowering and grain filling stage Low and high fertility soil
3.	Tolerance to disease & pests	Resistance to downy mildew, blast, rust, and smut. Tolerant to shoot fly and stem borer.
4.	Tolerance to adverse temperature/Frost/Heat & Salinity	Drought tolerant
5.	Grain characters physical: a) Kernel Size (cm) b) Seed Lustre (Present/Absent) c) Seed Colour	Grey

6.	Zone wise yield potential (Average) per acre (q/Acre)	15-18 q/ac
7.	Seed yield q/ha (Average)	-
8.	Seed weight (100 seed weight in g)	Bold (10.1 to 12.5)
9.	Any other relevant information specific to the variety/hybrid	It is suited for medium rainfall (rainfed condition). It shall be show on time and sufficient moisture during tillering, flowering and growing stage is required. Plant protection and intercultural operation measured shall to be adopted as applicable.

17. Application No.

E9	PG12	15	271
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 filed on 11.02.2015 by **Ms. Anuradha Verma, Metahelix Life Sciences Ltd., Plot No.3, KIADB 4th Phase, Bommasandra, Bangalore-560099** on behalf of **Metahelix Life Sciences Limited, Plot No.3, KIADB 4th Phase, Bommasandra, Bangalore-560099** for Extant (VCK) variety of crop **Pearl Millet (*Pennisetum glaucum* (L.) R.Br.)** having denomination **MP12P16A** 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 : MP12P16A
Applicant : Metahelix Life Sciences Limited
Address of the applicant : Plot No.3, KIADB 4th Phase, Bommasandra, Bangalore-560099
Nationality of applicant : Indian
Application details
a. Number :

E9	PG12	15	271
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b. Date of receipt : 11.02.2015
c. Date of acceptance : --
Crop (taxonomical lineage) : Pearl millet (*Pennisetum glaucum* (L.) R.Br.)
Denomination : MP12P16A
Type of variety : Extant (VCK)
Classification of variety : Other (inbred parental line)
Previously proposed :
Denomination : Not applicable
Name of parental material : 923B x 925B
Source of parental material : ICRISAT
Name of reference varieties : JKBH 26, ICMB 94555

Variety description:

A. Grouping characteristics		Remarks (measured values)
Time of spike emergence (50% plants with at least one spike emerged fully) (Characteristic 3)		Very late
Spike: Anther colour (Characteristic 9)		Brown
Plant: Height (including spike) (cm) (Characteristic 22)		Short
Spike: Shape (Characteristic 23)		Lanceolate
Seed: Colour (Characteristic 26)		Grey
Seed: Shape (Characteristic 27)		Obovate
B. Distinct characteristics of candidate variety: MP12P16A has distinguishing characters as small spike length.		
C. Distinct characteristics of reference varieties: JKBH 26 and ICMB 94555 have distinguishing characters as medium spike length.		
D. Date of commercialization of the variety		11.02.2014 (Hybrid, MP 7879)
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: early/medium/late	Very late
2.	Production condition: Suitability Area in the Country : Time of Sowing : Irrigated/rainfed : Low fertility/high fertility of Soil	Traditional pearl millet seed production geographies Nov-Jan & Jun-July based on planting window of traditional seed production geography Irrigated High fertility
3.	Tolerance to disease & pests	Tolerant to major disease of pearl millet
4.	Tolerance to adverse temperature/Frost/Heat & Salinity	Tolerant to some extent but as parental lines/inbreeds are not commercial cultivars so adverse climate conditions impact yield
5.	Grain characters physical: a) Kernel Size (cm) b) Seed Lustre (Present/Absent) c) Seed Colour	1000 grain weight is 8.6g NA Grey
6.	Zone wise yield potential (Average) per acre (q/Acre)	-
7.	Seed yield q/ha (Average)	300-600kg/ha
8.	Seed weight (100 seed weight in g)	0.86g
9.	Any other relevant information specific to the variety/hybrid	Plant height is 100cm and ear heads are small, conical, very compact and bear obovate, grey coloured grain.

E6	LL16	10	456
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18. Application No. filed on 27.12.2010 by **Dr. S.K. Tripathi**,
Nuziveedu Seeds Ltd., 403, 4th Floor, Nilgiri Apartment, Opp. Modern School, Barakhamba Road, New Delhi-110001 on behalf of **Nuziveedu Seeds Limited, Survey No. 69, Gundlapochampally (Vill. & Panchayat), Medchal-Mandal, Rangareddy- Dist-AP 501401** for **Extant (VCK)** variety of crop **Tomato** (*Lycopersicon lycopersicum* (L.) Karsten ex. Farw) having denomination **FN-9016** 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 : FN-9016
Applicant : Nuziveedu Seeds Limited
Address of the applicant : Survey No. 69, Gundlapochampally, (Vill. & Panchayat), Medchal-Mandal, Rangareddy- Dist-AP 501401
 Nationality of applicant : Indian
Application details
 a. Number :

E6	LL16	10	456
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 b. Date of receipt : 27.12.2010
 c. Date of acceptance : --
 Crop (taxonomical lineage) : Tomato (*Lycopersicon lycopersicum* (L.) Karsten ex. Farw)
 Denomination : FN-9016
 Type of variety : Extant (VCK)
 Classification of variety : Other (parental line)
 Previously proposed :
 Denomination : Not applicable
 Name of parental material : CLN-1021 x NTH-12
 Source of parental material : Parental material is in house germplasm
 Name of reference varieties : Pant T-3 & Sioux

Variety description:

A. Grouping characteristics	Remarks (measured values)
Plant: Growth type (Characteristic 3)	Indeterminate
Leaflet: Serration (Characteristic 12)	Highly serrated
Fruit: Green shoulder (before maturity) (Characteristic 29)	Absent
Fruit: Shape in longitudinal section (Characteristic 33)	Slightly flattened
Fruit: Colour at maturity (Characteristic 43)	Red
B. Distinct characteristics of candidate variety:	
FN-9016 has distinguishing characters as dark leaf intensity of green colour and broad leaf	

width.		
C. Distinct characteristics of reference varieties:		
Pant T-3 has distinguishing characters as medium leaf intensity of green colour and narrow leaf width.		
Sioux has distinguishing character as light leaf intensity of green colour and medium leaf width.		
D. Date of commercialization of the variety		09-08-2009 (Hybrid, Sona)
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	HP, Haryana, Punjab, Rajasthan, UP, UK Sep-Feb Irrigated Medium to high fertility
3.	Tolerance to adverse Temperature/Frost/ & Heat- Sensitive/Tolerance	Heat & early blight
4.	Tolerance to Water Stagnation: Sensitive/Tolerant	Sensitive
5.	Resistance/Tolerance to Pest/s	Susceptible to pest
6.	Staking & pruning Practices	Based on local farmer performance
7.	Winter – spring cropping seasons Type	Rabi
8.	Fruit Yield q/ ha	1800-2000
9.	Fruit Yield/plant (kg/ha)(average)	7-8
10.	Fruit quality and Fruit firmness	Good fruit quality with high firmness
11.	Fruit Picking Schedule	72-75 days
12.	Transport Potential (Days)	6-8
13.	Unique Selling Propositions and Optimal Shelf-Life (Days)	Fruit appearance
14.	Any other relevant information specific to the variety/hybrid	Indeterminate growth nature

19. Application No.

E3	BB18	10	469
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 filed on 27.12.2010 by **Dr. S.K. Tripathi, Nuziveedu Seeds Ltd., 403, 4th Floor, Nilgiri Apartment, Opp. Modern School, Barakhamba Road, New Delhi-110001** on behalf of **Nuziveedu Seeds Limited, Survey No. 69, Gundlapochampally (Vill. & Panchayat), Medchal-Mandal, Rangareddy- Dist-AP 501401** for **Extant (VCK)** variety of crop **Cauliflower** (*Brassica oleracea* L.var. botrytis) having denomination **NCFD-7116** 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 : NCFD-7116
Applicant : Nuziveedu Seeds Limited
Address of the applicant : Survey No. 69, Gundlapochampally, (Vill. & Panchayat), Medchal-Mandal, Rangareddy- Dist-AP 501401
Nationality of applicant : Indian
Application details
a. Number :

E3	BB18	10	469
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b. Date of receipt : 27.12.2010
c. Date of acceptance : --
Crop (taxonomical lineage) : Cauliflower (*Brassica oleracea* L.var. botrytis)
Denomination : NCFD-7116
Type of variety : Extant (VCK)
Classification of variety : Other (parental line)
Previously proposed Denomination : Not applicable
Name of parental material : HCFD-129
Source of parental material : Parental material is in house germplasm
Name of reference varieties : Pusa Sharad & PSB-16

Variety description:

A. Grouping characteristics		Remarks (measured values)
Seedling: Anthocyanin colouration of hypocotyls (Characteristic 1)		Absent
Curd: Covering by inner leaves (Characteristic 16)		Partly covered
Curd: Shape in longitudinal section (Characteristic 19)		Broad elliptic
Curd: Maturity group (Characteristic 26)		Mid- early
B. Distinct characteristics of candidate variety: NCFD-7116 has distinguishing characters as bluish green leaf colour.		
C. Distinct characteristics of reference varieties: Pusasharad and PSB-16 have distinguishing characters as dark green leaf colour		
D. Date of commercialization of the variety		06-08-2009 (Hybrid, White Diamond)
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	UP, Haryana, Punjab, Bihar and Rajasthan June Irrigated High fertility (sandy loam)

3.	Tolerance to adverse Temperature/Frost/ & Heat- Sensitive/Tolerance	Sensitive to low temperature and temperature fluctuations
4.	Tolerance to Water Stagnation: Sensitive/Tolerant	Sensitive to water stagnation
5.	Resistance/Tolerance to Pest/s	Susceptible to DBM
6.	Staking & pruning Practices	Not required
7.	Winter – spring cropping seasons Type	NA
8.	Fruit Yield q/ ha	250q/ha
9.	Fruit Yield/plant (kg/ha)(average)	0.5 kg/pl
10.	Fruit quality and Fruit firmness	Good and medium firmness
11.	Fruit Picking Schedule	NA
12.	Transport Potential (Days)	1-2 days
13.	Unique Selling Propositions and Optimal Shelf-Life (Days)	2-3 days
14.	Any other relevant information specific to the variety/hybrid	NA

20. Application No.

E66	LL8	13	385
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 filed on 31.07.2013 by **Mr. Surya Rao Rongali, PVP/R Specialist, Syngenta India Limited, Amar Paradigm, S.No. 110/11/3, Baner Road, Baner, Pune-411005** on behalf of **Syngenta India Limited, Amar Paradigm, S.No. 110/11/3, Baner Road, Baner, Pune-411005**, for **Extant (VCK)** variety of crop **Tomato (*Lycopersicon lycopersicum* (L.) Karsten ex. Farw)** having denomination **SYN-TO-TZ 996** 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 : SYN-TO-TZ 996
Applicant : Syngenta India Limited
Address of the applicant : Amar Paradigm, S.No. 110/11/3, Baner Road, Baner, Pune-411005

Nationality of applicant : Switzerland

Application details

a. Number :

E66	LL8	13	385
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b. Date of receipt : 31.07.2013

c. Date of acceptance : --

Crop (taxonomical lineage) : Tomato (*Lycopersicon lycopersicum* (L.) Karsten ex. Farw)

Denomination : SYN-TO-TZ 996

Type of variety : Extant (VCK)
 Classification of variety : Other (inbred parental line)
 Previously proposed
 Denomination : Not applicable
 Name of parental material : N07TO097
 Source of parental material : In house germplasm
 Name of reference varieties : ROMA & NS 501

Variety description:

A. Grouping characteristics		Remarks (measured values)
Plant: Growth type (Characteristic 3)		Determinate
Leaflet: Serration (Characteristic 12)		Highly serrated
Fruit: Green shoulder (before maturity) (Characteristic 29)		Absent
Fruit: Shape in longitudinal section (Characteristic 33)		Ovoid
Fruit: Colour at maturity (Characteristic 43)		Red
B. Distinct characteristics of candidate variety: SYN-TO-TZ 996 has distinguishing characters as medium stem anthocyanin colouration of upper third portion and open leaf structure.		
C. Distinct characteristics of reference varieties: Roma has distinguishing characters as weak stem anthocyanin colouration of upper third portion and intermediate leaf structure. NS 501 has distinguishing character as weak stem anthocyanin colouration of upper third portion and open leaf structure.		
D. Date of commercialization of the variety		30.05.2011 (Hybrid, SYN-TO-1952)
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Growth habit (Determinate/Indeterminate)	Determinate
2.	Days to flowering/anthesis (avg.)	25-30 days
3.	Days to maturity (avg.)	65-70 days
4.	Planting material/seed material requirement (gm/ac)	30-40
5.	Fertilizer requirement to attain potential and time Organic (per acre/pl) In-organic (per acre/pl) Other fertilizer (per acre/pl)	- 120:100:80 kg NPK/ac in 3 equal split doses at basal dose, flower initiation and fruit setting stages Micro nutrients application as per the soil & plant conditions
6.	Spacing (cm) requirement to attain potential yield: Row to row Plant to plant	- 90 cm 60 cm
7.	Soil requirement to attain potential yield	Medium to heavy soils with proper drainage is recommended

8.	Plant protection measures to attain potential yield	For all disease and pest use recommended chemical formulation only from department of agriculture (plant protection) for effective management. Major pest-Jassids, Thrips, whitefly, apply actara at 40g per ac. Major disease-powdery mildew and late blight apply amistar at 200ml/ac acre alternate apply kuman at 600ml/ac
9.	Sowing window requirement to attain potential yield (zone wise)	Winter for better seed producibility
10.	Number of irrigations requirement to attain potential yield (zone wise)	Critical stage for soil moisture are flowering and fruit setting average 6-10 irrigations required per crop cycle
11.	The best growing season to attain potential yield	<i>Kharif</i>
12.	Name the cropping/climate zone of India in which the varietal/hybrid trials were conducted	Semi-arid, tropical wet and dry zone
13.	Any other relevant information specific to the variety/hybrid	NA
14.	Yield potential (avg.) per acre (q/acre)	NA
15.	Yield of fruits per plant (kg. avg.)	NA

21. Application No.

E17	AE31	13	920
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 filed on 21.11.2013 by **Dr. S.K. Tripathi, Nuziveedu Seeds Ltd., 403, 4th Floor, Nilgiri Apartment, Opp. Modern School, Barakhamba Road, New Delhi-110001** on behalf of **Nuziveedu Seeds Limited, Survey No. 69, Gundlapochampally (Vill. & Panchayat), Medchal-Mandal, Rangareddy- Dist-AP 501401** for Extant (VCK) variety of crop **Okra (*Abelmoschus esculentus* (L.) Moench.)** having denomination **OK-607** 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 : OK-607
Applicant : Nuziveedu Seeds Limited

Address of the applicant : Survey No. 69, Gundlapochampally, (Vill. & Panchayat), Medchal-Mandal, Rangareddy- Dist-AP 501401

Nationality of applicant : Indian

Application details

a. Number	:	E17	AE31	13	920
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b. Date of receipt : 21.11.2013

c. Date of acceptance : --

Crop (taxonomical lineage) : Okra (*Abelmoschus esculentus* (L.) Moench.)

Denomination : OK-607

Type of variety : Extant (VCK)

Classification of variety : Other (parental line)

Previously proposed

Denomination : Not applicable

Name of parental material : OKHI-144

Source of parental material : Parental material is in house germplasm

Name of reference varieties : Kashi Lalima & Arka Anamika

Variety description:

A. Grouping characteristics		Remarks (measured values)
Stem: Colour (Characteristic 1)		Green
Leaf blade: Depth of lobing (Characteristic 3)		Deep
Stem: Number of nodes at first flowering (up to and including the first flowering node) (Characteristic 4)		Medium
Fruit: Colour (Characteristic 17)		Green
Fruit: Number of locules (Characteristic 24)		<6
Plant: Number of branches (Characteristic 25)		Many
B. Distinct characteristics of candidate variety: OK-607 has distinguishing characters as deep leaf blade depth of lobing and fruit constriction of basal part absent.		
C. Distinct characteristics of reference varieties: Kashi Lalima has distinguishing characters as medium leaf blade depth of lobing and strong fruit constriction of basal part. Arka Anamika has distinguishing character as medium leaf blade depth of lobing and weak fruit constriction of basal part.		
D. Date of commercialization of the variety		11-06-2007 (Hybrid, NBH-111)
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	June-Aug Irrigated All soils
3.	Tolerance to adverse Temperature/Frost/ & Heat- Sensitive/Tolerance	Tolerant but too cold and heat susceptible

4.	Tolerance to Water Stagnation: Sensitive/Tolerant	Sensitive
5.	Resistance/Tolerance to Pest/s	No
6.	Staking & pruning Practices	NA
7.	Winter – spring cropping seasons Type	Summer and <i>Kharif</i>
8.	Fruit Yield q/ ha	10-12 q/ha
9.	Fruit Yield/plant (kg/ha)(average)	180-200 g/pl
10.	Fruit quality and Fruit firmness	Dark green tender long fruit
11.	Fruit Picking Schedule	Alternate day
12.	Transport Potential (Days)	3 days
13.	Unique Selling Propositions and Optimal Shelf-Life (Days)	5 days
14.	Any other relevant information specific to the variety/hybrid	Thin, dark green tender fruits

22. Application No.

E3	MC3	14	954
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 filed on 24.04.2014 by **Dr. S.K. Tripathi (Vice President), Nuziveedu Seeds Ltd., 403, 4th Floor, Nilgiri Apartment, Opp. Modern School, Barakhamba Road, New Delhi-110001** on behalf of **Nuziveedu Seeds Limited, Survey No. 69, Gundlapochampally (Vill. & Panchayat), Medchal-Mandal, Rangareddy-Dist-AP 501401** for **Extant (VCK)** variety of crop **Bitter Gourd (*Momordica charantia* L.)** having denomination **NBI-3045** 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 : NBI-3045
Applicant : Nuziveedu Seeds Limited
Address of the applicant : Survey No. 69, Gundlapochampally, (Vill. & Panchayat), Medchal-Mandal, Rangareddy- Dist-AP 501401
Nationality of applicant : Indian
Application details
a. Number :

E3	MC3	14	954
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b. Date of receipt : 24.04.2014
c. Date of acceptance : --
Crop (taxonomical lineage) : Bitter Gourd (*Momordica charantia* L.)
Denomination : NBI-3045

Type of variety : Extant (VCK)
 Classification of variety : Other (parental line)
 Previously proposed
 Denomination : Not applicable
 Name of parental material : Arka Harit x NBI-3001
 Source of parental material : Parental material is in house germplasm
 Name of reference varieties : Phule Green Gold & Arka Harit

Variety description:

A. Grouping characteristics		Remarks (measured values)
Fruit: Length (Characteristic 15)		Long
Fruit: Diameter (Characteristic 16)		Medium
Fruit: colour of skin (Characteristic 18)		Green
Fruit: shape in longitudinal section (Characteristic 21)		Oblong
Fruit: tubercles (Characteristic 22)		Absent
Fruit: ridge (Characteristic 24)		Discontinuous
B. Distinct characteristics of candidate variety: NBI-3045 has distinguishing character as medium viny plant main vine length.		
C. Distinct characteristics of reference varieties: Phule Green Gold has distinguishing character as long viny plant main vine length. Arka Harit has distinguishing character as short viny plant main vine length.		
D. Date of commercialization of the variety		08-10-2010 (Hybrid, NHBI-3044)
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, Maharashtra Feb- Mar & June-July Based on requirements High Fertility
3.	Tolerance to adverse Temperature/Frost/ & Heat- Sensitive/Tolerance	DM tolerance
4.	Tolerance to Water Stagnation: Sensitive/Tolerant	Sensitive
5.	Resistance/Tolerance to Pest/s	No
6.	Staking & pruning Practices	Based on local agronomical practice
7.	Winter – spring cropping seasons Type	Spring
8.	Fruit Yield q/ ha	300-400 q/ha
9.	Fruit Yield/plant (kg/ha)(average)	6-8 kg/pl
10.	Fruit quality and Fruit firmness	No
11.	Fruit Picking Schedule	4-5 days interval
12.	Transport Potential (Days)	Appearance

13.	Unique Selling Propositions and Optimal Shelf-Life (Days)	7-8 days
14.	Any other relevant information specific to the variety/hybrid	NA

23. Application No.

E5	MC5	14	956
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 filed on 25.04.2014 by **Dr. S.K. Tripathi (Vice President), Nuziveedu Seeds Ltd., 403, 4th Floor, Nilgiri Apartment, Opp. Modern School, Barakhamba Road, New Delhi-110001** on behalf of **Nuziveedu Seeds Limited, Survey No. 69, Gundlapochampally (Vill. & Panchayat), Medchal-Mandal, Rangareddy-Dist-AP 501401** for **Extant (VCK)** variety of crop **Bitter Gourd (*Momordica charantia* L.)** having denomination **NBI-217** 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 : NBI-217
Applicant : Nuziveedu Seeds Limited
Address of the applicant : Survey No. 69, Gundlapochampally, (Vill. & Panchayat), Medchal-Mandal, Rangareddy- Dist-AP 501401
Nationality of applicant : Indian
Application details
a. Number :

E5	MC5	14	956
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b. Date of receipt : 25.04.2014
c. Date of acceptance : --
Crop (taxonomical lineage) : Bitter Gourd (*Momordica charantia* L.)
Denomination : NBI-217
Type of variety : Extant (VCK)
Classification of variety : Other (parental line)
Previously proposed
Denomination : Not applicable
Name of parental material : Pant Karela-1 x NBI-3003
Source of parental material : Parental material is in house germplasm.
Name of reference varieties : Kalyanpur Baramasi & NDBT-7

Variety description:

A. Grouping characteristics	Remarks (measured values)
Fruit: Length (Characteristic 15)	Long
Fruit: Diameter (Characteristic 16)	Medium
Fruit: colour of skin (Characteristic 18)	Dark green

Fruit: shape in longitudinal section (Characteristic 21)	Spindle shaped	
Fruit: tubercles (Characteristic 22)	Medium	
Fruit: ridge (Characteristic 24)	Discontinuous	
B. Distinct characteristics of candidate variety: NBI-217 has distinguishing characters as broad leaf blade width and long viny plant main vine length.		
C. Distinct characteristics of reference varieties: Kalyanpur Baramasi has distinguishing characters as medium leaf blade width and extra-long viny plant main vine length NDBT-7 has distinguishing character as medium leaf blade width and medium viny plant main vine length		
D. Date of commercialization of the variety	18-09-2012 (Hybrid, NHBI-2009)	
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, Uttar Pradesh Feb- Mar & June-July Based on requirements High Fertility
3.	Tolerance to adverse Temperature/Frost/ & Heat- Sensitive/Tolerance	DM tolerance
4.	Tolerance to Water Stagnation: Sensitive/Tolerant	Sensitive
5.	Resistance/Tolerance to Pest/s	No
6.	Staking & pruning Practices	Based on local agronomical practice
7.	Winter – spring cropping seasons Type	Spring
8.	Fruit Yield q/ ha	400-500 Q/he
9.	Fruit Yield/plant (kg/ha)(average)	8-10 kg/pl
10.	Fruit quality and Fruit firmness	No
11.	Fruit Picking Schedule	4-5 days interval
12.	Transport Potential (Days)	Appearance
13.	Unique Selling Propositions and Optimal Shelf-Life (Days)	7-8 days
14.	Any other relevant information specific to the variety/hybrid	NA

24. Application No.

E7	MC7	14	960
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 filed on 25.04.2014 by **Dr. S.K. Tripathi (Vice President), Nuziveedu Seeds Ltd., 403, 4th Floor, Nilgiri Apartment, Opp. Modern School, Barakhamba Road, New Delhi-110001** on behalf of **Nuziveedu Seeds Limited, Survey No. 69, Gundlapochampally (Vill. & Panchayat), Medchal-Mandal, Rangareddy-**

Dist-AP 501401 for **Extant (VCK)** variety of crop **Bitter Gourd** (*Momordica charantia* L.) having denomination **NBI-215** 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 : NBI-215
Applicant : Nuziveedu Seeds Limited
Address of the applicant : Survey No. 69, Gundlapochampally, (Vill. & Panchayat), Medchal-Mandal, Rangareddy- Dist-AP 501401
Nationality of applicant : Indian
Application details
a. Number :

E7	MC7	14	960
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b. Date of receipt : 25.04.2014
c. Date of acceptance : --
Crop (taxonomical lineage) : Bitter Gourd (*Momordica charantia* L.)
Denomination : NBI-215
Type of variety : Extant (VCK)
Classification of variety : Other (parental line)
Previously proposed :
Denomination : Not applicable
Name of parental material : BI-6-4-2-1-2-B
Source of parental material : Local collection from Bhubneswar (Orissa)
Name of reference varieties : Kalyanpur Baramasi & Hirkani

Variety description:

A. Grouping characteristics	Remarks (measured values)
Fruit: Length (Characteristic 15)	Long
Fruit: Diameter (Characteristic 16)	Medium
Fruit: colour of skin (Characteristic 18)	Green
Fruit: shape in longitudinal section (Characteristic 21)	Oblong
Fruit: tubercles (Characteristic 22)	Medium
Fruit: ridge (Characteristic 24)	Discontinuous
B. Distinct characteristics of candidate variety: NBI-215 has distinguishing characters as medium cotyledon intensity of green colour and less Seediness (no. of seeds/fruit).	
C. Distinct characteristics of reference varieties: Kalyanpur Baramasi has distinguishing characters as dark cotyledon intensity of green colour and medium seediness (no. of seeds/fruit). Hirkani has distinguishing character as dark cotyledon intensity of green colour and many	

seediness (no. of seeds/fruit).		
D. Date of commercialization of the variety		18-09-2012 (Hybrid, NHBI-2009)
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, Maharashtra Feb- Mar & June-July Based on requirements High Fertility
3.	Tolerance to adverse Temperature/Frost/ & Heat- Sensitive/Tolerance	DM tolerance
4.	Tolerance to Water Stagnation: Sensitive/Tolerant	Sensitive
5.	Resistance/Tolerance to Pest/s	No
6.	Staking & pruning Practices	Based on local agronomical practice
7.	Winter – spring cropping seasons Type	Spring
8.	Fruit Yield q/ ha	400-500 q/ha
9.	Fruit Yield/plant (kg/ha)(average)	8-10 kg/pl
10.	Fruit quality and Fruit firmness	No
11.	Fruit Picking Schedule	4-5 days interval
12.	Transport Potential (Days)	Appearance
13.	Unique Selling Propositions and Optimal Shelf-Life (Days)	7-8 days
14.	Any other relevant information specific to the variety/hybrid	NA

25. Application No.

E6	LS6	14	967
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 filed on 25.04.2014 by **Dr. S.K. Tripathi, Nuziveedu Seeds Ltd., 403, 4th Floor, Nilgiri Apartment, Opp. Modern School, Barakhamba Road, New Delhi-110001** on behalf of **Nuziveedu Seeds Limited, Survey No. 69, Gundlapochampally (Vill. & Panchayat), Medchal-Mandal, Rangareddy- Dist-AP 501401** for **Extant (VCK)** variety of crop **Bottle gourd (*Lagenaria siceraria* (Mol.) Standl.)** having denomination **BG-1013** 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 : BG-1013

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

E6	LS6	14	967
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 b. Date of receipt : 25.04.2014
 c. Date of acceptance : --
 Crop (taxonomical lineage) : Bottle Gourd (*Lagenaria siceraria* (Mol.) Standl.)
 Denomination : BG-1013
 Type of variety : Extant (VCK)
 Classification of variety : Other (parental line)
 Previously proposed
 Denomination : Not applicable
 Name of parental material : BG-9-1-4-6-1-B
 Source of parental material : Local collection from Kanpur (UP)
 Name of reference varieties : Arka Bahar & Pusa Naveen

Variety description:

A. Grouping characteristics		Remarks (measured values)
Leaf blade: number of lobes (Characteristic 11)		3 Lobes
Fruit : length (Characteristic 16)		Medium
Fruit: diameter (Characteristic 17)		Medium
Fruit: shape in longitudinal section (Characteristic 18)		Cylindrical
Fruit: skin color (Characteristic 20)		Green
B. Distinct characteristics of candidate variety: BG-1013 has distinguishing characters as short peduncle length and soft seed texture at marketable stage.		
C. Distinct characteristics of reference varieties: Arka Bahar and Pusa Naveen have distinguishing characters as medium peduncle length and medium seed texture at marketable stage.		
D. Date of commercialization of the variety		25-11-2011(Hybrid, NHBG-1012)
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, Maharashtra June-July Based on requirements High Fertility
3.	Tolerance to adverse Temperature/Frost/ & Heat- Sensitive/Tolerance	DM tolerance
4.	Tolerance to Water Stagnation: Sensitive/Tolerant	Sensitive
5.	Resistance/Tolerance to Pest/s	No

6.	Staking & pruning Practices	Based on local agronomical practice
7.	Winter – spring cropping seasons Type	Spring
8.	Fruit Yield q/ ha	400-500 q/ha
9.	Fruit Yield/plant (kg/ha)(average)	8-10 kg/pl
10.	Fruit quality and Fruit firmness	No
11.	Fruit Picking Schedule	4-5 days interval
12.	Transport Potential (Days)	Appearance
13.	Unique Selling Propositions and Optimal Shelf-Life (Days)	7-8 days
14.	Any other relevant information specific to the variety/hybrid	NA

26. Application No.

E14	MC14	14	976
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 filed on 25.04.2014 by **Dr. S.K. Tripathi, Nuziveedu Seeds Ltd., 403, 4th Floor, Nilgiri Apartment, Opp. Modern School, Barakhamba Road, New Delhi-110001** on behalf of **Nuziveedu Seeds Limited, Survey No. 69, Gundlapochampally (Vill. & Panchayat), Medchal-Mandal, Rangareddy- Dist-AP 501401** for **Extant (VCK)** variety of crop **Bitter gourd (*Momordica charantia* L.)** having denomination **NBI-3014** 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 : NBI-3014
Applicant : Nuziveedu Seeds Limited
Address of the applicant : Survey No. 69, Gundlapochampally, (Vill. & Panchayat), Medchal-Mandal, Rangareddy, Dist-AP 501401
Nationality of applicant : Indian
Application details
a. Number :

E14	MC14	14	976
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b. Date of receipt : 25.04.2014
c. Date of acceptance : --
Crop (taxonomical lineage) : Bitter gourd (*Momordica charantia* L.)
Denomination : NBI-3014
Type of variety : Extant (VCK)
Classification of variety : Other (parental line)
Previously proposed :
Denomination : Not applicable

Name of parental material : BI-6-4-2-1-6-B
 Source of parental material : Local collection from Agra (UP)
 Name of reference varieties : Pant Karela-1 & Preethi

Variety description:

A. Grouping characteristics		Remarks (measured values)
Fruit: Length (Characteristic 15)		Short
Fruit: Diameter (Characteristic 16)		Medium
Fruit: colour of skin (Characteristic 18)		Green
Fruit: shape in longitudinal section (Characteristic 21)		Spindle shaped
Fruit: tubercles (Characteristic 22)		Many
Fruit: ridge (Characteristic 24)		Discontinuous
B. Distinct characteristics of candidate variety: NBI-3014 has distinguishing characters as medium ovary length (at the day of anthesis) and orange fruit colour of skin at ripe stage.		
C. Distinct characteristics of reference varieties: Pant Karela-1 and Preethi have distinguishing characters as long ovary length (at the day of anthesis) and yellow fruit colour of skin at ripe stage		
D. Date of commercialization of the variety		03-11-2010 (Hybrid, NHBI-3014)
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, Uttar Pradesh Feb- Mar & June-July Based on requirements High Fertility
3.	Tolerance to adverse Temperature/Frost/ &Heat- Sensitive/Tolerance	DM tolerance
4.	Tolerance to Water Stagnation: Sensitive/Tolerant	Sensitive
5.	Resistance/Tolerance to Pest/s	No
6.	Staking & pruning Practices	Based on local agronomical practice
7.	Winter – spring cropping seasons Type	Spring
8.	Fruit Yield q/ ha	300-400 q/ha
9.	Fruit Yield/plant (kg/ha)(average)	6-8 kg/pl
10.	Fruit quality and Fruit firmness	No
11.	Fruit Picking Schedule	4-5 days interval
12.	Transport Potential (Days)	Appearance
13.	Unique Selling Propositions and Optimal Shelf-Life (Days)	7-8 days
14.	Any other relevant information specific to the variety/hybrid	NA

27. Application No.

N10	TA30	15	1422
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 filed on 21.07.2015 by **Director, ICAR-Indian Institute of Wheat and Barley Research, Karnal-132001** on behalf of **Indian Council of Agricultural Research, Krishi Bhawan, New Delhi, 110001** for **Extant (Notified)** variety of crop **Wheat (*Triticum aestivum* L.)** having denomination **DBW 110** 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	: DBW 110				
Applicant	: Indian Council of Agricultural Research				
Address of the applicant	: Krishi Bhawan, New Delhi, 110001				
Nationality of applicant	: Indian				
Application details					
a. Number	: <table border="1" style="display: inline-table; vertical-align: middle;"><tr><td>N10</td><td>TA30</td><td>15</td><td>1422</td></tr></table>	N10	TA30	15	1422
N10	TA30	15	1422		
b. Date of receipt	: 21.07.2015				
c. Date of acceptance	: --				
Crop (taxonomical lineage)	: Wheat (<i>Triticum aestivum</i> L.)				
Denomination	: DBW 110				
Type of variety	: Extant (Notified)				
Classification of variety	: Typical				
Previously proposed	: Not applicable				
Denomination					
Name of parental material	: KIRITATI/4/2*SERI1B*2/3/KAUZ*2/BOW//KAUZ				
Source of parental material	: Selection from PYT (PCBWIPYTBWIR) at CIMMYT, Obregon, Mexico in 2007				
Name of reference varieties	: HI 1500, MP 3288				
Notification details	: Notification no. S.O. 268(E), dated: 28.01.2015				

Variety description:

A. Grouping characteristics	Remarks (measured values)
Flag leaf: Anthocyanin coloration of auricle (Characteristic 4)	Absent
Time of ear emergence (Characteristic 7)	Medium
Plant length (Characteristic 14)	Medium
Awn or scurs: Presence (Characteristic 18)	Awns present
Outer glume: Pubescence (Characteristic 23)	Absent
Ear: Colour (Characteristic 24)	White
Season type (Characteristic 37)	Spring
Grain hardness (Characteristic 38)	Semi-Hard

B. Distinct characteristics of candidate variety: DBW 110 has distinguishing characters as medium plant length, hairs on auricles absent, outer glume pubescence absent.		
C. Distinct characteristics of reference varieties: HI 1500 has distinguishing characters as long plant length, medium hairs on auricles, outer glume pubescence medium. MP 3288 has distinguishing characters as medium plant length, medium hairs on auricles, outer glume pubescence absent.		
D. Date of commercialization of the variety		28.01.2015
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Growth habit	Semi-erect
2.	Days to heading (Average)	79 (53-94)
3.	Days to physiological maturity (Average)	124 (110-134)
4.	Seed rate per ha	100 kg/ha
5.	Recommended nutrition/ha schedule to attain potential yield and time of application :Organic (per ac) :Inorganic (per ac) :Other fertilizers (per ac)	- N:P:K 36:24:16 kg/ac 1/2 of fertilizer at sowing and remaining at first node stage -
6.	Spacing (cms) requirement Row to Row Plant to Plant	 20 cm 5 cm
7.	Soil requirements to attain the potential yield	Flat fertile soil. Pre sown irrigation followed by ploughing with disc harrow, tiller and leveler at field capacity for optimum field conditions
8.	Plant protection measures to attain potential yield	Seed treatment: Vitavax (Carboxin in 37.5% + Thiram 37.5%) @ 2-3 g/kg For control of stem and leaf rust propiconazole @0.1 (1ml/L) as foliar spray twice after disease appearance at 15 days interval
9.	Sowing window requirement to attain potential yield (Zone wise)	25 th October - 10 th November
10.	Number of irrigations required to attain the potential yield	Two irrigation first at 20 - 22 days and second at 60-65 days after sowing
11.	The best growing season to attain potential yield (Zone wise)	Central zone (MP, Chhattisgarh, Gujarat, Kota Div. of Rajasthan and Jhansi Div. of U.P. Crop to be sown between 5 th October – 10 th November
12.	Cropping/Climate zone of Indian in which the varietal/ Hybrid trial was conducted	Central zone (MP, Chhattisgarh, Gujarat, Kota Div. of Rajasthan and Jhansi Div. of U.P.
13.	Intercultural operations (including training,	For the control of broad leaved weeds

	pruning & nipping)	2,4D @ 500g/ha or metasulfuron active ingredient @4h/ha or carfentrazone @2g/ha can be sprayed using about 250l of water/ha. For control of grasses isoproturon at 100g/ha
14.	Any other relevant information specific to the variety/hybrid	-

28. Application No.

F43	SB43	17	1446
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 filed on 12.04.2017 by **Dr. Raju G. Teggelli, Programme Coordinator, KVK, Alanda Road, Gulbarga-585101** on behalf of **Shanthagouda Basangouda Patil, H.No. 92, PO-Nagaral, Tehsil: Lingasugur, Dist: Raichur, 584127** for **Farmer** variety of crop **Sorghum** (*Sorghum bicolor* L.) having denomination **NAGARAL DHUNDU JOWAR** 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 : NAGARAL DHUNDU JOWAR
Applicant : Shanthagouda Basangouda Patil
Address of the applicant : H.No. 92, PO-Nagaral, Tehsil: Lingasugur, Dist: Raichur, 584127
Nationality of applicant : Indian
Application details
a. Number :

F43	SB43	17	1446
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b. Date of receipt : 12.04.2017
c. Date of acceptance : --
Crop (taxonomical lineage) : Sorghum (*Sorghum bicolor* L.)
Denomination : NAGARAL DHUNDU JOWAR
Type of variety : Farmer
Classification of variety : Typical
Previously proposed : Not applicable
Denomination :
Name of reference varieties : M 35-1, Swathi

Variety description:

A. Grouping characteristics	Remarks (measured values)
Type of sorghum: Grain/Forage/Sweet sorghum	-
Season of adaptation: Kharif/Rabi	Rabi
Plant: Time to 50% flowering (50% of the plants with	Medium (66-75 days)

50% anthesis) (Characteristic 3)		
Plant: Total height at maturity (Characteristic 14)	Medium (151-225)	
Panicle: Shape (Characteristic 21)	Panicle broader in lower part	
Grain: Colour after threshing (Characteristic 26)	Greyed orange (RHS163- 173)	
B. Distinct characteristics of candidate variety: NAGARAL DHUNDU JOWAR has distinguishing characters as stigma anthocyanin colouration absent, stigma yellow colouration absent, very compact panicle density at maturity (ear head compactness), panicle broader in lower part panicle shape.		
C. Distinct characteristics of reference varieties: M 35 and Swathi have distinguishing characters as stigma anthocyanin colouration present, stigma yellow colouration present, compact panicle density at maturity (ear head compactness), 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	Late (130)
2.	Production condition: Suitability area in the country : Time of sowing : Irrigated/Rainfed : Low fertility/High fertility of soil	Rabi-subtropical to semiarid 15 th September to 15 th October Rainfed Low fertility
3.	Tolerance to disease & pests	Tolerant to charcoal rot
4.	Tolerance to adverse temperature/ frost/ heat & salinity	Salinity (pH-8.8)
5.	Grain characters Physical: a) Kernel size (cm) b) Seed lustre (Present/Absent) c) Seed colour	0.3mm Present Pearly white
6.	Zone wise yield potential (Average) per ac (q/ac)	Zone 3-5 (5q)
7.	Seed yield q/ac (Average)	4.8 q/ac
8.	Seed: weight (100 seed weight in g)	2.85g
9.	Any other relevant information specific to the variety/hybrid	-

29. Application No.

F5	PV5	15	95
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 filed on 16.01.2015 by **Dr. T.A. Shah**, Programme Coordinator, KVK Kupwara-193201 on behalf of **Gazenfer Gaffar, H.No. 92, PO-Nagaral, S/o Abdul Gaffar Bhat, R/o Bombay Mohalla, Handwara, Dist: Kupwara, Jammu & Kashmir -193201** for Farmer variety of crop **Kidney bean (*Phaseolus vulgaris* L.)** having denomination **SAFED RAZMAH** 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 : SAFED RAZMAH
Applicant : Gazenfer Gaffar
Address of the applicant : S/o Abdul Gaffar Bhat, R/o Bombay Mohalla, Handwara, Dist: Kupwara, Jammu & Kashmir -193201
Nationality of applicant : Indian
Application details
a. Number :

F5	PV5	15	95
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b. Date of receipt : 16.01.2015
c. Date of acceptance : --
Crop (taxonomical lineage) : Kidney bean (*Phaseolus vulgaris* L.)
Denomination : SAFED RAZMAH
Type of variety : Farmer
Classification of variety : Typical
Previously proposed : Not applicable
Denomination :
Name of reference varieties : IPR 98-3-1& IPR 98-5

Variety description:

A. Grouping characteristics		Remarks (measured values)
Time of flowering (Characteristic 1)		Early (< 50)
Plant: habit (Characteristic 6)		Determinate
Pod: Colour (Characteristic 15)		Green
Seed: Testa Colour (Characteristic 21)		White
B. Distinct characteristics of candidate variety: SAFED RAZMAH has distinguishing characters as kidney shape seed shape, small (<250g) seed size, white seed testa colour		
C. Distinct characteristics of reference varieties: IPR 98-3-1 has distinguishing characters as kidney shape seed shape, large (351-450g) seed size, dark red seed testa colour IPR 98-5 has distinguishing characters as elliptic seed shape, large (351-450g) seed size, red seed testa colour		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: Early/Medium/Late	Medium (80-90 days)

2.	Production condition: Suitability area in the country : Time of sowing : Irrigated/Rainfed : Low fertility/High fertility of soil	Mid-April to Last week of May Light irrigation High fertility of soil
3.	Tolerance to disease & pests	Moderately resistant
4.	Tolerance to adverse temperature/ frost/ heat & salinity	No
5.	The best growing season to attain potential yield (Zone wise)	<i>Kharif</i> season April-May (in valley of Kashmir especially Handwara)
6.	Number of pods/plants	8-12 pods/plant
7.	Zone wise yield potential q/ac (Average)	4-5 q/ac
8.	Seed: yield q/ac	4- 4.8 q/ac
9.	Any other relevant information specific to the variety/ hybrid (Low/ Medium/ High water use efficiency type)	-

30. Application No.

F18	SB18	17	963
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 filed on 30.03.2017 by **Directorate of Research Services, JNKVV, Jabalpur-482004** on behalf of **Hariom Singh, Village: Jhanjhar, Block: Behla, Dist: Sidhi (MP)** for **Farmer** variety of crop **Sorghum (*Sorghum bicolor* (L.) Moench.)** having denomination **Dudaniya Hari** 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 : Dudaniya Hari
Applicant : Hariom Singh
Address of the applicant : Village: Jhanjhar, Block: Behla, Dist: Sidhi (MP)
Nationality of applicant : Indian
Application details
a. Number :

F18	SB18	17	963
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b. Date of receipt : 30.03.2017
c. Date of acceptance : --
Crop (taxonomical lineage) : *Sorghum (Sorghum bicolor* (L.) Moench.)
Denomination : Dudaniya Hari
Type of variety : Farmer
Classification of variety : Typical
Previously proposed : Not applicable

Denomination

Name of reference varieties : M 35-1, Swathi

Variety description:

A. Grouping characteristics		Remarks (measured values)
Type of sorghum: Grain/Forage/Sweet sorghum		-
Season of adaptation: Kharif/Rabi		<i>Kharif</i>
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 (RHS 158)
B. Distinct characteristics of candidate variety:		
Dudaniya Hari has distinguishing characters as low grain weight of 1000 grains (g) (16-25), semi loose panicle density at maturity (ear head compactness)		
C. Distinct characteristics of reference varieties:		
M 35-1 has distinguishing characters as high grain weight of 1000 grains (g) (35.1-45), compact panicle density at maturity (ear head compactness).		
Swathi has distinguishing characters as medium grain weight of 1000 grains (g), compact panicle density at maturity (ear head compactness).		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: Early/Medium/Late	Medium (120 - 125 days)
2.	Production condition: Suitability area in the country : Time of sowing : Irrigated/Rainfed : Low fertility/High fertility of soil	Rainfed July Rainfed Low fertility of soil
3.	Tolerance to disease & pests	Tolerance
4.	Tolerance to adverse temperature/ frost/ heat & salinity	Yes
5.	Grain characters Physical: a) Kernel size (cm) b) Seed lustre (Present/Absent) c) Seed colour	- - White
7.	Zone wise yield potential q/ac (Average)	6 - 8 q/ac
8.	Seed yield q/ac	6 - 8 q/ac
9.	Any other relevant information specific to the variety/ hybrid (Low/ Medium/ High water use efficiency type)	-