



भारत सरकार
GOVERNMENT OF INDIA

भारतीय पौधा किस्म जर्नल

PLANT VARIETY JOURNAL OF INDIA



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

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

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

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

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PUBLIC NOTICE

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

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

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

Any person may, within three months from the date of advertisement of the application(s) give notice of opposition in writing to the Registration of variety (as per Form PV-3 of the First Schedule of PPV&FR Rules, 2003). Oppositions, if any, to the Registration must be submitted, in triplicate, to the Registrar, PPV&FRA, NASC Complex, DPS Marg, New Delhi -110 012 accompanied with the fee of Rs.10,000/- (Rupees Ten Thousand Only) by way of Demand Draft drawn in favour of "PPV & FR Authority" payable at New Delhi.

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

1. Application No.

E17	ZM29	12	255
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 filed on 29.06.2012 by **Yaaganti Seeds Pvt. Ltd., 3rd Floor, 8-2-277/45, UBI Colony, Road No.3, Banjara Hills, Hyderabad-500034 Telangana**, for **Extant (VCK)** variety of crop **Maize (*Zea mays* L.)** having denomination **GP-M28** 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 : GP-M28
Applicant : Yaaganti Seeds Pvt. Ltd.
Address of the applicant : 3rd Floor, 8-2-277/45, UBI Colony, Road No.3, Banjara Hills, Hyderabad-500034, Telangana
Nationality of applicant : Indian
Application details
a. Number :

E17	ZM29	12	255
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b. Date of receipt : 29.06.2012
c. Date of acceptance : --
Crop (taxonomical lineage) : Maize (*Zea mays* L.)
Denomination : GP-M28
Type of variety : Extant (VCK)
Classification of variety : Typical
Previously proposed :
Denomination : Not applicable
Name of parental material : G2POP (C3)-21-3-8-4-B
Source of parental material : Parental material is in public domain and in house germplasm.
Name of reference varieties : HKI 1105, HKI 163, and CM 152

Variety description:

A. Grouping characteristics	Remarks (measured values)
Tassel: Time of anthesis (Characteristic 4)	Medium
Ear: Time of silk emergence (50% plants) (Characteristic 11)	Medium
Ear: Anthocyanin colouration of silks (Characteristic 12)	Present
Plant: Length (Characteristic 15.1)	Short
Ear: Type of grain (Characteristic 22)	Semi flint
B. Distinct characteristics of candidate variety:	

GP-M28 has distinguishing characters as long ear length without husk, ear colour of top of grain yellow with cap		
C. Distinct characteristics of reference varieties: HKI 1105 and HKI 163 have distinguishing characters as medium ear length without husk, Orange ear colour of top of grain CM 152 has distinguishing character as medium ear length without husk, yellow ear colour of top of grain		
D. Date of commercialization of the variety		First Hybrid Laxmi- 333 Commercialization in 2004
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to flowering/anthesis (Early/Late)	53 days (Medium)
2.	The best growing season to attain the potential yield (Zone wise)	Kharif and Rabi in all zone
3.	Cropping/ climatic zone in which the variety is recommended for cultivation	Peninsular India
4.	Resistance/Tolerance to pest/ disease	Coragen @ 0.4 ml per liter at 15 DAS to control stem borer and repeat the same after 10 days
5.	Seed yield /ac (average)	8q/ac of seed yield in seed production
6.	Recommended nutrition/ac schedule to attain potential yield and time of application	-
	Organic (per ac)	20 t/ac of FYM
	Inorganic (per ac)	72-25-25 NPK (kg/ac)
	Other fertilizers (per ac)	10 (kg/ac) Zinc sulphate
7.	Soil requirements to attain the potential yield	Fertile black or red soil with pH 6.5-7.5
8.	Sowing window requirement to attain potential yield (Zone wise)	Zone IV (South India): June-July and Oct-Nov.

2. Application No.

N12	HA12	14	2451
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 filed on 09.12.2014 by **Bisco Biosciences Pvt. Ltd., H. No 1-8-201 to 203, Flat No. 208, 209, Ashoka My Home Chambers, SP Road, Secunderabad-500003 Telangana** for New variety of crop **Sunflower (*Helianthus annuus* L.)** having denomination **LGSF 12060B** 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 : LGSF 12060B
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 Telangana
Nationality of applicant : French
Application details
a. Number :

N12	HA12	14	2451
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b. Date of receipt : 09.12.2014
c. Date of acceptance : --
Crop (taxonomical lineage) : Sunflower (*Helianthus annuus* L.)
Denomination : LGSF 12060B
Type of variety : New
Classification of variety : Typical
Previously proposed
Denomination : Not applicable
Name of parental material : LGSF 12060A x LGSF 12060B
Source of parental material : Imported with EC number EC751190 & EC753654
Name of reference varieties : CMS 234B, CMS 17B

Variety description:

A. Grouping characteristics		Remarks (measured values)
Plant : Time of 50% flowering (Characteristic 2)		Medium
Leaf : Serration (Characteristic 7)		Medium
Plant : Height (Characteristic 24)		Short
Plant : Branching (Characteristic 25)		Absent
Seed coat : Stripes (Characteristic 31)		Absent
B. Distinct characteristics of candidate variety: LGSF 12060B has distinguishing characters as leaf petiole anthocyanin pigmentation present, low seed hull content		
C. Distinct characteristics of reference varieties: CMS 234B has distinguishing characters as leaf petiole anthocyanin pigmentation absent, medium seed hull content CMS 17B has distinguishing characters as leaf petiole anthocyanin pigmentation absent, high seed hull content		
D. Date of commercialization of the variety		Not commercialized
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	Andhra Pradesh 15 th October to 30 th November Irrigated Medium hence can grow in low to high fertility
3.	Tolerance to adverse temperature/frost and heat -sensitive/ tolerant	Tolerant
4.	Tolerance to water stagnation: Sensitive/ Tolerant	Sensitive
5.	Resistance/ Tolerance to pest/s	Tolerant
6.	Seed yield/ac (Average)	400 kg/ac
7.	Seed: Weight (100 seeds weight in g)	4-6 g
8.	Seed: Hull content (%)	Medium (26-28 %)
9.	Seed: Oil content (%)	Medium (36-38 %)
10.	Any other relevant value addition information specific to the variety/hybrid in terms of trade	HO-type

3. Application No.

N66	ZM139	15	2076
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 filed on 17.12.2015 by **Pioneer Overseas Corporation, V-Ascendas, Atria Block, 12th Floor, Plot No. 17, Software Unit Layout, Madhapur, Hyderabad-500081, Telangana** for New variety of crop **Maize** (*Zea mays* L.) having denomination **PH2NGW** 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 : PH2NGW
Applicant : Pioneer Overseas Corporation
Address of the applicant : V-Ascendas, Atria Block, 12th Floor, Plot No. 17,
Software Unit Layout, Madhapur, Hyderabad-500081
Telangana

Nationality of applicant : USA

Application details

a. Number :

N66	ZM139	15	2076
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b. Date of receipt : 17.12.2015

c. Date of acceptance : --

Crop (taxonomical lineage) : Maize (*Zea mays* L.)

Denomination : PH2NGW
 Type of variety : New
 Classification of variety : Typical
 Previously proposed
 Denomination : Not applicable
 Name of parental material : PH7HP, PH15K8
 Source of parental material : Own germplasm
 Name of reference varieties : HKI 161, CM 152,

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)		Flint
B. Distinct characteristics of candidate variety: PH2NGW has distinguishing character as ear anthocyanin colouration of silks absent, ear colour of top of grain yellow with cap		
C. Distinct characteristics of reference varieties: HKI 161 has distinguishing character as ear anthocyanin colouration of silks present, orange ear colour of top of grain CM 152 has distinguishing character as ear anthocyanin colouration of silks present, ear colour of top of grain yellow with cap		
D. Date of commercialization of the variety		Not commercialized
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to flowering/anthesis (Early/Late)	Late (>55 days)
2.	The best growing season to attain the potential yield (Zone wise)	Rabi, West Godavari, Andhra Pradesh, Zone IV
3.	Cropping/ climatic zone in which the variety is recommended for cultivation	Since it is a parent so not recommended for commercial cultivation by farmers.
4.	Resistance/Tolerance to pest/ disease	PH2NGW=NLFBLT – MT (Moderately Tolerant); SLFBLT –S (Highly susceptible); FUSROT – S (Highly susceptible); LTEWLT – R (Resistant).
5.	Zone wise yield potential (q/ac) (average)	It is an inbred and not recommended for cultivation.
6.	Seed yield /q (average)	12-14 q/ac

7.	Thousand grain weight (g)	Medium (200-300 g)
8.	Any other measures to achieve the potential yield	Maintain spacing (60x20 cm), timely follow standard package of practices for maize cultivation in India.

4. Application No.

N65	ZM138	15	2075
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 filed on 17.12.2015 by **Pioneer Overseas Corporation, V-Ascendas, Atria Block, 12th Floor, Plot No. 17, Software Unit Layout, Madhapur, Hyderabad-500081, Telangana** for New variety of crop **Maize** (*Zea mays* L.) having denomination **PH1RA7** 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 : PH1RA7
Applicant : Pioneer Overseas Corporation
Address of the applicant : V-Ascendas, Atria Block, 12th Floor, Plot No. 17,
Software Unit Layout, Madhapur, Hyderabad-500081
Telangana

Nationality of applicant : USA

Application details

a. Number :

N65	ZM138	15	2075
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b. Date of receipt : 17.12.2015
c. Date of acceptance : --

Crop (taxonomical lineage) : Maize (*Zea mays* L.)

Denomination : PH1RA7

Type of variety : New

Classification of variety : Typical

Previously proposed

Denomination : Not applicable

Name of parental material : PHM6T, PHSEA

Source of parental material : Own germplasm

Name of reference varieties : HKI 161, HKI 163, HKI 193-1 and CM 152

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)	Medium

Ear: Type of grain (Characteristic 22)		Flint
B. Distinct characteristics of candidate variety: PH1RA7 has distinguishing character as long tassel length of main axis above lowest side branch		
C. Distinct characteristics of reference varieties: HKI 161, HKI 163, HKI 193-1 and CM 152 have distinguishing character as medium tassel length of main axis above lowest side branch		
D. Date of commercialization of the variety		not commercialized
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to flowering/anthesis (Early/Late)	Late (>55 days)
2.	The best growing season to attain the potential yield (Zone wise)	Rabi, West Godavari, Andhra Pradesh, Zone IV
3.	Cropping/ climatic zone in which the variety is recommended for cultivation	Since it is a parent so not recommended for commercial cultivation by farmers.
4.	Resistance/Tolerance to pest/ disease	PH1RA7 =NLFBLT – MT (Moderately Tolerant); SLFBLT –T (Tolerant); FUSROT –MT (Moderately Tolerant); LTEWLT – R (Resistant).
5.	Zone wise yield potential (q/ac) (average)	It is an inbred and not recommended for cultivation.
6.	Seed yield /ac (average)	8.8-10 q/ac
7.	Thousand grain weight (g)	Medium (200-300 g)
8.	Any other measures to achieve the potential yield	Maintain spacing (60x20 cm), timely follow standard package of practices for maize cultivation in India.

5. Application No.

E17	ZM26	11	1298
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 filed on 16.11.2011 by **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 **PH9JM** 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 : **PH9JM**
Applicant : Pioneer Overseas Corporation

Address of the applicant : V-Ascendas, Atria Block, 12th Floor, Plot No. 17,
Software Unit Layout, Madhapur, Hyderabad-500081
Telangana

Nationality of applicant : USA

Application details

a. Number :

E17	ZM26	11	1298
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b. Date of receipt : 16.11.2011

c. Date of acceptance : --

Crop (taxonomical lineage) : Maize (*Zea mays* L.)

Denomination : PH9JM

Type of variety : Extant (VCK)

Classification of variety : Typical

Previously proposed

Denomination : Not applicable

Name of parental material : PHR03, PHAK9

Source of parental material : Own germplasm

Name of reference varieties : HKI 161, HKI 1128

Variety description:

A. Grouping characteristics		Remarks (measured values)
Tassel: Time of anthesis (Characteristic 4)		Medium to late
Ear: Time of silk emergence (50% plants) (Characteristic 11)		Medium to late
Ear: Anthocyanin colouration of silks (Characteristic 12)		Present
Plant: Length (Characteristic 15.1)		Short
Ear: Type of grain (Characteristic 22)		Flint
B. Distinct characteristic of candidate variety: PH9JM has distinguishing character as pointed kernel shape		
C. Distinct characteristic of reference varieties: HKI 161 and HKI 1128 have distinguishing character as round kernel shape		
D. Date of commercialization of the variety		First Hybrid 30V92, commercialized in 27.05.2003
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to flowering/anthesis (Early/Late)	Late (>55 days)
2.	The best growing season to attain the potential yield (Zone wise)	Rabi, West Godavari, Andhra Pradesh, Zone IV
3.	Cropping/ climatic zone in which the variety recommended for cultivation	Since it is a parent so not recommended for commercial cultivation by farmers.
4.	Resistance/Tolerance to pest/ disease	PH9JM = Tursicum leaf blight- S (Highly susceptible); Maydis leaf blight-MS (Moderately Susceptible); Fusarium rot-S

		(Highly susceptible); Late wilt- MS (Moderately Susceptible)
5.	Zone wise yield potential (q/ac) (average)	It is an inbred and not recommended for cultivation.
6.	Seed yield /ac (average)	12-14 q/ac
7.	Thousand grain weight (g)	Medium (200-300 g)
8.	Any other measures to achieve the potential yield	Maintain spacing (60x20 cm), timely follow standard package of practices for maize cultivation in India.

6. Application No.

N39	ZM103	14	2088
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 filed on 30.09.2014 by **Pioneer Overseas Corporation, V-Ascendas, Atria Block, 12th Floor, Plot No. 17, Software Unit Layout, Madhapur, Hyderabad-500081, Telangana** for New variety of crop **Maize (*Zea mays* L.)** having denomination **PHSAB** 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 : PHSAB
Applicant : Pioneer Overseas Corporation
Address of the applicant : V-Ascendas, Atria Block, 12th Floor, Plot No. 17,
Software Unit Layout, Madhapur, Hyderabad-500081
Telangana

Nationality of applicant : USA

Application details

a. Number :

N39	ZM103	14	2088
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b. Date of receipt : 30.09.2014

c. Date of acceptance : --

Crop (taxonomical lineage) : Maize (*Zea mays* L.)

Denomination : PHSAB

Type of variety : New

Classification of variety : Typical

Previously proposed

Denomination : Not applicable

Name of parental material : PH9TJ, PHBTB

Source of parental material : Own germplasm

Name of reference varieties : HM 9

Variety description:

A. Grouping characteristics	Remarks (measured values)
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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)	Flint	
B. Distinct characteristics of candidate variety: PHSAB has distinguishing characters as narrow tassel angle between main axis and lateral branches, straight tassel attitude of lateral branches.		
C. Distinct characteristics of reference variety: HM 9 has distinguishing characters as wide tassel angle between main axis and lateral branches, curved tassel attitude of lateral branches.		
D. Date of commercialization of the variety	Not commercialized	
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to flowering/anthesis (Early/Late)	Late (>55 days)
2.	The best growing season to attain the potential yield (Zone wise)	Rabi, West Godavari, Andhra Pradesh, Zone IV
3.	Cropping/ climatic zone in which the variety recommended for cultivation	Since it is a parent so not recommended for commercial cultivation by farmers.
4.	Resistance/Tolerance to pest/ disease	PHSAB =Tursicum leaf blight – T (Tolerant); Maydis leaf blight –MT (Moderately Tolerant); Fusarium rot–MT (Moderately Tolerant); Late wilt – R (Resistant).
5.	Zone wise yield potential (q/ac) (average)	It is an inbred and not recommended for cultivation.
6.	Seed yield /ac (average)	12-14 q/ac
7.	Thousand grain weight (g)	Medium (200-300 g)
8.	Any other measures to achieve the potential yield	Maintain spacing (60x20 cm), timely follow standard package of practices for maize cultivation in India.

7. Application No.

N55	ZM116	15	1665
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 filed on 24.08.2015 by **Metahelix Life Sciences Limited, Plot No.3, KIADB 4th Phase, Bommasandra, Bangalore-560099** for New variety of crop **Maize** (*Zea mays* L.) having denomination **MZ14S016N** 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 : MZ14S016N
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 :

N55	ZM116	15	1665
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 b. Date of receipt : 24.08.2015
 c. Date of acceptance : --
 Crop (taxonomical lineage) : Maize (*Zea mays* L.)
 Denomination : MZ14S016N
 Type of variety : New
 Classification of variety : Typical
 Previously proposed :
 Denomination : Not applicable
 Name of parental material : Population (METAPOP10AN/) x 312
 Source of parental material : Own germplasm
 Name of reference varieties : V 341, CM 152

Variety description:

A. Grouping characteristics		Remarks (measured values)
Tassel: Time of anthesis (Characteristic 4)		Late to medium
Ear: Time of silk emergence (50% plants) (Characteristic 11)		Late to medium
Ear: Anthocyanin colouration of silks (Characteristic 12)		Absent
Plant: Length (Characteristic 15.1)		Short
Ear: Type of grain (Characteristic 22)		Flint
B. Distinct characteristic of candidate variety: MZ14S016N has distinguishing character as curved tassel attitude of lateral branches		
C. Distinct characteristics of reference varieties: V 341 and CM 152 have distinguishing character as straight tassel attitude of lateral branches		
D. Date of commercialization of the variety		First Hybrid MM 7663, commercialized on 23.05.2015
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details

1.	Days to flowering/anthesis (Early/Late)	Medium (55 days)
2.	The best growing season to attain the potential yield (Zone wise)	Rabi season to attain the potential seed yield.
3.	Cropping/ climatic zone in which the variety is recommended for cultivation	Hybrid of this variety is recommended for Zone III.
4.	Resistance/Tolerance to pest/ disease	Tolerance to pest, susceptible to foliar disease
5.	Zone wise yield potential (q/ac) (average)	5-6 q/ac seed yield
6.	Seed yield /ac (average)	4.8-6 q/ac seed yield
7.	Thousand grain weight (g)	180 g
8.	Any other measures to achieve the potential yield	Timely agronomic practices required to maintain potential seed yield.

8. Application No.

F1	VS1	15	127
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 filed on 20.01.2015 by **Dattatraya Nanasaheb Kale, A&P Nanej, Tal. N. Solapur, Dist: Solapur, Maharashtra** for **Farmer** variety of crop **Grapes** (*Vitis* spp.) having denomination **DANAKA** 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 : DANAKA
Applicant : Dattatraya Nanasaheb Kale
Address of the applicant : A&P Nanej, Tal. N. Solapur, Dist: Solapur, Maharashtra
Nationality of applicant : Indian
Application details
a. Number :

F1	VS1	15	127
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b. Date of receipt : 20.01.2015
c. Date of acceptance : --
Crop (taxonomical lineage) : Grapes (*Vitis* spp.)
Denomination : DANAKA
Type of variety : Farmer
Classification of variety : Typical
Previously proposed
Denomination : Not applicable
Name of parental material : Sonaka
Source of parental material : Owned by applicant only

Name of reference varieties : Thompson seedless, Sonaka

Variety description:

A. Grouping characteristics		Remarks (measured values)
Mature leaf: Shape of blade (Characteristic 9)		Pentagonal
Mature leaf: Number of lobes (Characteristic10)		Five
Physiological maturity of the berry(Characteristic 18)		Medium (121- 130)
Bunch peduncle length (Characteristic 22)		Short (upto50 mm)
Bunch shape/ type (Characteristic 23)		Conical
Berry shape (Characteristic 26)		Cylindrical
Berry skin colour after removal of bloom (Characteristic 27)		Green- yellow
Berry flavour (Characteristic 31)		Neutral
Formation of seeds (Characteristic 34)		Seedless (absent)
Sugar content of must (Characteristic 37)		High (>20)
Total acid content of must (Characteristic 38)		Very low (<3)
B. Distinct characteristics of candidate variety: DANAKA has distinguishing characters as green young leaf colour of upper side of blade, medium physiological maturity of berry (days after fruit pruning).		
C. Distinct characteristics of reference varieties: Thompson seedless and Sonaka have has distinguishing characters as yellow young leaf colour of upper side of blade, late physiological maturity of berry (days after fruit pruning).		
D. Date of commercialization of the variety		23.10.2018
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Physiological maturity	120 days after fruit pruning (Early)
2.	Bunch weight	>500g
3.	Yield	15-16 t/ac
4.	Shelf life	Good
5.	Single berry weight	9.0 g
6.	Berry length	40-45 mm
7.	Berry diameter	18-19 mm
8.	Any other information relevant to variety	Crisp pulp, Table purpose variety

9. Application No.

N30	ZM66	15	1019
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.05.2015 by **Pioneer Overseas Corporation, V-Ascendas, Atria Block, 12th Floor, Plot No. 17, Software Unit Layout, Madhapur, Hyderabad-500081**, for New variety of crop **Maize** (*Zea mays* L.) having denomination **PH1CGY** 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 : PH1CGY
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 :

N30	ZM66	15	1019
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 b. Date of receipt : 21.05.2015
 c. Date of acceptance : --
 Crop (taxonomical lineage) : Maize (*Zea mays* L.)
 Denomination : PH1CGY
 Type of variety : New
 Classification of variety : Other (Parental Inbred)
 Previously proposed
 Denomination : Not applicable
 Name of parental material : PHM6W, PHM6T
 Source of parental material : Own germplasm
 Name of reference varieties : V373, V341

Variety description:

A. Grouping characteristics		Remarks (measured values)
Tassel: Time of anthesis (on middle third of main axis, 50 % of plants) (Characteristic 4)		Late (>55 days)
Ear: Time of silk emergence (50% plants) (Characteristic 11)		Late (>58 days)
Ear: Anthocyanin colouration of silks (Characteristic 12)		Present
Plant: Length (up to flag leaf) (Characteristic 15.1)		Medium (120 -150 cm)
Ear: Type of grain (in middle third of ear) (Characteristic 22)		Flint
B. Distinct characteristic of candidate variety: PH1CGY has distinguishing character as late time of silk emergence		
C. Distinct characteristic of reference varieties: V373 has distinguishing character as medium time of silk emergence V341 has distinguishing character as early time of silk emergence		
D. Date of commercialization of the variety		Not commercialized
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to flowering/ Anthesis (Early/Late)	Late (>55 days)
2.	The best growing season to attain the potential yield (Zone wise)	Rabi, West Godavari, Andhra Pradesh, Zone IV

3.	Cropping/climatic zone in which the variety is recommended for cultivation	Since it is a parent so not recommended for commercial cultivation by farmers.
4.	Resistance/ Tolerance to pest / disease	PH1CGY= NLFBLT- MT (Moderately Tolerant); SLFBLT- T (Tolerant); FUSROT- (Moderately Tolerant); LTEWLT – R (Resistant).
5.	Zone wise yield potential (Average) per acre (q/ac) if applicable	It is an inbred and not recommended for cultivation
6.	Seed yield/ ac (Average)	10.11- 12.14 q/ ac
7.	Thousand grain weight (gram)	Medium (200-300 g)
8.	Any other measures to achieve the potential yield	Maintain spacing (60x20), timely follow standard package of practices for maize cultivation in India.

10. Application No.

N31	ZM72	16	731
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 filed on 20.06.2016 by **Pioneer Overseas Corporation, V-Ascendas, Atria Block, 12th Floor, Plot No. 17, Software Unit Layout, Madhapur, Hyderabad-500081** for New variety of crop **Maize** (*Zea mays* L.) having denomination **PH1CH0** 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 : PH1CH0
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 :

N31	ZM72	16	731
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b. Date of receipt : 20.06.2016
c. Date of acceptance : --
Crop (taxonomical lineage) : Maize (*Zea mays* L.)
Denomination : PH1CH0
Type of variety : New
Classification of variety : Other (Parental Line)
Previously proposed
Denomination : Not applicable
Name of parental material : PHM6M, PHM6T
Source of parental material : Own germplasm
Name of reference varieties : HKI 161, CM 152

Variety description:

A. Grouping characteristics		Remarks (measured values)
Tassel: Time of anthesis (on middle third of main axis, 50 % of plants) (Characteristic 4)		Late (>55 days)
Ear: Time of silk emergence (50% plants) (Characteristic 11)		Late (>58 days)
Ear: Anthocyanin colouration of silks (Characteristic 12)		Absent
Plant: Length (up to flag leaf) (Characteristic 15.1)		Short (<120 cm)
Ear: Type of grain (in middle third of ear) (Characteristic 22)		Flint
B. Distinct characteristic of candidate variety: PH1CH0 has distinguishing character as anthocyanin colouration of silks absent		
C. Distinct characteristic of reference varieties: HKI 161 and CM 152 have distinguishing character as anthocyanin colouration of silks present		
D. Date of commercialization of the variety		Not commercialized
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to flowering/ Anthesis (Early/Late)	Late (>55 days)
2.	The best growing season to attain the potential yield (Zone wise)	Rabi season in North east plain zone (zone III)
3.	Cropping / Climatic zone in which the variety is recommended for cultivation	North east plain zone (zone III) - Bihar, Jharkhand, Odisha, Uttar Pradesh (Eastern region), West Bengal.
4.	Resistance/ Tolerance to pest / disease	Turcicum leaf blight- MT (Moderately Tolerant), Maydis leaf blight- T (Tolerant), Fusarium rot – T (Tolerant), Late wilt- R (Resistant)
5.	Seed yield/ac (Average)	18 - 20 q/ac
6.	Any other measures to achieve the potential yield	Maintain spacing (60cmx20cm), timely follow standard package of practices for maize cultivation in India.

11. Application No.

E5	HA6	11	194
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 filed on 25.03.2011 by **Nuziveedu Seeds Ltd, NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034** for Extant (VCK) variety of crop **Sunflower (*Helianthus annuus* L.)** having denomination **NSFL-399R** has been accepted and given registration number -----NA -----on ----- NA -----.

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

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

Passport data of the variety : NSFL-399R
Applicant : Nuziveedu Seeds Ltd
Address of the applicant : NSL ICON, No.8-2-684/2/A, Plot No. 1 to 4, 4th Floor,

Opp. ICICI Bank, Road No. 12, Banjara Hills,
Hyderabad-500034

Nationality of applicant

: India

Application details

a. Number

E5	HA6	11	194
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b. Date of receipt

: 25.03.2011

c. Date of acceptance

: --

Crop (taxonomical lineage)

: Sunflower (*Helianthus annuus* L.)

Denomination

: NSFL-399R

Type of variety

: Extant (VCK)

Classification of variety

: Other (Parental Line)

Previously proposed

Denomination

: Not applicable

Name of parental material

: NSF-112, NSF-73

Source of parental material

: Own germplasm

Name of reference varieties

: 6D-1

Variety description:

A. Grouping characteristics		Remarks (measured values)
Plant : Time of 50% flowering (Characteristic 2)		Medium (60-75)
Leaf : Serration (Characteristic 7)		Coarse
Plant : Height (Characteristic 24)		Short (80-110)
Plant : Branching (Characteristic 25)		Present
Seed coat : Stripes (Characteristic 31)		Absent
B. Distinct characteristics of candidate variety: NSFL-399R has distinguishing characters as green leaf colour, seed coat stripes absent		
C. Distinct characteristics of reference variety: 6D-1 has distinguishing characters as light green leaf colour, seed coat stripes present		
D. Date of commercialization of the variety		First Hybrid NSFH- 145, commercialized on 31.05.2003
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days of maturity: Early / Medium / Late	Early (<60 days)
2.	Production condition: suitable area in the country :Time of sowing :Irrigated/ Rainfed :Low fertility/ High fertility of the soil	Sunflower growing areas Kharif: June- August Rabi: September to December Spring: January & February Both irrigated & rainfed Both low and high fertile condition
3.	Tolerance to adverse temperature/ frost/ heat & salinity	Sensitive to frost & moderately tolerant to heat
4.	Tolerant to water stagnation: Sensitive/ Tolerant	Moderately tolerant to water logging.

5.	Resistance/ Tolerance to pest/s	Moderately tolerant to defoliators, bud necrosis, powdery mildew.
6.	Seed yield q/ac (average)	2-3 q/ac
7.	Seed: Weight (100 seed weight in g)	3.0 – 3.5 g
8.	Seed: Hull content (%)	23-24 %
9.	Seed: oil content (%)	34-35%
10.	Any other relevant information specific to the variety / hybrid in terms of trade	As this is a restorer line with multi headed character, the seed filling can be assured by proper hand pollination/ rearing bees in beehives.

12. Application No.

E2	GM2	18	520
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 filed on 17.05.2018 by **Mahatma Phule Krishi Vidyapeeth, Rahuri-413722, Dist: Ahmednagar** for **Extant (Notified)** variety of crop **Soybean (*Glycine max* (L.) Merrill.)** having denomination **KDS 344 (PHULE AGRANI)** 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 : KDS 344 (PHULE AGRANI)
Applicant : Mahatma Phule Krishi Vidyapeeth
Address of the applicant : Rahuri-413722, Dist: Ahmednagar
Nationality of applicant : Indian
Application details
a. Number :

E2	GM2	18	520
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b. Date of receipt : 17.05.2018
c. Date of acceptance : --
Crop (taxonomical lineage) : Soybean (*Glycine max* (L.) Merrill.)
Denomination : KDS 344 (PHULE AGRANI)
Type of variety : Extant (Notified)
Classification of variety : Typical
Previously proposed
Denomination : Not applicable
Name of parental material : JS- 335, EC 241780
Source of parental material : JS- 335 from public domain, EC 241780 from ICAR-IISR, Indore
Name of reference varieties : Bragg, RKS 18
Notification details : Notification no. S.O. 268 (E), dated: 28.01.2015

Variety description:

A. Grouping characteristics	Remarks (measured values)
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Plant: Growth Type (Characteristic 2)	Semi-determinate	
Flower: Colour (Characteristic 7)	Violet	
Pod: Pubescence (Characteristic 9)	Absent	
Pod: Pubescence colour (Characteristic 10)	-	
Pod: Colour (Characteristic 11)	Brown	
Plant: Days to maturity (Characteristic 13)	94 days	
Seed: Colour (Characteristic 16)	Yellow green	
B. Distinct characteristics of candidate variety: KDS 344 (PHULE AGRANI) has distinguishing characters as violet flower colour, medium plant height, medium seed size, yellow seed coat, dark leaf intensity of green colour, brown hilum colour.		
C. Distinct characteristic of reference varieties: Not Available		
D. Date of commercialization of the variety	28.01.2015	
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: Early/ Medium/ Late	Early (94 days)
2.	Production condition: Suitability area in the country : Time of sowing : Irrigated/ Rainfed : Low fertility/ High fertility of soil	Southern zone Kharif Rainfed under assured rainfall
3.	Tolerance to adverse temperature / frost & heat - sensitive/ tolerant	-
4.	Tolerance to water stagnation: Sensitive/ Tolerant	-
5.	Resistance/ Tolerance to disease & pest/s	Resistance to rust and moderately resistance to stem fly, leaf roller and pod borer
6.	Seed yield/ac (Average)	10.34 q/ac
7.	100 kernel weight in g (about 9% moisture)	12.38g
8.	Kernel: Oil percentage: Low/medium/high	16.80%

13. Application No.

E3	GM3	18	521
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 filed on 17.05.2018 by **Mahatma Phule Krishi Vidyapeeth, Rahuri-413722, Dist: Ahmednagar** for **Extant (Notified)** variety of crop **Soybean** (*Glycine max* (L.) Merrill.) having denomination **KDS 726 (PHULE SANGAM)** 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 : **KDS 726 (PHULE SANGAM)**
Applicant : Mahatma Phule Krishi Vidyapeeth
Address of the applicant : Rahuri-413722, Dist: Ahmednagar

Nationality of applicant : Indian

Application details

a. Number	: E3	GM3	18	521
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b. Date of receipt : 17.05.2018

c. Date of acceptance : --

Crop (taxonomical lineage) : Soybean (*Glycine max* (L.) Merrill.)

Denomination : **KDS 726 (PHULE SANGAM)**

Type of variety : Extant (Notified)

Classification of variety : Typical

Previously proposed Denomination : Not applicable

Name of parental material : JS- 93 05, EC 241780

Source of parental material : JS- 93 05 from public domain, EC 241780 from ICAR-IISR, Indore

Name of reference varieties : JS-335

Notification details : Notification no. S.O. 1498 (E), dated: 01.04.2019

Variety description:

A. Grouping characteristics		Remarks (measured values)
Plant: Growth Type (Characteristic 2)		Semi-determinate
Flower: Colour (Characteristic 7)		Violet
Pod: Pubescence (Characteristic 9)		Absent
Pod: Pubescence colour (Characteristic 10)		-
Pod: Colour (Characteristic 11)		Black
Plant: Days to maturity (Characteristic 13)		100-105 days
Seed: Colour (Characteristic 16)		Yellow
B. Distinct characteristic of candidate variety: KDS 726 (PHULE SANGAM) has distinguishing character as violet flower colour, medium plant height, large seed size, yellow seed coat, dark leaf intensity of green colour, brown hilum colour.		
C. Distinct characteristic of reference varieties: Not Available		
D. Date of commercialization of the variety		01.04.2019
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: Early/ Medium/ Late	Medium (100-105 days)
2.	Production condition: Suitability area in the country : Time of sowing : Irrigated/ Rainfed : Low fertility/ High fertility of soil	Southern zone <i>Kharif</i> Rainfed under assured rainfall
3.	Tolerance to adverse temperature/ frost & heat - sensitive/ tolerant	-

4.	Tolerance to water stagnation: Sensitive/ Tolerant	-
5.	Resistance/ Tolerance to disease & pest/s	Resistance to rust, moderately resistance to charcoal rot, collar rot, YMV and moderately resistance to stem fly and defoliators
6.	Seed yield/ac (Average)	9.91q/ac
7.	100 kernel weight in g (about 9% moisture)	16.6
8.	Kernel: Oil percentage: Low/ Medium/ High	18.42%

14. Application No.

N30	ZM71	16	730
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 filed on 20.6.2016 by **Pioneer Overseas Corporation, V Ascendas, Atria Block, 12th Floor, Plot No. 17, Software Unit Layout, Madhapur, Hyderabad-500081, Telangana** for New variety of crop **Maize (*Zea mays* L.)** having denomination **PH2GP6** 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 : PH2GP6
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 :

N30	ZM71	16	730
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b. Date of receipt : 20.6.2016

c. Date of acceptance : --

Crop (taxonomical lineage) : Maize (*Zea mays* L.)

Denomination : PH2GP6

Type of variety : New

Classification of variety : Typical

Previously proposed denomination : Not applicable

Name of parental material : PH9TJ, PHDMK

Source of parental material : Own germplasm

Name of reference varieties : HKI 161, HKI 163, HKI 193-1

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)		Medium
Ear: Type of grain (Characteristic 22)		Flint
B. Distinct characteristics of candidate variety:		
PH2GP6 has distinguishing characters as tassel attitude of lateral branches (in lower third of tassel) curved, medium plant length, yellow ear colour of top of grain.		
C. Distinct characteristics of reference varieties:		
HKI 161 and HKI 163 have distinguishing characters tassel attitude of lateral branches (in lower third of tassel) straight, short plant length, orange ear colour of top of grain		
HKI 193 has distinguishing characters as tassel attitude of lateral branches (in lower third of tassel) straight, short plant length, yellow with cap ear colour of top of grain		
D. Date of commercialization of the variety		Not commercialized
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to flowering/anthesis (Early/Late)	>55 days, Late
2.	The best growing season to attain the potential yield (Zone wise)	Rabi, West Godavari, Andhra Pradesh, Zone IV
3.	Cropping/ climatic zone in which the variety recommended for cultivation	Since it is a parent so not recommended for commercial cultivation by farmers.
4.	Resistance/ Tolerance to pest/ disease	Turicum leaf blight tolerant, maydis leaf blight tolerant, fusarium rot tolerant, late wilt resistant
5.	Seed yield q/ac (Average)	10-12 q/ac
6.	Thousand grain weight (g)	Medium (200-300 g)
7.	Any other measures to achieve the potential yield	Maintain spacing (60x20 cm), timely follow standard package of practices for maize cultivation in India.

15. Application No.

N41	ZM105	14	2090
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 filed on 30.9.2014 by **Pioneer Overseas Corporation, V-Ascendas, Atria Block, 12th Floor, Plot No. 17, Software Unit Layout, Madhapur, Hyderabad-500081, Telangana** for **New** variety of crop **Maize** (*Zea mays* L.) having denomination **PH1WGS** 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 : PH1WGS
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 :

N41	ZM105	14	2090
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 b. Date of receipt : 30.9.2014
 c. Date of acceptance : --
 Crop (taxonomical lineage) : Maize (*Zea mays* L.)
 Denomination : PH1WGS
 Type of variety : New
 Classification of variety : Typical
 Previously proposed denomination : Not applicable
 Name of parental material : PHJHA, PHM6T
 Source of parental material : Own germplasm
 Name of reference varieties : V 345

Variety description:

A. Grouping characteristics	Remarks (measured values)
Tassel: Time of anthesis (Characteristic 4)	Medium
Ear: Time of silk emergence (50% plants) (Characteristic 11)	Medium
Ear: Anthocyanin colouration of silks (Characteristic 12)	Absent
Plant: Length (Characteristic 15.1 and 15.2)	Long
Ear: Type of grain (Characteristic 22)	Flint
B. Distinct characteristics of candidate variety: PH1WGS has distinguishing characters as tassel angle between main axis and lateral branches is narrow, tassel attitude of lateral branches (in lower third of tassel) straight, ear length without husk long.	
C. Distinct characteristics of reference varieties: V 345 has distinguishing characters as tassel angle between main axis and lateral branches is wide, tassel attitude of lateral branches (in lower third of tassel) strongly curved, ear length without husk medium.	
D. Date of commercialization of the variety	Not commercialized
E. Agronomic & Commercial attributes	
S. No.	Attributes
	Details

1.	Days to flowering/anthesis (Early/Late)	>55 days , Late
2.	The best growing season to attain the potential yield (Zone wise)	Rabi, West Godavari, Andhra Pradesh, Zone IV
3.	Name of cropping/ climatic zone in which the variety recommended for cultivation	Since it is a parent so not recommended for commercial cultivation by farmers.
4.	Resistance/ Tolerance to pest/ disease	Turicum leaf blight moderately tolerant, maydis leaf blight moderately tolerant, fusarium rot moderately tolerant, late wilt moderately tolerant.
5.	Seed yield q/ac (Average)	22-24 q/ac
6.	Thousand grain weight (g)	Medium (200-300 g)
7.	Any other measures to achieve the potential yield	Maintain spacing (60x15cm), timely follow standard package of practices for maize cultivation in India.

16. Application No.

N29	ZM65	15	1018
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 filed on 21.5.2015 by **Pioneer Overseas Corporation, V-Ascendas, Atria Block, 12th Floor, Plot No. 17, Software Unit Layout, Madhapur, Hyderabad-500081, Telangana** for **New** variety of crop **Maize** (*Zea mays* L.) having denomination **PH1B26** 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 : PH1B26
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 :

N29	ZM65	15	1018
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b. Date of receipt : 21.5.2015
c. Date of acceptance : --

Crop (taxonomical lineage) : Maize (*Zea mays* L.)

Denomination : PH1B26

Type of variety : New

Classification of variety : Typical

Previously proposed

Denomination : Not applicable
 Name of parental material : PH70R, PHBRN
 Source of parental material : Own germplasm
 Name of reference varieties : HKI 1105

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)		Present
Plant: Length (Characteristic 15.1)		Medium
Ear: Type of grain (Characteristic 22)		Flint
B. Distinct characteristics of candidate variety: PH1B26 has distinguishing characters as ear anthocyanin colouration of silks present, ear anthocyanin colouration of glumes of cob dark purple.		
C. Distinct characteristics of reference varieties: HKI 1105 has distinguishing characters as ear anthocyanin colouration of silks absent, ear anthocyanin colouration of glumes of cob white.		
D. Date of commercialization of the variety		Not commercialized
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to flowering/anthesis (Early/Late)	>55 days , Late
2.	The best growing season to attain the potential yield (Zone wise)	Rabi, West Godavari, Andhra Pradesh, Zone IV
3.	Cropping/ climatic zone in which the variety recommended for cultivation	Since it is a parent so not recommended for commercial cultivation by farmers.
4.	Resistance/ Tolerance to pest/ disease	NA
5.	Zone wise yield potential (Average) per ac (q/ac) (if applicable)	It is an inbred and not recommended for cultivation.
6.	Seed yield q/ac (Average)	9-10 q/ac
7.	Thousand grain weight (g)	Large (>300 g)
8.	Any other measures to achieve the potential yield	Maintain spacing (60x15cm), timely follow standard package of practices for maize cultivation in India.

17. Application No.

N8	HA8	14	1709
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 filed on 19.8.2014 by **Nirmal Seeds Pvt. Ltd., PO Box-63, Bhadgaon Road, Pachora-424201, Dist- Jalgaon, Maharashtra** for New variety of crop **Sunflower** (*Helianthus annuus* L.) having denomination **NSSR-310** 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 : NSSR-310
Applicant : Nirmal Seeds Pvt. Ltd.
Address of the applicant : PO Box-63, Bhadgaon Road, Pachora-424201, Dist-
 Jalgaon, Maharashtra

Nationality of applicant : Indian

Application details

a. Number :

N8	HA8	14	1709
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 b. Date of receipt : 19.8.2014
 c. Date of acceptance : --
 Crop (taxonomical lineage) : Sunflower (*Helianthus annuus* L.)
 Denomination : NSSR-310
 Type of variety : New
 Classification of variety : Typical
 Previously proposed denomination : Not applicable
 Name of parental material : NSSH-621
 Source of parental material : Own germplasm
 Name of reference varieties : 6D-1, RHA 271

Variety description:

A. Grouping characteristics	Remarks (measured values)
Plant: Time of 50% flowering (days) (Characteristic 2)	Medium
Leaf: Serration (Characteristic 7)	Medium
Plant: Height (Characteristic 24)	Very short
Plant: Branching (Characteristic 25)	Present
Seed coat: Stripes (Characteristic 31)	Absent
B. Distinct characteristics of candidate variety: NSSR-310 has distinguishing characters as medium leaf blistering, medium leaf serration, very short plant height.	
C. Distinct characteristics of reference varieties: 6D-1 has distinguishing characters as medium leaf blistering, coarse leaf serration, medium plant height. RHA-272 has distinguishing characters as leaf blistering absent, medium leaf serration, short plant height.	
D. Date of commercialization of the variety	Not commercialized

E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: Early/Medium/Late	Early
2.	Production condition: Suitable area in country :Time of sowing :Irrigated/ Rainfed :Low fertility/High fertility of soil	AP and KA Rabi: October- November. Irrigated Medium to heavy well drained
3.	Tolerance to adverse temperature/ frost and heat-sensitive/tolerant	Tolerant
4.	Tolerance to water stagnation: Sensitive/Tolerant	Moderately tolerant to water logging.
5.	Resistance/Tolerance to pest/s	Tolerant
6.	Seed yield q/ac (average)	2.3 q/ac
7.	Seed weight (100 seed weight in g)	3.15 g
8.	Seed hull content (%)	26 %
9.	Seed oil content (%)	40 %

18. Application No.

F14	AH16	15	1756
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 filed on 7.9.2015 by **Kamleshwari Prasad Yadav, Village & Post: Manjila, Block: Kauwakol, Dist: Nawada, Bihar** for **Farmer** variety of crop **Groundnut** (*Arachis hypogaea* L.) having denomination **Hara Mungfali** 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 : Hara Mungfali
Applicant : Kamleshwari Prasad Yadav
Address of the applicant : Village & Post: Manjila, Block: Kauwakol, Dist: Nawada,
Bihar

Nationality of applicant : Indian

Application details

a. Number :

F14	AH16	15	1756
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b. Date of receipt : 7.9.2015
c. Date of acceptance : --
Crop (taxonomical lineage) : Groundnut (*Arachis hypogaea* L.)

Denomination : Hara Mungfali
 Type of variety : Farmer
 Classification of variety : Typical
 Previously proposed
 Denomination : Not applicable
 Name of reference variety : SG84, Kopergaon 3, Gangapuri

Variety description:

A. Grouping characteristics		Remarks (measured values)
Plant: Growth habit (Characteristic 1)		Spreading
Flowering pattern on side branches (Characteristic 6)		Irregular
Time of maturity (for curing) (Characteristic 8)		Late
Kernel: Weight of 100 kernels (Characteristic 17)		Medium
B. Distinct characteristics of candidate variety: Hara Mungfali has distinguishing characters as spreading plant growth habit, flower absent on main axis, weight of 100 kernels (about 9% moisture) medium.		
C. Distinct characteristics of reference varieties: SG84, Kopergaon 3 and Gangapuri have distinguishing characters as erect plant growth habit, flower present on main axis, weight of 100 kernels (about 9% moisture) low.		
D. Date of commercialization of the variety		Not commercialized
E. Agronomic & Commercial attributes		
S. No.	Agronomic attributes	Details
1.	Days to maturity: Early/ Medium/ Late	Medium
2.	Production condition: Suitable area in country :Time of sowing :Irrigated/ Rainfed :Low fertility/High fertility of soil	Nawada, Bihar First fortnight of July Rainfed Low fertility
3.	Tolerance to adverse temperature/ frost and heat-sensitive/ tolerant	Tolerant
4.	Tolerance to water stagnation: Sensitive/Tolerant	Tolerant
5.	Resistance/Tolerance to pest/s	Tolerant
6.	Seed yield q/ac (average)	5.7 q/ac
7.	Seed weight (100 seed weight in g)	32.7 g
8.	Kernel oil percentage (%)	Medium

F4	SB4	16	104
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19. Application No. filed on 01.03.2016 by **Yaha Mogi Mata Sthanik Biyanee Savardhan Samitee, C/o Mr. Mochada Pawara, At: Harankhuri, Tal: Dhadgaon, Dist: Nandurbar-425414** for **Farmer** variety of crop **Sorghum** (*Sorghum bicolor* (L.) Moench.) having denomination **LAHAN MANI JUWAR** has been accepted and given registration number -----NA -----on ----- NA -----.

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

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

Passport data of the variety : LAHAN MANI JUWAR
Applicant : Yaha Mogi Mata Sthanik Biyanee Savardhan Samitee
Address of the applicant : C/o Mr. Mochada Pawara, At: Harankhuri, Tal: Dhadgaon, Dist: Nandurbar-425414

Nationality of applicant : Indian

Application details

a. Number	:	F4	SB4	16	104
b. Date of receipt	:	01.03.2016			
c. Date of acceptance	:	--			
Crop (taxonomical lineage)	:	Sorghum (<i>Sorghum bicolor</i> (L.) Moench.)			
Denomination	:	LAHAN MANI JUWAR			
Type of variety	:	Farmer			
Classification of variety	:	Typical			
Previously proposed	:				
Denomination	:	Not applicable			
Name of reference varieties	:	M 35-1			

Variety description:

A. Grouping characteristics	Remarks (measured values)
Type of Sorghum (Grain/Forage/Sweet sorghum)	-
Kharif or Rabi adaptation	Kharif
Plant: Time of panicle emergence (50% of the plants with complete panicle emergence) (Characteristic 4)	Late (76-85 days)
Plant: Total height (Characteristic 18)	Short (76-150 cm)
Panicle: Shape (Characteristic 27)	Panicle broader in lower part
Caryopsis: Colour after threshing (Characteristic 33)	Yellow white 158
B. Distinct characteristic of candidate variety: LAHAN MANI JUWAR has distinguishing character as lemma arista formation absent, stigma anthocyanin colouration absent, stigma yellow colouration absent, short plant total height.	
C. Distinct characteristic of reference varieties: M 35-1 has distinguishing character as lemma arista formation present, stigma anthocyanin colouration present, stigma yellow colouration present, medium plant total height.	
D. Date of commercialization of the variety	-

E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days of maturity: Early / Medium / Late	105-110 Days
2.	Production condition: suitable area in the country :Time of sowing :Irrigated/ Rainfed :Low fertility/ High fertility of the soil	Maharashtra (Transition Zone II) Up to 15 th June Rainfed Low fertility
3.	Tolerance to adverse temperature/ frost/ heat & salinity	Tolerance to adverse temperature
4.	Grain characters Physical: a) Kernel size (cm) b) Seed luster (present/absent) c) Seed colour	0.24 cm (diameter) Absent Gray white
5.	Zone wise yield potential (Average) per acre (q/ ac)	6.5-7 q/ac
6.	Seed yield q/ac (average)	6.6 q/ac
7.	Sees: Weight (100 seed weight in gm)	2.40 g
8.	Any other relevant information specific to the variety / hybrid	Circular, freely threshable, semi compact panicle, symmetrical. Non-lodging, it is mainly used for making bhakari and laddu, good fodder quality.

20. Application No.

F2	SB6	13	647
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 filed on 15.10.2013 by **Loko Farmer's Club, Chief Coordinator- Biswajit Reang, Village Laxmicharra, P.O. : Laxmicharra-799144** for **Farmer** variety of crop **Sorghum** (*Sorghum bicolor* (L.) Moench.) having denomination **MASINGA KUTUAIMA** 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 : MASINGA KUTUAIMA
Applicant : Loko Farmer's Club
Address of the applicant : Chief Coordinator- Biswajit Reang, Village Laxmicharra,
P.O.: Laxmicharra-799144

Nationality of applicant : Indian

Application details

a. Number :

F2	SB6	13	647
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b. Date of receipt :

: 15.10.2013

c. Date of acceptance : --
 Crop (taxonomical lineage) : Sorghum (*Sorghum bicolor* (L.) Moench)
 Denomination : MASINGA KUTUAIMA
 Type of variety : Farmer
 Classification of variety : Typical
 Previously proposed
 Denomination : Not applicable
 Name of reference varieties : CSV 15, Pant Chari 4

Variety description:

A. Grouping characteristics		Remarks (measured values)
Type of sorghum (Grain/Forage/Sweet sorghum)		-
Kharif or Rabi adaptation		Kharif
Plant: Time of panicle emergence (50% of the plants with complete panicle emergence) (Characteristic 4)		Late (76-85 days)
Plant: Total height (Characteristic 18)		Long (226-300 cm)
Panicle: Shape (Characteristic 27)		Panicle broader in upper part
Caryopsis: Colour after threshing (Characteristic 33)		Yellow white 158
B. Distinct characteristic of candidate variety: MASINGA KUTUAIMA has distinguishing character as very long panicle length of branches, panicle broader in upper part in shape.		
C. Distinct characteristic of reference varieties: CSV15 has distinguishing character as medium panicle length of branches, symmetric panicle shape. Pant Chari 4 has distinguishing character as medium panicle length of branches, pyramidal panicle shape.		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: Early/Medium/Late	Medium
2.	Production condition: Suitability area in the country :Time of sowing :Irrigated/ Rainfed :Low fertility/ High fertility of soil	May - June Rainfed Low fertility
3.	Tolerance to adverse temperature/ frost/ & heat- sensitive/ tolerance	Tolerance to adverse temperature
4.	Tolerance to disease & pest	High tolerant
5.	Grain characters Physical: a) Kernel size (cm) b) Seed lustre (Present/ Absent) c) Seed colour	0.7 cm (diameter) Present Ash colour

6.	Zone wise yield potential (Average) per ac (q/ac)	
7.	Seed yield q/ac (Average)	2.8 q/ac
8.	Seed: Weight (100 seeds weight in g)	5 g
9.	Any other relevant information specific to the variety / hybrid	-

21. Application No.

F1	SB5	13	646
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 filed on 15.10.2013 by **Loko Farmer's Club, Chief Coordinator- Biswajit Reang, Village Laxmicharra, P.O. Laxmicharra-799144** for **Farmer** variety of crop **Sorghum** (*Sorghum bicolor* (L.) Moench.) having denomination **JONARI** 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 : JONARI
Applicant : Loko Farmer's Club
Address of the applicant : Chief Coordinator- Biswajit Reang, Village Laxmicharra, P.O. Laxmicharra-799144

Nationality of applicant : Indian

Application details

a. Number :

F1	SB5	13	646
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b. Date of receipt : 15.10.2013
c. Date of acceptance : --
Crop (taxonomical lineage) : Sorghum (*Sorghum bicolor* (L.) Moench)
Denomination : JONARI
Type of variety : Farmer
Classification of variety : Typical
Previously proposed :
Denomination : Not applicable
Name of reference varieties : CSV 15, Pant Chari 4

Variety description:

A. Grouping characteristics	Remarks (measured values)
Type of Sorghum (Grain/Forage/Sweet sorghum)	-
Kharif or Rabi adaptation	Kharif
Plant: Time of panicle emergence (50% of the plants with complete panicle emergence) (Characteristic 4)	Medium (66-75 days)
Plant: Total height (Characteristic 18)	Long (226-300 cm)
Panicle: Shape (Characteristic 27)	Symmetric
Caryopsis: Colour after threshing (Characteristic 33)	Greyed orange (200)
B. Distinct characteristic of candidate variety:	

JONARI has distinguishing character as lemma arista formation present.		
C. Distinct characteristic of reference varieties: CSV15 and Pant Chari 4 have distinguishing character as lemma arista formation absent.		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: Early/Medium/Late	Medium
2.	Production condition: Suitability area in the country :Time of sowing :Irrigated/ Rainfed :Low fertility/ High fertility of soil	May - June Rainfed Low fertility
3.	Tolerance to adverse temperature/ frost/ & heat-sensitive/ tolerance	Tolerance to adverse temperature
4.	Tolerance to disease & pest	High tolerant
5.	Grain characters Physical: a) Kernel size (cm) b) Seed lustre (Present/ Absent) c) Seed colour	0.8 cm (diameter) Present Off white colour
6.	Zone wise yield potential (Average) per ac (q/ac)	
7.	Seed yield q/ac (Average)	2.64 q/ac
8.	Seed: Weight (100 seeds weight in g)	10 g
9.	Any other relevant information specific to the variety / hybrid	-

22. Application No.

F1	SM1	16	53
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 filed on 03.02.2016 by **Shri Shankar Rao Chouhan, Andharwadi, Th: Nepanagar, Dist: Burhanpur, M.P.** for **Farmer** variety of crop **Brinjal** (*Solanum melongena* L.) having denomination **CHANCHAL** 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 : CHANCHAL
Applicant : Shri Shankar Rao Chouhan
Address of the applicant : Andharwadi, Th: Nepanagar, Dist: Burhanpur,
M.P
Nationality of applicant : Indian
Application details
a. Number :

F1	SM1	16	53
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b. Date of receipt : 03.02.2016
c. Date of acceptance : --
Crop (taxonomical lineage) : Brinjal (*Solanum melongena* L.)

Denomination : CHANCHAL
 Type of variety : Farmer
 Classification of variety : Typical
 Previously proposed : Not applicable
 Denomination :
 Name of reference varieties : DBL-329, Orissa green

Variety description:

A. Group characteristics		Remarks (measured values)
Fruit: Length (Characteristic 20)		Medium (10-20 cm)
Fruit: Diameter (Characteristic 21)		Medium (5-10 cm)
Fruit: General shape (Characteristic 23)		Medium (1.0-1.5 cm)
Fruit: Colour of skin at commercial harvesting (Characteristic 27)		Green
Fruit: Stripes (Characteristic 30)		Present
Fruit: Colour of calyx (Characteristic 35)		Green
B. Distinct characteristics of candidate variety: CHANCHAL has distinguishing character as light purple flower colour		
C. Distinct characteristics of reference varieties: DBL-329 has distinguishing characters as greenish white flower colour. Orissa green has distinguishing characters as purple flower colour		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S.No.	Attributes	Details
1.	Days to maturity: Early/Medium/Late	Medium
2.	Production condition: Suitability area in the country : Time of sowing : Irrigated/ Rainfed : Low fertility/High fertility of soil	May-June Irrigated High fertility of Soil
3.	Tolerance to adverse temperature/ frost/ & heat- sensitive / tolerant	Tolerant
4.	Resistance to water stagnation: Sensitive/Tolerant	Sensitive
5.	Resistance/ Tolerance to pest(s)	Tolerance to fruit & shoot borer
6.	Staking & pruning practices	It was observed that after harvesting in one season, for next season the crop being pruned and again ready for production in subsequent season
7.	Winter- Spring cropping seasons type	Rainy-Autumn
8.	Fruit yield q/ac	200-320 q/ac
9.	Fruit yield/plant (average)	4-6
10.	Fruit quality and fruit firmness	They are bright, soft and seedless in edible stage. Fruit is long whitish green colour

11.	Fruit picking schedule	First picking is done after 75-85 days of transplanting
12.	Transport potential (Days)	3-4
13.	Unique selling propositions and optimal shelf life (Days)	5-6
14.	Any other relevant information specific to the variety/hybrid	Spacing 5*3 ft

23. Application No.

F1	LL1	15	253
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 filed on 09.02.2015 by **Shri Ram Chela Shah, R/O Vill: Garke (Ambatand), Post: Koluhan, Dist: Kaimur, Bihar** for **Farmer** variety of crop **Tomato** (*Solanum lycopersicum* L.) having denomination **Tamatar-20** 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 : Tamatar-20
Applicant : Shri Ram Chela Shahaz
Address of the applicant : Vill: Garke (Ambatand), Post: Koluhan, Dist: Kaimur, Bihar

Nationality of applicant : Indian

Application details

a. Number :

F1	LL1	15	253
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b. Date of receipt : 09.02.2015
c. Date of acceptance : --
Crop (taxonomical lineage) : Tomato (*Solanum lycopersicum* L.)
Denomination : Tamatar-20
Type of variety : Farmer
Classification of variety : Typical
Previously proposed : Not applicable
Denomination :
Name of reference varieties : COLAMBIA, LAXMI

Variety description:

A. Group characteristics	Remarks (measured values)
Plant : Growth type (Characteristic 3)	Indeterminate
Leaf : Serration (Characteristic 12)	Highly serrated
Fruit : Green shoulder (before maturity) (Characteristic 29)	Present
Fruit : Shape in longitudinal section (Characteristic 33)	Flattened
Fruit : Colour at maturity (Characteristic 43)	Red
B. Distinct characteristics of candidate variety:	

Tamatar-20 has distinguishing character as highly serrated leaf serration, fruit green shoulder (before maturity) present, flattened fruit shape in longitudinal section.		
C. Distinct characteristics of reference varieties: COLAMBIA and LAXMI have distinguishing characters as less serrated leaf serration, fruit green shoulder (before maturity) absent, slightly flattened fruit shape in longitudinal section.		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: Early/Medium/Late	90 days (Medium)
2.	Production condition: Suitability area in the country : Time of sowing : Irrigated/ Rainfed : Low fertility/High fertility of soil	- July Irrigated (Nov-Dec) Low fertility of soil
3.	Tolerance to adverse temperature/ frost/ & heat-sensitive / tolerant	Tolerant to temperature & frost to some extent
4.	Resistance to water stagnation: Sensitive/Tolerant	Tolerant
5.	Resistance/ Tolerance to pest(s)	Resistant
6.	Staking & pruning practices	Staking only
7.	Winter- Spring cropping seasons type	Winter
8.	Fruit yield q/ac	90 q/ac
9.	Fruit yield/plant (average)	5-6 kg
10.	Fruit quality and Fruit firmness	Average fruit size (200g), Sweetness, 5-6 days keeping ability
11.	Fruit picking schedule	3 alternate days
12.	Transport potential (Days)	3-4 days
13.	Unique selling propositions and optimal shelflife (Days)	Local Mandi, 5-6 days
14.	Any other relevant information specific to the variety/hybrid	Suitable for slopy land. If land is not slopy, plants are sensitive due to water stagnation.

24. Application No.

E15	SM15	12	88
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 filed on 30.03.2012 by **Nuziveedu Seeds Ltd., Survey No. 69, Gundlapochampally (Vill. & Panchayat), Medchal-Mandal, Rangareddy- Dist- 501401** for **Extant (VCK)** variety of crop **Brinjal** (*Solanum melongena* L.) having denomination **NBJ-20** 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 : NBJ-20
Applicant : Nuziveedu Seeds Ltd.
Address of the applicant : Survey No. 69, Gundlapochampally (Vill. & Panchayat),
 Medchal-Mandal, Rangareddy- Dist-501401
 Nationality of applicant : Indian
Application details
 a. Number :

E15	SM15	12	88
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 b. Date of receipt : 30.03.2012
 c. Date of acceptance : --
 Crop (taxonomical lineage) : Brinjal (*Solanum melongena* L.)
 Denomination : NBJ-20
 Type of variety : Extant (VCK)
 Classification of variety : Other (Parental Line)
 Previously proposed
 Denomination : Not applicable
 Name of parental material : Hisar shyamal x NBGP-16
 Source of parental material : Own germplasm
 Name of reference varieties : Annamalai, Gulabi Sel.4

Variety description:

A. Grouping characteristics		Remarks (measured values)
Fruit: Length (Characteristic 20)		Long
Fruit: Diameter (Characteristic 21)		Small
Fruit: General shape (Characteristic 23)		Ellipsoid
Fruit: Colour of skin at commercial harvesting (Characteristic 27)		Purple
Fruit: Stripes (Characteristic 30)		Absent
Fruit: Colour of calyx (Characteristic 35)		Green
B. Distinct characteristic of candidate variety: NBJ-20 has distinguishing character as greenish white flower colour, ellipsoid fruit general shape.		
C. Distinct characteristic of reference varieties: Annamalai has distinguishing character as purple flower colour, obovate fruit general shape. Gulabi Sel.4 has distinguishing character as dark purple flower colour, cylindrical fruit general shape		
D. Date of commercialization of the variety		26.05.2009 , NBH-744
E. Agronomic and commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity: Early/ Medium/ Late	Medium (55-60 days)
2.	Production condition: Suitability area in the country	Orissa, West Bengal,
	: Time of sowing	May-June, October-November
	: Irrigated/ Rainfed	Irrigated
	: Low fertility/ High fertility of soil	High fertility (Clay & silty loam)

3.	Tolerance to adverse temperature/ frost & heat sensitive/tolerant	Sensitive to frost & tolerance to heat
4.	Tolerance to water stagnation: Sensitive/Tolerant	Sensitive to water stagnation
5.	Resistance/ Tolerance to disease & pest/s	Tolerance to sucking pests
6.	Fruit yield/ac (Average)	170-180 q/ac
7.	Fruit yield / plant	2.15-2.30kg / pl
8.	Fruit quality and fruit firmness	Good & medium firmness
9.	Fruit picking schedule	5-6 days interval
10.	Transport Potential (Days)	1-2 days
11.	Unique selling proposition and optimal self-life (days)	3-4 days
12.	Any other relevant information specific to the variety/hybrid	Flower colour greenish white

25. Application No.

N3	GA3	16	172
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 filed on 10.03.2016 by **M/S Shakti Vardhak Hybrid Seeds Pvt. Ltd., Tilak Bazar, Hisar-125001** for New variety of crop **Diploid Cotton** (*Gossypium arboreum* L.) having denomination **SVAGMS-47** 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 : SVAGMS-47
Applicant : M/S Shakti Vardhak Hybrid Seeds Pvt. Ltd.
Address of the applicant : Tilak Bazar, Hisar-125001
Nationality of applicant : Indian
Application details
a. Number :

N3	GA3	16	172
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b. Date of receipt : 10.03.2016
c. Date of acceptance : --
Crop (taxonomical lineage) : Diploid Cotton (*Gossypium arboreum* L.)
Denomination : SVAGMS-47
Type of variety : New
Classification of variety : Other (Genetic Male Sterile Line)
Previously proposed
Denomination : Not applicable
Name of parental material : GMS-1 x SVA 55-2
Source of parental material : GMS-1 from CCS HAU, Hisar
SVA55-2 (SVHS, own germplasm)
Name of reference varieties : AKA-7

Variety description:

A. Grouping characteristics	Remarks (measured values)
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Leaf : Shape (Characteristic 6)	Digitate	
Flower : Petal colour (Characteristic 10)	Yellow	
Flower : Pollen colour (Characteristic 14)	Yellow	
Boll : Shape (Characteristic 17)	Ovate	
Fibre : Length (Characteristic 27)	Short	
B. Distinct characteristics of candidate variety: SVAGMS-47 has distinguishing character as ovate boll shape.		
C. Distinct characteristics of reference varieties: AKA-7 has distinguishing character as elliptic boll shape.		
D. Date of commercialization of the variety	-	
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity : Early/ Medium/ Late	150-160 days
2.	Recommended production ecology : Rainfed/ irrigated : High/ Low fertility of soil	Irrigated condition High fertility
3.	Reaction to major diseases & pest/s	Resistant to disease
S. No.	Commercial Attributes	Details
1.	Fibre length	Short
2.	Fibre fineness (Micronaire)	Very coarse
3.	Fibre uniformity	Average to excellent
4.	Fibre colour	White
5.	Any other relevant information specific to the variety	<i>arboreum</i> lint is being used in surgical and domestic purposes as well as textile raw material.

26. Application No.

E97	GH1	9	213
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 filed on 22.04.2009 by **Nuziveedu Seeds Ltd., NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad-500034** for **Extant (VCK)** variety of crop **Tetraploid Cotton (*Gossypium hirsutum* L.)** having denomination **NC-1102** has been accepted and given registration number -----
--NA -----on ----- NA -----.

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

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

Passport data of the variety : NC-1102
Applicant : Nuziveedu Seeds Ltd.

Address of the applicant : NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor,
Opp. ICICI Bank, Road No. 12, Banjara Hills,
Hyderabad- 500034

Nationality of applicant : Indian

Application details

a. Number	:	E97	GH10	9	213
b. Date of receipt	:	22.04.2009			
c. Date of acceptance	:	--			
Crop (taxonomical lineage)	:	Tetraploid Cotton (<i>Gossypium hirsutum</i> L.)			
Denomination	:	NC-1102			
Type of variety	:	Extant (VCK)			
Classification of variety	:	Other (Parental Line)			
Previously proposed	:				
Denomination	:	Not applicable			
Name of parental material	:	(SUPRIYA x MCU 5) -10-8-8-4-1			
Source of parental material	:	Own germplasm			
Name of reference varieties	:	Sahana, Supriya			

Variety description:

A. Grouping Characteristics	Remarks (measured values)
Leaf : Shape (Characteristic 8)	Palmate
Flower : Petal colour (Characteristic 15)	Cream
Flower : Pollen colour (Characteristic 19)	Yellow
Boll : Shape (Characteristic 23)	Round
Fibre : Length (Characteristic 33)	Long
B. Distinct Characteristic of candidate variety: NC-1102 has distinguishing character as yellow flower pollen colour, fine fiber fineness.	
C. Distinct Characteristic of reference varieties: Sahana has distinguishing character as cream flower pollen colour, medium fiber fineness. Supriya has distinguishing character as yellow flower pollen colour, medium fiber fineness.	
D. Date of commercialization of the variety	12.06.2001

E. Agronomic & Commercial Attributes		
S. No	Agronomic Attributes	Details
1.	Growth habit (Determinante/Indeterminate)	Indeterminate (31-60cm)
2.	Days to flowering/Anthesis (Average)	Medium (50-60 days)
3.	Days to Physiological Maturity (Average)	150-165 days
4.	Seed Rate per acre	2-3 kg/ac

5. Recommended Nutrition/ac schedule to attain potential yield and time of Application:
Organic (Per ac)
Inorganic (Per ac)

Fertilizer management: Avoid growing cotton after cotton in the same field and follow crop rotation with crops like Maize, Soybean, Sorghum, Paddy and Chilies / Vegetables. Always apply FYM or compost @ 5-10 tons / ac three to four weeks before final harrowing and sowing. Bt. Cotton needs timely balanced NPK application for greater boll retention in a short period and follows fertilizer application either based on soil test recommendation or the fertilizer dosage recommended below

Fertilizer recommendation (kg/ac)

	Irrigated			Rain fed		
	N	P	K	N	P	K
Basal dose (at sowing)	20	8	8	10	10	10
1 st Top dressing (25 DAS)*	10	6	6	10	-	-
2 nd Top dressing (50 DAS)*	-	-	-	-	-	-
3 rd Top dressing (75 DAS)*	-	-	-	-	-	-
Total Requirement	30	14	14	20	10	10

*DAS- Days After Sowing

Micronutrients:

Spray GA Leader @ 500 g/ac at 40 days, 750g/ac at 70 days and 1000g / ac at 100 days after sowing to avoid micronutrient deficiency. soil application of GA leader also can be done @ 8 kg/ac

6. Spacing (cm) requirement to attain potential yield :

Row to Row

Plant to Plant

Deep Black soils of Gujrat, M. P and Khandesh region of Maharashtra: 90 x 60cm or 90 x 45 cm
Black cotton soil
Black Cotton soils of Vidarbha and Marathwada (Maharashtra) : 90 x 45cm or 90 x 60 cm or 90 x 30 cm
Andhra Pradesh and Telangana- Heavy soils- 90x60cm or 90x45, Medium soil-90 x 45cm or 90 x 60cm or 75 x30cm.
Karnataka – Heavy soil 90x 60cm or 90x45cm, Medium soil 90x45cm or 90 x 60 cm or 90 x 30cm
Tamilnadu and Orissa- Heavy soil 90 x 60cm or 90 x 45cm, Medium soil- 90 x 45 cm 90 x 60cm or 90 x 30 cm
Optimum plant population should be maintained by gap filling as minimum standard for germination is 75% under the seed Act 1966 and rules thereof.

7.	Plant protection measures to attain the potential yield	<p>Plant Protection: It is very essential to control sucking pests like Jassids, Aphids, Thrips and Whitefly, like Non-Bt crop as Bollworm resistant trait doesn't provide any resistance for these pests. Protect crop against sucking pests, Aphids and Jassids with Clothianidin 15 to 20 g / ac, Buprofezin 120 to 160 ml /ac, Acetamiprid 20-40 g/ac or imidachloprid 50- 100ml/ac or flonicamid 60 ml/ac. To control Thrips , spray thiomethoxam 40-50g/ac or Fipronil 600-800 ml/ac, flonicamide 60ml/ac.to control white flies, spray difenthiuron 250g/ac, for control of mealy bugs, spray profenophos or quinolphos 400-600 ml/ac. If infestation of bollworms found above economic threshold levels, it is necessary to control bollworms with chemicals such as, quinolphos 600 to 800 ml/ ac, chlorpyriphos 600 ml/ac, thiodcarb 800g/ac, profenophos 600ml/acre, cypermethrin 240 ml/ac, chlorantranilprole 18.5% SC 60ml/acre (chloratranilprole (10%) + Lambdacyhalothrin (5% zc) 80 to 100 ml/ac, spinosad 100/ac, Emamectin benzoate 80ml/ac</p> <p>Disease Management It is advisable to take up 1 or 2 prophylactic spraying after 90-100 days of crop growth with fungicide like Mancozeb, Carbendazim, Copper oxychloride and streptocyclin or the combination of these for prevention/ control of diseases like Grey mildew, Alternaria, Cercospora leaf spot, Bacterial blight etc. as an alternate to chemical fungicide, the usage of bio fungicide like Trichoderma, Pseudomonas is also recommended, Propiconazole, Hexaconazole, Cyproconazole are effective broad spectrum fungicides which can be used in the management of Grey mildew, Alternaria leaf spot</p> <p>All the agrochemicals including herbicides suggested must be used following recommendations given by the manufacturers in their directions for use (DFU) provided along with the product.</p>
8.	Sowing window requirement to attain potential yield (Zone wise)	Second week of June to first week of July
9.	Number of irrigations required to attain potential yield	Water Management: irrigation by furrow or alternate furrow method is more effective. Drip irrigation is becoming popular particularly in central

		and southern zones. On black soil, 5-6 irrigations are commonly required at the interval of 20 days. On red/light/ sandy loam soil with low water retention capacity, 8-10 irrigation may be required at the interval of 15 days
10.	The best growing season to attain the potential yield (zone wise)	Kharif in South zone and Central zone
11.	Climatic zone of India in which the varietal/ hybrid trials were conducted	South and Central zone
12.	Intercultural operations (Including training, punning & nipping)	Weed Management: During critical crop growth up to 60 days, fields should be weed free. Three to four inter cultivations (hoeing) at 15 days interval after 30 days of sowing helps in keeping the plot weed free as well as for retention of soil moisture. Under rain fed condition, hand weeding/ hoeing helps in keeping the plot free from weeds. Pendimethalin 1 liter / ac is effective pre-emergence herbicides to control nearly 75% of weeds including annual grasses. Post emergence herbicides propaquizafop 10% EC @ 200-300 ml/ac to control grasses and Pyriithiobac sodium @ 250 ml/ac to control broad leaf weed can be used depending upon necessity when intercultivation or hoeing is not possible due to continuous rain. Paraquat @ 1 litre/ac as post – emergence would give good control of weeds in later stages and thereby increasing the seed cotton yield.
S. No	Commercial Attributes	Details
1.	Yield of kapas/ac (Average)	6-8 q/ac in south and central zone under irrigated condition 4-6 q/ac in south and central zone under rainfed condition
2.	Yield of lint/ac (Average)	2.0 – 2.6 q/ac in south and central zone under irrigated condition and 1.3-2.0 q/ac in south and central zone under rainfed condition
3.	Ginning%	Medium (33-34)
4.	Fibre traits: a) Colour b) Strength (8/tex) c) Fineness (Micronaire Value) d) Uniformity (%) e) Maturity (%)	White Strong (25.0 - 28.0 g/tex) Fine (3.0 - 3.9) Excellent (>47) Very good (>81)
5.	Plant height (cm) (Average)	Tall (121-150)

6.	Reaction against major diseases & pest	Tolerance to thrips and moderate tolerance to whiteflies, tolerant to grey mildew
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27. Application No. _____ filed on 19.08.2015 by **Ramkrishna Barman, Village: Petlanepra (Paglarhat), P.O. Dewankot jayduar, Sitalkuchi Cooch Behar District-736172, West Bengal** for **Farmer** variety of crop **Rice (*Oryza sativa* L.)** having denomination **KAJAL GHORYA** 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

F628	OS684	15	1653
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 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 : KAJAL GHORYA
Applicant : Ramkrishna Barman
Address of the applicant : Village: Petlanepra (Paglarhat), P.O.: Dewankot jayduar, Sitalkuchi, District Cooch Behar -736172, West Bengal
 Nationality of applicant : Indian
Application details
 a. Number :

F628	OS684	15	1653
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 b. Date of receipt : 19.08.2015
 c. Date of acceptance : --
 Crop (taxonomical lineage) : Rice (*Oryza sativa* L.)
 Denomination : KAJAL GHORYA
 Type of variety : Farmer
 Classification of variety : Typical
 Previously proposed :
 Denomination : Not applicable
 Name of reference varieties : RCM 5, JYOTHI, SARJU 52

Variety description:

A. Grouping characteristics	Remarks (measured values)
Basal leaf: sheath colour (Characteristic 2)	Uniform purple
Time of heading (50% of plant with panicle (Characteristic 20)	Early
Stem length:(excluding panicles) (Characteristic 29)	Short
Decorticated grain: length (Characteristic 54)	Medium
Decorticated grain: shape (in lateral view) (Characteristic 56)	Long bold
Decorticated grain: colour (Characteristic 57)	Dark brown
Endosperm: content of amylose (Characteristic 59)	Medium
Decorticated grain: aroma (Characteristic 62)	Absent
B. Distinct characteristics of candidate variety:	

KAJAL GHORYA has distinguishing character as medium spikelet density of pubescence of lemma, stem length (excluding panicles) short.		
C. Distinct characteristics of reference varieties: RCM 5 and JYOTHI have distinguishing character as strong spikelet density of pubescence of lemma, stem length (excluding panicles) medium. SARJU 52 has distinguishing character as strong spikelet density of pubescence of lemma, stem length (excluding panicles) very short.		
D. Date of commercialization of the variety	-	
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Production condition : Suitable area in country :Time of sowing :Irrigated /Rainfed :Low fertility/ high fertility of soil	West Bengal June Rainfed High fertility
2.	Resistant/ Tolerance to disease and pest	Moderately resistant to blast, sheath rot, important insect pest not prevailing in this region
3.	Seed yield q /ac (average)	6.15 q/ac
4.	Seed colour (Lemma & Palea colour)	Brown
5.	Seed weight (1000 grain weight in gram)	20.70 g

28. Application No.

F639	OS695	15	1675
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 on 27.08.2015 by **Tapan Chik Baraik, Village: Uttar Chakowa Kheti, P.O.: Nathowatari Alipurduar District-736204, West Bengal** for **Farmer** variety of crop **Rice** (*Oryza sativa* L.) having denomination **KUKURJALI** 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 : KUKURJALI
Applicant : Tapan Chik Baraik
Address of the applicant : Village: Uttar Chakowa Kheti, P.O.: Nathowatari
District Alipurduar -736204, West Bengal
Nationality of applicant : Indian
Application details
a. Number :

F639	OS695	15	1675
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b. Date of receipt : 27.08.2015
c. Date of acceptance : --
Crop (taxonomical lineage) : Rice (*Oryza sativa* L.)

Denomination : KUKURJALI
 Type of variety : Farmer
 Classification of variety : Typical
 Previously proposed
 Denomination : Not applicable
 Name of reference varieties : IET 8116, POOJA

Variety description:

A. Grouping characteristics		Remarks (measured values)
Basal leaf: sheath colour (Characteristic 2)		Green
Time of heading (50% of plant with panicle)(Characteristic 20)		Late
Stem length:(excluding panicles) (Characteristic 29)		Short
Decorticated grain: length (Characteristic 54)		Short
Decorticated grain: shape (in lateral view) (Characteristic 56)		Medium slender
Decorticated grain: colour (Characteristic 57)		Light brown
Endosperm: content of amylose (Characteristic 59)		Medium
Decorticated grain: aroma (Characteristic 62)		Absent
B. Distinct characteristics of candidate variety: KUKURJALI has distinguishing character as decorticated grain width narrow		
C. Distinct characteristics of reference varieties: IET 8116 and POOJA have distinguishing character as decorticated grain width medium		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Days to maturity (Early/Medium/Late)	150 to 155 days (late)
2.	Production condition: Suitable area in the country :Time of sowing :Irrigated /Rainfed :Low fertility/ High fertility soil	West Bengal June Rainfed High fertility
4.	Resistance / Tolerance to disease and Pest/s	It is almost resistant to major disease prevailing in this area. Important insect pest is not prevailing in this region
5.	Seed yield q /acre (average)	5.86 q/ac
6.	Seed colour (Lemma & Palea colour)	Gold and gold furrows on straw background
7.	Seed weight (1000 grain weight in g)	24.50 g
8.	Any other relevant value addition information specific to the variety in terms of trade.	It is <i>Aman (Kharif)</i> variety of rice sown during May-June in medium and low land situations. It is highly photoperiod-sensitive. Long duration rice, takes 150 to 155 days to harvest the crop.

29. Application No.

N25	GH80	14	1722
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 filed on 20.08.2014 by **Kaveri Seed Company Ltd., 513-B, 5th Floor, Minerva Complex, SD Road, Secunderabad-500003** for New variety of crop **Tetraploid Cotton** (*Gossypium hirsutum* L.) having denomination **KCL-11** has been accepted and given registration number -----NA -----on ----- NA -----.

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

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

Passport data of the variety : KCL-11
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 :

N25	GH80	14	1722
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b. Date of receipt : 20.08.2014
c. Date of acceptance : --
Crop (taxonomical lineage) : Tetraploid Cotton (*Gossypium hirsutum* L.)
Denomination : KCL-11
Type of variety : New
Classification of variety : Typical
Previously proposed
Denomination : Not applicable
Name of parental material : PKV 081x Surat dwarf
Source of parental material : Own germplasm
Name of reference varieties : LRA 5166

Variety description:

A. Grouping Characteristics		Remarks (measured values)
Leaf : Shape (Characteristic 8)		Palmate
Flower : Petal colour (Characteristic 15)		Cream
Flower : Pollen colour (Characteristic 19)		Yellow
Boll : Shape (Characteristic 23)		Ovate
Fibre : Length (Characteristic 33)		Long
B. Distinct characteristics of candidate variety: KCL-11 has distinguishing character as light green leaf colour, very high ginning %		
C. Distinct characteristics of reference varieties: LRA 5166 has distinguishing character as green leaf colour, low to medium ginning %		
D. Date of commercialization of the variety		June- 2002
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details

1.	Growth habit (Determinate / Indeterminate)	Indeterminate
2.	Days to flowering/Anthesis (Average)	55 days
3.	Days to physiological maturity (Average)	165-168 days
4.	Seed rate per/ ac	1-1.5 kg/ac
5.	Recommended nutrition / ac schedule to attain potential yield and time of application: Organic (Per/ac) Inorganic(Per/ac)	Nitrogen should be in two splits i.e. 50% at sowing time and 50% at square formation stage. While whole P and K should be applied as basal dose FYM: 8-10 tons/ac 32:16:16 NPK kg/ac
6.	Spacing (cm.) requirements to attain potential yield: Row to Row Plant to Plant	120 cm (Heavy soil) 90cm (Medium soil) 45-60 cm
7.	Soil requirement to attain potential yield	Medium to heavy, well- drained soil with Ph 6.0-8.5
8.	Plant protection measures to attain the potential yield	As per the package of practices recommended by SAU / CICR
9.	Sowing window requirement to attain potential yield (Zone wise)	Central zone : 1 st June to 7 th July South zone : 1 st June to 30 th July
10.	Number of irrigations required to attain potential yield	1-2 irrigations at critical stage
11.	The best growing season to attain the potential yield (Zone wise)	Central zone : June to February South zone : June to February
12.	Cropping/ climatic zone of India in which the varietal/ hybrid trials were conducted	Central & South zone
13.	Intercultural operations (including training, pruning & nipping)	2-3 intercultural operations. Nipping is done when there is excessive growth

30. Application No.

N70	GH51	8	279
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 filed on 02.04.2008 by **Maharashtra Hybrid Seeds Company Limited, Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400020** for **New** variety of crop **Tetraploid Cotton** (*Gossypium hirsutum* L.) having denomination **C 5009** has been accepted and given registration number -----NA -----on ----- NA -----
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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 : C 5009
Applicant : Maharashtra Hybrid Seeds Company Limited

Address of the applicant : Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400020

Nationality of applicant : Indian

Application details

a. Number	:	N70	GH51	8	279
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b. Date of receipt : 02.04.2008

c. Date of acceptance : --

Crop (taxonomical lineage) : Tetraploid Cotton (*Gossypium hirsutum* L.)

Denomination : C 5009

Type of variety : New

Classification of variety : Other (Inbred Parent Line)

Previously proposed

Denomination : Not applicable

Name of parental material : MECH 1

Source of parental material : Own germplasm

Name of reference varieties : MCU 11, MCU 3, MCU 8

Variety description:

A. Grouping Characteristics		Remarks (measured values)
Leaf : Shape (Characteristic 8)		Palmate
Flower : Petal colour (Characteristic 15)		Cream
Flower : Pollen colour (Characteristic 19)		Cream
Boll : Shape (Characteristic 23)		Ovate
Fibre : Length (Characteristic 33)		Long
B. Distinct Characteristic of candidate variety:		
C 5009 has distinguishing character as large weight of seed cotton /boll, very bold seed index (100 seed weight in g)		
C. Distinct Characteristic of reference varieties:		
MCU11, MCU3, and MCU8 have distinguishing character as medium weight of seed cotton /boll, bold seed index (100 seed weight in g)		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Growth habit (Determinate/ indeterminate)	Indeterminate
2.	Days to flowering/Anthesis (Average)	Early
3.	Days to physiological maturity (Average)	150-160 days
4.	Seed rate Per ac	1.0 to 1.5 kg/ac
5.	Recommended nutrition / ac schedule to attain potential yield and time of application: Organic (Per ac) Inorganic(Per ac)	4-5 tons/ac 48:24:24 NPK kg/ac

6.	Spacing (cm.) requirements to attain potential yield: Row to Row Plant to Plant	Irrigated: 90 cm, Rainfed: 90cm Irrigated: 60cm, Rainfed: 45cm
7.	Soil requirement to attain potential yield	Medium to heavy black soil
8.	Plant protection measures to attain the potential yield	As per recommended by CICR, Nagpur
9.	Sowing window requirement to attain potential yield (Zone wise)	Central & South zone: May to June
10.	Number of irrigations required to attain potential yield	4 to 5 irrigation
11.	The best growing season to attain the potential yield (Zone wise)	Central & South zone: Kharif
12.	Cropping/ Climatic zone of India in which the varietal/ hybrid trials were conducted	Tested in Central & South zone
13.	Intercultural operations including training, pruning & nipping)	2-4 hoeing and 3-4 hand weeding

31. Application No.

N65	GH48	8	274
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 filed on 02.04.2008 by **Maharashtra Hybrid Seeds Company Limited, Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400020** for **New** variety of crop **Tetraploid Cotton** (*Gossypium hirsutum* L.) having denomination **C 5196** has been accepted and given registration number -----NA -----on ----- NA -----
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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 : C 5196
Applicant : Maharashtra Hybrid Seeds Company Limited
Address of the applicant : Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai-400020

Nationality of applicant : Indian

Application details

a. Number :

N65	GH48	8	274
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b. Date of receipt : 02.04.2008

c. Date of acceptance : --

Crop (taxonomical lineage) : Tetraploid Cotton (*Gossypium hirsutum* L.)

Denomination : C 5196

Type of variety : New

Classification of variety : Other (Inbred Parent Line)

Previously proposed

Denomination : Not applicable

Name of parental material : C 011 x C012

Source of parental material : Own germplasm
 Name of reference varieties : MCU 11, MCU 3, MCU 8

Variety description:

A. Grouping Characteristics		Remarks (measured values)
Leaf : Shape (Characteristic 8)		Palmate
Flower : Petal colour (Characteristic 15)		Cream
Flower : Pollen colour (Characteristic 19)		Cream
Boll : Shape (Characteristic 23)		Ovate
Fibre : Length (Characteristic 33)		Extra long
B. Distinct Characteristic of candidate variety:		
C 5196 has distinguishing character as extra long fibre length, very bold seed index (100 seed weight in g)		
C. Distinct Characteristic of reference varieties:		
MCU11, MCU3, and MCU8 have distinguishing character as long fibre length, bold seed index (100 seed weight in g)		
D. Date of commercialization of the variety		26.05.2005
E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Growth habit (Determinate/ indeterminate)	Indeterminate
2.	Days to flowering/Anthesis (Average)	Medium
3.	Days to physiological maturity (Average)	160-170 days
4.	Seed rate Per ac	1.0 to 1.5 kg
5.	Recommended nutrition / ac schedule to attain potential yield and time of application Organic (Per ac) Inorganic(Per ac)	4-5 tons/ac 48:24:24 NPK kg/ac
6.	Spacing (cm.) requirements to attain potential yield: Row to Row Plant to Plant	Irrigated: 90 cm, Rainfed: 90cm Irrigated: 60cm, Rainfed: 45cm
7.	Soil requirement to attain potential yield	Medium to heavy black soil
8.	Plant protection measures to attain the potential yield	As recommended by CICR, Nagpur
9.	Sowing window requirement to attain potential yield (Zone wise)	Central & South zone: May to June
10.	Number of irrigations required to attain potential yield	4 -5 irrigation
11.	The best growing season to attain the potential yield (Zone wise)	Central & South zone: Kharif
12.	Cropping/ Climatic zone of India in which the varietal/ hybrid trials were conducted	Tested in Central & South zone

13.	Intercultural operations (including training, pruning & nipping)	2-4 hoeing and 3-4 hand weeding
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32. Application No.

E22	GH45	14	828
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 filed on 01.04.2014 by **Solar Agrotech Pvt. Ltd., "Shyam", 3-Milpara, B/h Royal Complex, RAJKOT-360002** for **Extant (VCK)** variety of crop **Tetraploid Cotton (*Gossypium hirsutum* L.)** having denomination **SARJU 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 : SARJU BGII
Applicant : Solar Agrotech Pvt. Ltd.
Address of the applicant : Shyam", 3-Milpara, B/h Royal Complex, RAJKOT-360002
Nationality of applicant : Indian
Application details
a. Number :

E22	GH45	14	828
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b. Date of receipt : 01.04.2014
c. Date of acceptance : --
Crop (taxonomical lineage) : Tetraploid Cotton (*Gossypium hirsutum* L.)
Denomination : SARJU BGII
Type of variety : Extant (VCK)
Classification of variety : Transgenic (Inbreed Parental Line)
Previously proposed
Denomination : Not applicable
Name of parental material : 101 BG x 8832 BGII
Source of parental material : Own germplasm
Name of reference varieties : Kanchana

Variety description:

A. Grouping Characteristics	Remarks (measured values)
Leaf : Shape (Characteristic 8)	Palmate
Flower : Petal colour (Characteristic 15)	Yellow
Flower : Pollen colour (Characteristic 19)	Cream
Boll : Shape (Characteristic 23)	Ovate
Fibre : Length (Characteristic 33)	Long
B. Distinct characteristics of candidate variety: SARJU BGII has distinguishing character as open ball opening, high ginning%	
C. Distinct characteristics of reference varieties: Kanchana has distinguishing character as semi-open ball opening, medium ginning%	
D. Date of commercialization of the variety	08.05.2009

E. Agronomic & Commercial attributes		
S. No.	Attributes	Details
1.	Recommended nutrition / ac schedule to attain potential yield and time of application Organic (Per ac) Inorganic (Per ac)	4 ton/ha 32:16:16 NPK kg/ac for rainfed 48:24:24 NPK kg/ac for irrigated
2.	The best growing season to attain the potential yield (Zone wise)	Kharif
3.	Cropping/ Climatic zone of India in which the varietal/ hybrid trials were conducted	Central & South zone
4.	Recommended spacing	90 x 90 cm or 90 x 75 cm in rainfed condition while 120 x 60 or 120 x 75 cm for under irrigated condition

33. Application No.

E11	OS98	18	321
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 filed on 09.05.2018 by **Assam Agricultural University, Jorhat-785013** for **Extant (Notified)** of crop **Rice (*Oryza sativa* L.)** having denomination **Rongkhang** 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 : Rongkhang
Applicant : Assam Agricultural University
Address of the applicant : Assam Agricultural University, Jorhat-785013
Nationality : Indian

Application details

a. Number :

E11	OS98	18	321
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b. Date of receipt : 09.05.2018
c. Date of acceptance :
Crop (taxonomical lineage) : Rice (*Oryza sativa* L.)
Denomination : Rongkhang
Type of variety : Extant (Notified)
Classification of variety : Typical
Previously proposed :
Denomination : Not Applicable
Name of parental material : Maibi x IR 64
Source of parental material : Own germplasm, IR 64 Public Domain
Name of reference varieties : Maibi
Notification details : Notification no. S.O. 2805 (E), dated: 25.08.2017

Variety Description:

A. Grouping characteristics		Remark (measured values)
Basal leaf: sheath colour(Characteristics 2)		Green
Time of heading (50% of plant 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)		White
Endosperm: content of amylose (Characteristics 59)		Medium
Decorticated grain: aroma (Characteristics 62)		Absent
B. Distinct characteristics of candidate variety: Rongkhang has distinguishing character as tall plant height, early maturity group		
C. Distinct characteristics of reference varieties: Maibi has distinguishing character as very tall plant height, medium maturity group		
D. Date of commercialization of the variety		09.02.2015
E. Agronomic & Commercial attributes		
S. No	Attributes	Details
1.	Plant height	130-140 (Tall)
2.	1000 Grain weight	24.0 g
3.	Kernel Length	4.7 mm
4.	Kernel Breadth	2.4 mm
5.	L/B Ratio	1.95
6.	Resistance to lodging: Sensitive/ Tolerant	Moderately tolerant to lodging
7.	Seed yield q/ac (average)	13.13 q/ac

34. Application No.

N19	OS375	14	512
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 filed on 04.03.2014 by **Pan Seeds Pvt. Ltd., 69A Satish Mukherjee Road, Kolkata-700026** for **New** variety of crop **Rice (*Oryza sativa* L.)** having denomination **PAN-5034** 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 : PAN-5034
Applicant : Pan Seeds Pvt. Ltd.

Address of the applicant : 69A Satish Mukherjee Road, Kolkata-700026

Nationality : Indian

Application details

a. Number :

N19	OS375	14	512
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b. Date of receipt : 04.03.2014

c. Date of acceptance :

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

Denomination : PAN-5034

Type of variety : New

Classification of variety : Typical

Previously proposed

Denomination : Not Applicable

Name of parental material : Shatabdi (IET 4789) x SWADESH

Source of parental material : Own germplasm

Name of reference varieties : NDR 359, BAS 386

Variety Description:

A. Grouping Characteristics		Remark (measured values)
Basal leaf: sheath colour(Characteristics 2)		Green
Time of heading (50% of plant with panicles)(Characteristics 20)		Early
Stem length:(excluding panicles)(Characteristics 29)		Very short
Decorticated grain: length (Characteristics 54)		Long
Decorticated grain: shape (in lateral view) (Characteristics 56)		Long slender
Decorticated grain: colour (Characteristics 57)		Light brown
Endosperm: content of amylose (Characteristics 59)		High
Decorticated grain: aroma (Characteristics 62)		Absent
B. Distinct characteristics of candidate variety: PAN-5034 has distinguishing characters as erect to semi-erect panicle attitude of branches.		
C. Distinct characteristics of reference varieties: NDR 359 has distinguishing character as semi-erect to spreading panicle attitude of branches. BAS 386 has distinguishing character as spreading panicle attitude of branches.		
D. Date of commercialization of the variety		26.05.2008
E. Agronomic & Commercial attributes		
S. No	Agronomic & Commercial attributes	Details
1.	Days to flowering/Anthesis (Average)	82 days
2.	Days to maturity (early/medium/late)	Early
3.	Production condition: suitable area in the country	November-December
4.	Irrigated/ Rainfed	Irrigated
5.	Seed lustre	Absent
6.	Seed colour	White
7.	Seed weight (100 seed weight in gm)	1.9-2.1gm

8.	Grain yield per/ ac (q/ac)	22-24 q/ac
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35. Application No.

N32	OS460	16	1706
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 filed on 06.10.2016 by **Nirmal Seeds Pvt. Ltd., PO Box-63, Bhadgaon Road, Pachora-424201, Dist- Jalgaon** for **New** variety of crop **Rice (*Oryza sativa* L.)** having denomination **NPR-52** 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 : NPR-52
Applicant : Nirmal Seeds Pvt. Ltd.
Address of the applicant : PO Box-63, Bhadgaon Road, Pachora- 424201, Dist- Jalgaon, Maharashtra
Nationality : Indian

Application details

N32	OS460	16	1706
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a. Number :
b. Date of receipt : 06.10.2016
c. Date of acceptance :
Crop (taxonomical lineage) : Rice (*Oryza sativa* L.)
Denomination : NPR-52
Type of variety : New
Classification of variety : Typical
Previously proposed Denomination : Not Applicable
Name of parental material : NPR-3 x NPR-27
Source of parental material : Own germplasm
Name of reference varieties : Vivek dhan 62, RCM 5

Variety Description:

A. Grouping characteristics	Remark (measured values)
Basal leaf: sheath colour (Characteristics 2)	Green
Time of heading (50% of plant 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)	Long slender
Decorticated grain: colour (Characteristics 57)	White
Endosperm: content of amylose (Characteristics 59)	Medium
Decorticated grain: aroma (Characteristics 62)	Absent

B. Distinct characteristics of candidate variety:		
NPR-52 has distinguishing characters as leaf anthocyanin colouration is absent, spikelet colour of tip of lemma yellowish		
C. Distinct characteristics of reference varieties:		
Vivek dhan 62 has distinguishing character as leaf anthocyanin colouration is present, spikelet colour of tip of lemma white		
RCM 5 has distinguishing character as leaf anthocyanin colouration is present, spikelet colour of tip of lemma purple		
D. Date of commercialization of the variety		-
E. Agronomic & Commercial attributes		
S. No	Agronomic attributes	Details
1.	Days to flowering/Anthesis (Average)	100-105 days
2.	Days to physical maturity	130-135 days
3.	Production condition: Suitable area in the country	Kharif & Rabi
4.	Seed rate per/ac	10-12 kg/ac
5.	Row to Row cm	20 cm
6.	Plant to Plant cm	15 cm
7.	Organic (kg/ac)	4-5 t/ac
8.	Inorganic (kg/ac)	40:25:25 NPK kg/ac
S. No	Commercial attributes	Details
1.	Panicle length	27-29 cm
2.	Number of productive tiller	18-20 per/pl.
3.	Test weight (gm)	27-30
4.	Grain yield	20-22 q/ac