



सत्यमेव जयते

भारत सरकार  
GOVERNMENT OF INDIA

# भारतीय पौधा किस्म जर्नल

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## PLANT VARIETY JOURNAL OF INDIA



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



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GOVERNMENT OF INDIA

भारतीय पौधा किस्म जरनल, खण्ड 14, अंक 02  
फरवरी 03, 2020 / षीषिर-शुक्ल-09, शक् 1941

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**Plant Variety Journal of India, Vol. 14, No. 02**  
**February 03, 2020 / Shishir-Shukla-09, Saka 1941**



पौधा किस्म और कृषक अधिकार संरक्षण प्राधिकरण  
एनएएससी काम्प्लैक्स, डीपीएस मार्ग, निकट टोडापुर गांव, नई दिल्ली-110 012.

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

‘भारतीय पौधा किस्म जर्नल’ पौधा किस्म और कृषक अधिकार संरक्षण प्राधिकरण (पौ.कि.कृ.अ.सं.प्रा.) का आधिकारिक जर्नल है। पीपीवी और एफआर अधिनियम, 2001 तथा पीपीवी और एफआर नियमावली, 2003 के नियम 2 (जी) के अंतर्गत अध्यक्ष, पीपीवी और एफआरए, एनएएससी काम्प्लैक्स (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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**Total Seed Sent for DUS/GOT to DUS Centres  
in the month Jan 2020**

Crop	Category		
	New	Extant (VCK)	Total
Muskmelon	1		1
Ridge Gourd	4		4
Water Melon		4	4
Cucumber		3	3
<b>Total</b>	<b>5</b>	<b>7</b>	<b>12</b>

**Parents of hybrids sent for Hybridization to Shivamogga in the month Jan 2020**

Crop	Category	
	Extant (VCK)	Total
Water Melon	4	4
Chilli	1	1
<b>Total</b>	<b>5</b>	<b>5</b>

**PUBLIC NOTICE**  
**(1 of 2020)**

**Sub:- Mode of Producing and Selling Seed of Registered Variety by the Registered Breeder, through Authorised Person, Agent and Licensee as per Section 28 of PPV&FR Act, 2001 (Sec 28 read with Rule 45)**

The mode of producing and selling seeds of registered variety by the registered breeder through authorised person, agent and licensee as per Section 28 of PPV&FR Act, 2001.

<b>Who produces the seed of the Registered Variety ?</b>	<b>How is the seed produced ?</b>	<b>How is the seed is sold to farmers?</b>
Registered Breeder	Breeder directly multiplies, produces, distributes and sells	To be sold as product of the Registered Breeder with the registered denomination with REG No. prominently on the label along with the trade mark/name, if any, under prior information with the Authority
Authorised Seed Producer/s	Registered Breeder authorises farmers to produce or multiply the seed on a buy back arrangement or sell on their behalf	To be sold as product of the Registered Breeder only with the Registered denomination with REG No. prominently on the label along with the trade mark/name, if any, under prior information with the Authority
Agent/s of Registered Breeder	Registered Breeder appoints an agent or agents with permission to license to other companies to multiply the seed directly or produce through authorised seed production farmers and sell	To be sold as a product of each licensee company under licensee's own trade mark, trade name or other similar indication as agreed upon with the Registered Breeder/Agent but prominently showing the denomination of the variety as registered with its REG No. on the label



Licensee/s registered by the Agent of the Registered Breeder or by the Registered Breeder	Registered Breeder grants to licensee or licensees, the right to multiply the seed directly or produce through the registered seed producer farmers and sell	To be sold as a product of each licensee company with its own licensee's own trade mark, trade name or other similar indication as agreed upon but prominently showing the denomination of the variety as registered with its REG No. on the label
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As per Section 28 read with Rule 45, the registration for title as agent or licensee can be made in PV-9 accompanied with a fees of Rs.15,000/- (Rupees fifteen thousand only) either by way of cash or DD or bank draft or multi-city cheque in favour of " PPV&FR Authority". The application for title by an agent or licensee shall be accompanied by three attested copies of Form 1A of PPV&FR Regulations, 2006 or instrument of entitlement or any other documentary evidence.

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

**OFFICE ORDER**

**Sub:** Extension of tenure of the “Extant Variety Recommendation Committee” at PPV&FRA, New Delhi.

**Ref. 1:** F.No. PPV&FRA/Reg-I/03-06/2010, dated 26<sup>th</sup> December, 2016

**Ref. 2:** F.No. PPV&FRA/Reg-I/03-06/2010/618, dated 18<sup>th</sup> June, 2018

The Protection of Plant Varieties & Farmers’ Rights Authority, Department of Agriculture, Cooperation & Farmers Welfare, Ministry of Agriculture & Farmers Welfare, Government of India, New Delhi had constituted an “Extant Variety Recommendation Committee” under the Chairmanship of Dr. H.S. Gupta, Fmr. Director, IARI on 11/11/2016 in accordance with Regulation 6 of PPV&FR Regulation, 2006 to examine and recommend the proposals for registration of Extant varieties for 3 years. Accordingly, the said committee completed the tenure on 11/11/2019.

The new “Extant Variety Recommendation Committee” has to be constituted and approved during Authority meeting. Since, non-official members of the Authority are yet to be nominated by Central Government; the Authority meeting may get delayed.

After the 34<sup>th</sup> EVRC meeting held on 2<sup>nd</sup> August, 2019, Authority has received many applications for registration under Extant notified category and immediate action needs to be taken on the applications as the protection period starts from the date of Gazette notification.

In this regard, the Competent Authority has taken a decision to extend the tenure of the existing “Extant Variety Recommendation Committee” until further orders. Hence, it is kindly requested to Chairman and all the members to continue to serve in the “Extant Variety Recommendation Committee” at PPV&FR Authority, New Delhi.

The composition of the committee as follows:

1.	<b>Dr. H.S.Gupta</b> (Former Director, IARI), Kalypso Court Tower No. 3, Unit- 1601 Jaypee Wish Town: Sector- 128, NOIDA- 201304, UP Email: hsgupta.53@gmail.com Mob. 09654494989	Chairman
2.	<b>Joint Secretary (Seeds) or his nominee</b> Department of Agriculture, Cooperation and farmer welfare, Ministry of Agriculture & Farmers Welfare, Govt. of India, Krishi Bhawan, New Delhi – 110114 Email: ashwani.hub@nic.in Phone: 011-23382937	Member
3.	<b>Dr. Premjit Singh</b>	Member

	Vice-Chancellor Central Agriculture University (CAU), Iroisemba, Imphal, Manipur-795004 Email: vcofficecau@yahoo.in Mob. 9436890421	
4.	<b>Dr. K.P.Viswanatha</b> Vice-Chancellor Mahatma Phule Krishi Vidyapeeth, (MPKV) Ahmednagar, Rahuri, Maharashtra- 413722 Email: kpviswanatha.1955@gmail.com M. 9423034400	Member
5.	<b>Dr. D.K. Yadava</b> Head, Division of Seed Science & Technology, ICAR- Indian Agricultural Research Institute , New Delhi- 110012 Email: dkygenet@gmail.com, dkyadav@iari.res.in Mob. 9868537641	Member
6.	<b>Dr. P.K.Sharma</b> Fmr. Vice-Chancellor, SKUAST, Jammu Aima, P.O. Palampur, District Kangra- 176061, HP Email: psharma3007@gmail.com M. 9797388333	Member
7.	<b>Dr.V. Ravindra Babu</b> (Ex. Director, IIRR) House No. 1-8-65/1, Padma Nilayam, Temple Alwal, Alwal Railway Station Road, Secunderabad,Telangana- 500010 Email: rbvemuri1955@rediffmail.com Mob .9440880366	Member
8.	<b>Shri Bhaskar Rao</b> CMD, Kaveri Seeds, # 513, 5 <sup>th</sup> Floor, Minerva Complex, S.D Road, Secunderbad- 500003, Telangana Email: stsbrs@gmail.com, gubhaskarrao@gmail.com Mob. 9848023934	Member
9.	<b>Dr. T. Sadashiv</b> Fmr. Head, Division of Vegetables, ICAR- Indian Institute of Horticultural Research, Hessaraghatta, Bengaluru-560089 Email: atsbrs@gmail.com Mob. 9845097472	Member
10.	<b>Mr. Santosh Patil</b> Sonyal, Talukjath Distt. Sangli- 416413 Maharashtra, Email: sspatilsonyal@gmail.com	Member

	Mob. 9765315757, 9421185353	
11.	<b>Dr. T.K.Nagarathna</b> Registrar of PPV&FRA Email: tk.nagarathna@gov.in Mob. 9999663448	Member- Secretary

The terms and reference of the committee shall continue as per the previous office orders mentioned in the reference.

This issues with the approval of Competent Authority.

**Sd/-**  
**(T.K. Nagarathna)**  
**Registrar**

**Distribution:**

To Chairman and all the Members of the EVRC

**Copy to:-**

1. Chairperson, PPV&FRA
2. Registrars
3. Admin/Finance Section
4. Guard file in Registrar Office

## **PUBLIC NOTICE**

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

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

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

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

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

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

1. Application No. 

N42	ZM106	14	2091
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 filed on 30.09.2014 by **Pioneer Overseas Corporation, V-Ascendas, Atria Block, 12<sup>th</sup> Floor, Madhapur, Hyderabad-500081** for **New** variety of crop **Maize (*Zea mays* L.)** having denomination **PH1N06** 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** : PH1N06  
**Applicant** : Pioneer Overseas Corporation,  
**Address of the applicant** : V-Ascendas, Atria Block, 12<sup>th</sup> Floor, Madhapur,  
Hyderabad-500081.

Nationality of applicant : USA

**Application details**

a. Number : 

N42	ZM106	14	2091
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b. Date of receipt : 30.09.2014  
c. Date of acceptance : --  
Crop (taxonomical lineage) : Maize (*Zea mays* L.)  
Denomination : PH1N06  
Type of variety : New  
Classification of variety : Typical  
Previously proposed :  
Denomination : Not applicable  
Name of parental material : PHJHA x PHD1A  
Source of parental material : Own germplasm  
Name of reference varieties : V 345, HKI 163

**Variety description:**

<b>A. Grouping characteristics</b>	<b>Remarks (measured values)</b>
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)	Medium
Ear: Type of grain (Characteristic 22)	Flint
<b>B. Distinct characteristics of candidate variety:</b>	

<b>PH1N06</b> has distinguishing character as flint ear type of grain (in middle third of ear)		
<b>C. Distinct characteristics of reference varieties:</b>		
<b>V 345</b> has distinguishing character as dent ear type of grain (in middle third of ear)		
<b>HKI 163</b> has distinguishing character as semi flint ear type of grain (in middle third of ear)		
<b>D. Date of commercialization of the variety</b>		Not commercialized
<b>E. Agronomic &amp; Commercial attributes</b>		
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	PH1N06 =NLFBLT –MT (Moderately Tolerant); SLFBLT–MT (Moderately Tolerant); FUSROT-MT (Moderately Tolerant); LTEWLT-R (Resistant)
5.	Zone wise yield potential (q/ac) (average)	NOT APPLICABLE. The Candidate variety is classified as “TYPICAL VARIETY” in 6(a) of form 1 (Regulation 10). It is an inbred and not recommended for cultivation
6.	Seed yield /ac (average)	10-12 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.

2. Application No. 

N68	ZM141	15	2078
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 filed on 17.12.2015 by **Pioneer Overseas Corporation, V-Ascendas, Atria Block, 12<sup>th</sup> Floor, Madhapur, Hyderabad-500081** for New variety of crop **Maize (*Zea mays* L.)** having denomination **PH2A6G** 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** : PH2A6G  
**Applicant** : Pioneer Overseas Corporation,  
**Address of the applicant** : V-Ascendas, Atria Block, 12<sup>th</sup> Floor,

Madhapur, Hyderabad-500081

Nationality of applicant

: USA

**Application details**

a. Number

: N68	ZM141	15	2078
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b. Date of receipt

: 17.12.2015

c. Date of acceptance

: --

Crop (taxonomical lineage)

: Maize (*Zea mays* L.)

Denomination

: PH2A6G

Type of variety

: New

Classification of variety

: Typical

Previously proposed

Denomination

: Not applicable

Name of parental material

: PHHJC X PHRRC

Source of parental material

: Own germplasm

Name of reference varieties

: HKI 163, HKI 193-1, HKI 161, BML 7

**Variety description:**

<b>A. Grouping characteristics</b>		<b>Remarks (measured values)</b>
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)		Short
Ear: Type of grain (Characteristic 22)		Flint
<b>B. Distinct characteristics of candidate variety:</b>		
PH2A6G has distinguishing characters as ear anthocyanin colouration of silks present, ear anthocyanin colouration of glumes of cob dark purple		
<b>C. Distinct characteristics of reference varieties:</b>		
HKI 163 and HKI 193-1 have distinguishing characters as ear anthocyanin colouration of silks absent, ear anthocyanin colouration of glumes of cob white		
HKI 161 and BML 7 have distinguishing character as ear anthocyanin colouration of silks present, ear anthocyanin colouration of glumes of cob white		
<b>D. Date of commercialization of the variety</b>		Not commercialized
<b>E. Agronomic &amp; Commercial attributes</b>		
<b>S. No.</b>	<b>Attributes</b>	<b>Details</b>
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	<b>PH2A6G</b> =NLFBLT –MT (Moderately Tolerant); SLFBLT–MT (Moderately Tolerant); FUSROT-T (Tolerant); LTEWLT-R (Resistant)
5.	Zone wise yield potential (q/ac) (average)	NOT APPLICABLE. The Candidate variety is classified as “TYPICAL VARIETY” in 6(a) of form 1 (Regulation 10). It is an inbred and not recommended for cultivation
6.	Seed yield /ac (average)	14-16 q/ac
7.	Thousand grain weight (g)	Large (>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.

3. Application No. 

N74	ZM147	15	2093
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 filed on 31.12.2015 by **Pioneer Overseas Corporation, V-Ascendas, Atria Block, 12<sup>th</sup> Floor, Madhapur, Hyderabad-500081** for New variety of crop **Maize (*Zea mays* L.)** having denomination **PH2B00** 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** : PH2B00  
**Applicant** : Pioneer Overseas Corporation,  
**Address of the applicant** : V-Ascendas, Atria Block, 12<sup>th</sup> Floor,  
Madhapur, Hyderabad-500081.

Nationality of applicant : USA

**Application details**

a. Number : 

N74	ZM147	15	2093
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b. Date of receipt : 31.12.2015  
c. Date of acceptance : --  
Crop (taxonomical lineage) : Maize (*Zea mays* L.)  
Denomination : PH2B00  
Type of variety : New  
Classification of variety : Typical  
Previously proposed :  
Denomination : Not applicable  
Name of parental material : PHY1G x PHY10  
Source of parental material : Own germplasm  
Name of reference varieties : HKI 163, BML 7, HKI 1105

**Variety description:**

<b>A. Grouping characteristics</b>		<b>Remarks (measured values)</b>
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)		Short
Ear: Type of grain (Characteristic 22)		Flint
<b>B. Distinct characteristics of candidate variety:</b> PH2B00 has distinguishing character as tassel anthocyanin colouration of glumes excluding base (in middle third of main axis) present.		
<b>C. Distinct characteristics of reference varieties:</b> HKI 163, BML 7 and HKI 1105 have distinguishing character as tassel anthocyanin colouration of glumes excluding base (in middle third of main axis) absent.		
<b>D. Date of commercialization of the variety</b>		Not commercialized
<b>E. Agronomic &amp; Commercial attributes</b>		
<b>S. No.</b>	<b>Attributes</b>	<b>Details</b>
1.	Days to flowering/anthesis (Early/Late)	Medium (50-55 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	PH2B00 =NLFBLT –MT (Moderately Tolerant); SLFBLT–T (Tolerant); FUSROT-T (Tolerant); LTEWLT-R (Resistant)
5.	Zone wise yield potential (q/ac) (average)	NOT APPLICABLE. The candidate variety is classified as “TYPICAL VARIETY” in 6(a) of form 1 (Regulation 10). It is an inbred and not recommended for cultivation
6.	Seed yield /q (average)	6-8 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. 

N28	ZM69	16	728
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 filed on 20.06.2016 by **Pioneer Overseas Corporation, V-Ascendas, Atria Block, 12<sup>th</sup> Floor, Madhapur, Hyderabad-500081** for

New variety of crop **Maize (*Zea mays* L.)** having denomination **PH1DVA** 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** : PH1DVA  
**Applicant** : Pioneer Overseas Corporation,  
**Address of the applicant** : V-Ascendas, Atria Block, 12<sup>th</sup> Floor,  
 Madhapur, Hyderabad-500081,  
 Nationality of applicant : USA  
**Application details**  
 a. Number : 

N28	ZM69	16	728
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 b. Date of receipt : 20.06.2016  
 c. Date of acceptance : --  
 Crop (taxonomical lineage) : Maize (*Zea mays* L.)  
 Denomination : PH1DVA  
 Type of variety : New  
 Classification of variety : Typical  
 Previously proposed  
 Denomination : Not applicable  
 Name of parental material : PH9TH x PHRRE  
 Source of parental material : Own germplasm  
 Name of reference varieties : HKI 161, HKI 163, HKI 193-1

**Variety description:**

<b>A. Grouping characteristics</b>	<b>Remarks (measured values)</b>
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)	Short
Ear: Type of grain (Characteristic 22)	Flint
<b>B. Distinct characteristics of candidate variety:</b> PH1DVA has distinguishing character as cylindrical ear shape	
<b>C. Distinct characteristics of reference varieties:</b> HKI 161, HKI 163, HKI 193-1 have distinguishing character as conico-cylindrical ear shape	
<b>D. Date of commercialization of the variety</b>	Not commercialized
<b>E. Agronomic &amp; Commercial attributes</b>	

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.	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	PH1DVA =NLFBLT –T (Tolerant); SLFBLT–MT (Moderately Tolerant); FUSROT-T (Tolerant); LTEWLT-R (Resistant)
5.	Zone wise yield potential (q/ac) (average)	NOT APPLICABLE. The candidate variety is classified as “TYPICAL VARIETY” in 6 (a) of form 1 (Regulation 10). It is an inbred and not recommended for cultivation
6.	Seed yield /q (average)	10-12 q/ac
7.	Thousand grain weight (g)	Medium (200-300 g)
8.	Any other measures to achieve the potential yield	Maintain spacing (60x20cm), timely follow standard package of practices for maize cultivation in India.

5. Application No. 

E1	LU1	18	123
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 filed on 21.03.2018 by **Orissa University of Agriculture & Technology, Siripur, Bhubaneswar-751003** for **Extant (Notified)** variety of crop **Linseed** (*Linum usitatissimum* L.) having denomination **Arpita** 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** : Arpita  
**Applicant** : Orissa University of Agriculture & Technology  
**Address of the applicant** : Siripur, Bhubaneswar-751003  
Nationality of applicant : Indian

**Application details**

a. Number : 

E1	LU1	18	123
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b. Date of receipt : 21.03.2018  
c. Date of acceptance : --  
Crop (taxonomical lineage) : Linseed (*Linum usitatissimum* L.)

Denomination	: Arpita
Type of variety	: Extant
Classification of variety	: Typical
Previously proposed	: Not applicable
Denomination	
Name of parental material	: RLC 29 X R 1871
Source of parental material	: Own germplasm
Name of reference varieties	: Sharda, Indira Alsi 32
Notification details	: Notification No. S.O. 3540 (E), dated: 22.11.2016

### Variety description:

A. Grouping characteristics		Remarks (measured values)
Flower : Size of corolla (Characteristic 2)		Medium
Flower : Shape of flower (Characteristic 3)		Disk
Flower : Colour of corolla (Characteristic 4)		Blue
Plant: Height (Characteristic 10)		Medium
Seed: Colour (Characteristic 13)		Light brown
<b>B. Distinct characteristics of candidate variety:</b>		
<p><b>Arpita</b> has distinguishing characters as medium plant height, time of flowering medium, weight of 1000 seeds (g) medium, blue colour flower and disk shape flower.</p>		
<b>C. Distinct characteristics of reference varieties:</b>		
<p><b>Sharda</b> has distinguishing characters as dwarf plants, time of flowering early, weight of 1000 seeds (g) high, white colour flower and star shape flower.</p>		
<p><b>Indira Alsi 32</b> has distinguishing characters as dwarf plants, time of flowering medium, weight of 1000 seeds (g) medium, blue colour flower and disk shape flower.</p>		
<b>D. Date of commercialization of the variety</b>		8.11.2016
<b>E. Agronomic &amp; Commercial attributes</b>		
S. No.	Attributes	Remarks
1.	Days to Maturity: Early/ Medium/ Late/Very late	Early (104 days)
2.	Production condition: Suitability area in the country : Irrigated/ Rainfed	Odisha, Maharashtra, Chhattisgarh, Karnataka and AP during Rabi season. Suitable for rainfed and irrigated conditions.
3.	Recommended nutrition, q/ac schedule to attain potential yield and time of application:	Highly responsive to fertilizer.
4.	Resistance/ Tolerance to pest/s	Resistant to wilt, powdery mildew, moderately resistant to bud fly and <i>Alternaria blight</i> .
5.	Seed yield (Average) q/ac	3.4 q/ac
6.	Seed: weight (1000 seed weight in g)	6.54 g
7.	Seed: coat colour	Light brown
8.	Seed: oil content (%)	35.67 %

6. Application No. 

E2	PG2	19	73
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 filed on 06.05.2019 by **Bayer Crop Science LP, 2 T.W. Alexander Driver, Research Triangle Park NC 27709, USA** for **Extant (Notified)** variety of crop **Pearl millet (*Pennisetum glaucum* (L.) R. Br.)** having denomination **PB1705** 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** : PB1705  
**Applicant** : Bayer Crop Science LP  
**Address of the applicant** : 2 T.W. Alexander Driver, Research Triangle Park NC 27709, USA

Nationality of applicant : USA

**Application details**

a. Number : 

E2	PG2	19	73
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b. Date of receipt : 06.05.2019  
c. Date of acceptance : --

Crop (taxonomical lineage) : Pearl millet (*Pennisetum glaucum* (L.) R. Br.)  
Denomination : PB1705  
Type of variety : Extant (Notified)  
Classification of variety : Hybrid  
Previously proposed : Not applicable  
Denomination :  
Name of parental material : PSP 83 x PSP 84 x PP 78  
Source of parental material : Developed at Bayer Bioscience Private Limited  
Name of reference varieties : MH1928 (XMT1497)  
Notification details : Notification no. S.O. 1379 (E), dated: 27.03.2018

**Variety description:**

A. Grouping characteristics	Remarks (measured values)	
	Hybrid	A-line (PSP 83)
Plant: Time of spike emergence (Characteristic 3)	Early (43-46 days)	Medium (47-50)
Anther: Colour (Characteristic 9)	-	-
Plant: Height (Characteristic 22)	Tall (201-250)	Short (101-150)
Spike: Shape (Characteristic 23)	Cylindrical	Conical
Seed: Colour (Characteristic 26)	Grey	Grey
Seed: Shape(Characteristic 27)	Globular	Globular
<b>B. Distinct characteristic of candidate variety:</b> <b>PB1750:</b> has distinguishing characters as early plant time of spike emergence, yellow spike anther colour, globular seed shape.		

<b>C. Distinct characteristic of reference variety:</b> MH1928 (XMT1497) has distinguishing characters as very early plant time of spike emergence, purple spike anther colour, hexagonal seed shape.		
<b>D. Date of commercialization of the variety</b>		27.03.2018
<b>E. Agronomic &amp; Commercial attributes of Hybrid</b>		
<b>S.No.</b>	<b>Attributes</b>	<b>Details of Hybrid (PB1705)</b>
1.	Days to maturity: Early/Medium/Late	Medium (78-80 Days)
2.	Days to flowering / Anthesis (Average)	49 days
3.	Production condition: Suitability area in the country  : Time of sowing : Irrigated/ Rainfed  : Low fertility/High fertility of soil	Rajasthan, Gujarat, Haryana, Punjab, Delhi, Madhya Pradesh and Uttar Pradesh  Last week of June to 2 <sup>nd</sup> week of July Rainfed; but sufficient moisture at tillering, flowering and grain filling stage is required Low and high fertility Soil
4.	Tolerance to disease & pests	Resistant to downey mildew, Blast, Rust, Smut and Ergot. Tolerant to shoot fly and stem borer
5.	Tolerance to adverse temperature/frost/heat & salinity	Drought tolerant
6.	Grain characters Physical: a) Kernal size (cm) b) Seed lustre (Present/Absent) c) Seed colour	- - Grey
7.	Zone wise yield potential (Average) per ac (q/ac)	22-24 q/ac
8.	Seed yield q/ha (Average)	-
9.	Seed: weight (100 seed weight in g)	Bold (10.1-12.5)
10.	Any other relevant information specific to the variety/hybrid to attain potential yield	It is suited for low to medium rainfall (rainfed condition). It shall be sown on time and sufficient moisture during tillering, flowering and growing stage is required. Plant protection and intercultural operation measures shall to be adopted as applicable
<b>E. Agronomic attributes of Parent 1</b>		
<b>S.No.</b>	<b>Attributes</b>	<b>Details of A-line (PSP 83)</b>
1.	Days to maturity: Early/Medium/Late	Medium (77- 80 Days)
2.	Days to flowering / Anthesis (Average)	49 days

3.	Production condition: Suitability area in the country  : Time of sowing : Irrigated/ Rainfed  : Low fertility/High fertility of soil	Since it is a parent so not recommended for commercial production by farmers. But, breeders is doing production in South India (Telangana) Last week of June to 2 <sup>nd</sup> week of July Rainfed: but sufficient moisture at tillering, flowering and grain filling stage is required Low and high fertility of soil
4.	Tolerance to disease & pests	Tolerant to downey mildew, blast. Tolerant to shoot fly and stem borer
5.	Tolerance to adverse temperature/frost/heat & salinity	Drought tolerant and Lodging tolerant
6.	Any other relevant information specific to the variety/hybrid to attain potential yield	Since it is a parent so not recommended for commercial production by farmers. Being a parent, it shall be planted in isolation for foundation and certified seed production. (A:B Ratio 4:1)

\* The parental lines, PSP 84 (B line) and PP 78 (R line) under pre grant opposition

7. Application No. 

E1	PG1	19	72
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 filed on 06.05.2019 by **Bayer Crop Science LP, 2 T.W. Alexander Driver, Research Triangle Park NC 27709, USA** for **Extant (Notified)** variety of crop **Pearl millet** (*Pennisetum glaucum* (L.) R. Br.) having denomination **PB1720** 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** : PB1720  
**Applicant** : Bayer Crop Science LP  
**Address of the applicant** : 2 T.W. Alexander Driver, Research Triangle Park NC 27709, USA

Nationality of applicant : USA

**Application details**

a. Number : 

E1	PG1	19	72
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b. Date of receipt : 06.05.2019  
c. Date of acceptance : --

Crop (taxonomical lineage) : Pearl millet (*Pennisetum glaucum* (L.) R. Br.)

Denomination : PB1720

Type of variety : Extant (Notified)

Classification of variety : Hybrid

Previously proposed : Not applicable

Denomination

Name of parental material : PSP 93 x PSP 94 x PP106



Source of parental material : Developed at Bayer Bioscience Private Limited  
 Name of reference varieties : MH1928 (XMT1497)  
 Notification details : Notification no. S.O. 6318 (E), dated: 26.12.2018

**Variety description:**

<b>A. Grouping characteristics</b>		<b>Remarks (measured values)</b>	
		<b>Hybrid</b>	<b>A-line (PSP 93)</b>
Plant: Time of spike emergence (Characteristic 3)		Early (43-46 days)	Medium (47-50)
Anther: Colour (Characteristic 9)		Yellow	Purple
Plant: Height (Characteristic 22)		Tall (201-250)	Short (101-150)
Spike: Shape (Characteristic 23)		Cylindrical	Conical
Seed: Colour (Characteristic 26)		Deep Grey	Deep grey
Seed: Shape (Characteristic 27)		Obovate	Globular
<b>B. Distinct characteristic of candidate variety:</b> <b>PB1720:</b> has distinguishing characters as early plant time of spike emergence, yellow spike anther colour, deep grey spike anther colour, obovate seed shape.			
<b>C. Distinct characteristic of reference variety:</b> <b>MH1928 (XMT1497)</b> has distinguishing characters as very early plant time of spike emergence, purple spike anther colour, grey spike anther colour, hexagonal seed shape.			
<b>D. Date of commercialization of the variety</b>		26.12.2018	
<b>E. Agronomic &amp; Commercial attributes of Hybrid</b>			
<b>S.No.</b>	<b>Attributes</b>	<b>Details of Hybrid (PB1720)</b>	
1.	Days to maturity: Early/Medium/Late	Medium (81days)	
2.	Days to flowering / Anthesis (Average)	50days	
3.	Production condition: Suitability area in the country : Time of sowing : Irrigated/ Rainfed : Low fertility/High fertility of soil	Rajasthan, Gujarat, Haryana, Punjab, Delhi, Madhya Pradesh and Uttar Pradesh Last week of June to 2 <sup>nd</sup> week of July Rainfed Low and high fertility Soil	
4.	Tolerance to disease & pests	Resistant to downy mildew, blast, rust, smut and ergot. Tolerant to shoot fly and stem borer	
5.	Tolerance to adverse temperature/frost/heat & salinity	Drought tolerant	
6.	Grain characters Physical: a) Kernel size (cm) b) Seed lustre (Present/Absent) c) Seed colour	- - Deep grey	

7.	Zone wise yield potential (Average) per acre (q/ac)	Zone A: 21-23 q/ac
8.	Seed yield q/ha (Average)	-
9.	Seed: weight (100 seed weight in g)	Bold (10.1-12.5 g)
10.	Any other relevant information specific to the variety/hybrid to attain potential yield	It notified for AICRP Zone A Medium segment. It shall be sown on time and sufficient moisture during tillering, flowering and growing stage is required. Plant protection and intercultural operation measured shall to be adopted as applicable

#### **Agronomic & Commercial attributes of Parent-1**

<b>S.No.</b>	<b>Attributes</b>	<b>Details of A-line (PSP 93)</b>
1.	Days to maturity: Early/Medium/Late	Late (82days)
2.	Days to flowering / Anthesis (Average)	52 days
3.	Production condition: Suitability Area in the country  : Time of sowing : Irrigated/ Rainfed  : Low fertility/High fertility of soil	Since it is a parent so not recommended for commercial production by farmers. But, breeders are doing production in South India (Telangana). Last week of June to 2 <sup>nd</sup> week of July Rainfed; but sufficient moisture at tillering, flowering and grain filling stage is required Low and high fertility Soil
4.	Tolerance to disease & pests	Resistant to downey mildew, blast. Tolerant to shoot fly and stem borer
5.	Tolerance to adverse temperature/frost/heat & salinity	Drought tolerant, Lodging tolerant
6.	Any other relevant information specific to the variety/hybrid to attain potential yield	Since it is a parent so not recommended for commercial production by farmers. Being a parent, it shall be planted in isolation for foundation and certified seed production. (A:B Ratio 4:1)

\* The parental lines, PSP 94 (B line) and PP 106 (R line) under pre grant opposition

8. Application No. 

E2	PG7	18	112
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 d on 13.03.2018 by **Maharashtra State Seeds Corporation Ltd., Akola, Mahabeej Bhavan, Krishi Nagar, Akola, (M.S)** for **Extant (Notified)** variety of crop **Pearl millet (*Pennisetum glaucum* (L.) R. Br.)** having denomination **Mahabeej-1005 (MH-1852)** 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** : Mahabeej-1005 (MH-1852)  
**Applicant** : Maharashtra State Seeds Corporation Ltd  
**Address of the applicant** : Akola, Mahabeej Bhavan, Krishi Nagar, Akola, (M.S)  
**Nationality of applicant** : India  
**Application details**  
a. Number : 

E2	PG7	18	112
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b. Date of receipt : 13.03.2018  
c. Date of acceptance : --  
**Crop (taxonomical lineage)** : Pearl millet (*Pennisetum glaucum* (L.) R. Br.)  
**Denomination** : Mahabeej-1005 (MH-1852)  
**Type of variety** : Extant (Notified)  
**Classification of variety** : Hybrid  
**Previously proposed** : Not applicable  
**Denomination**  
**Name of parental material** : MBJ-2A x MBJ-2B x MBJ-1R  
**Source of parental material** : MBJ-2A developed through back cross breeding using MBJ-2B as recurrent parent and A1 cytoplasm source received from ICRISAT, Hyderabad while MBJ-1R developed by crossing MBJ-16R and MBJ-34B and further selection through segregating population.  
**Name of reference varieties** : GHB-558 (MH-946)  
**Notification details** : Notification no. S.O.2805 (E), dated: 25.08.2017

**Variety description:**

A. Grouping characteristics	Remarks (measured values)			
	Hybrid Mahabeej-1005 (MH-1852)	A-line (MBJ-2A)	B-line (MBJ-2B)	R-line (MBJ-1R)
Plant: Time of spike emergence (Characteristic 3)	Medium	Medium (47-50 days)	Medium (47-50 days)	Medium (47-48 days)
Anther: Colour (Characteristic 9)	-	Yellow	-	Yellow
Plant: Height (Characteristic 22)	Medium (151-200 cm)	Very short (<101 cm)	Very short (<101 cm)	Medium (151-200 cm)
Spike: Shape (Characteristic 23)	-	Conical	Conical	Conical
Seed: Colour (Characteristic 26)	Grey	Grey	Grey	Grey
Seed: Shape (Characteristic 27)	Globular	Globular	Globular	Globular
<b>B. Distinct characteristic of candidate variety:</b> <b>Mahabeej -1005 (MH-1852):</b> has distinguishing characters as plant node pubescence absent, complete spike exertion, semi-compact spike density.				

<b>C. Distinct characteristic of reference variety:</b>		
<b>GHB-558 (MH-946):</b> has distinguishing characters as plant node pubescence present, partial spike exertion, compact spike density.		
<b>D. Date of commercialization of the variety:</b>		-
<b>E. Agronomic &amp; Commercial attributes of Hybrid</b>		
<b>S.No.</b>	<b>Attributes</b>	<b>Details of Hybrid (Mahabeej -1005 (MH-1852))</b>
1.	Days to maturity: Early/Medium/Late	Medium (72-82 Days)
2.	Production condition: Suitability area in the country : Time of sowing : Irrigated/ Rainfed : Low fertility/High fertility of soil	Suitable for cultivation during kharif season in Maharashtra Kharif season June-July with the onset of monsoon Rainfed Medium fertility of soil
3.	Tolerance to disease & pests	Tolerance to major disease & pest
4.	Tolerance to adverse temperature/frost/heat & salinity	-
5.	Grain characters Physical: a) Kernal size (cm) b) Seed lustre (Present/Absent) c) Seed colour	23.0 - 24.4 cm Present Grey
6.	Zone wise yield potential (Average) per acre (q/ac)	Zone (B) 13.57 q/ac Maharashtra State 11.45 q/ac
7.	Seed yield q/ha (Average)	26.64 - 33.93 q/ha
8.	Seed: weight (100 seed weight in g)	1.22 - 1.25 g
9.	Any other relevant information specific to the variety/hybrid to attain potential yield	Fe- 62 ppm, Zn-37ppm
<b>Agronomic attributes of Parent-1</b>		
<b>S.No.</b>	<b>Attributes</b>	<b>Details of A-line (MBJ-2A)</b>
1.	Days to maturity: Early/Medium/Late	Medium
2.	Days to flowering / Anthesis (Average)	Medium (47-50 days)
3.	Production condition: Suitability area in the country : Time of sowing : Irrigated/ Rainfed : Low fertility/High fertility of soil	Maharashtra June-July with onset of monsoon Rainfed Medium fertility of soil

4.	Tolerance to disease & pests	Tolerance to major disease & pest
5.	Tolerance to adverse temperature/frost/heat & salinity	-
6.	Any other relevant information specific to the variety/hybrid to attain potential yield	-
<b>Agronomic attributes of Parent-2</b>		
	<b>Attributes</b>	<b>Details of B-line (MBJ-2B)</b>
1.	Days to maturity: Early/Medium/Late	Medium
2.	Days to flowering / Anthesis (Average)	Medium (47-50 days)
3.	Production condition: Suitability area in the country : Time of sowing : Irrigated/ Rainfed : Low fertility/High fertility of soil	Maharashtra  June-July with onset of monsoon Rainfed Medium fertility of soil
4.	Tolerance to disease & pests	Tolerance to major disease & pest
5.	Tolerance to adverse temperature/frost/heat & salinity	-
6.	Any other relevant information specific to the variety/hybrid to attain potential yield	-
<b>Agronomic attributes of Parent-3</b>		
	<b>Attributes</b>	<b>Details of R-line (MBJ-1R)</b>
1.	Days to maturity: Early/Medium/Late	Medium
2.	Days to flowering / Anthesis (Average)	Medium (47-48 days)
3.	Production condition: Suitability area in the country : Time of sowing : Irrigated/ Rainfed : Low fertility/High fertility of soil	Maharashtra  June-July with onset of monsoon Rainfed Medium fertility Soil
4.	Tolerance to disease & pests	Tolerance to major disease & pest
5.	Tolerance to adverse temperature/frost/heat & salinity	-
6.	Any other relevant information specific to the variety/hybrid to attain potential yield	-

9. Application No. 

F23	LC23	14	2144
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 filed on 30.10.2014 by **Shri Kamal Devi Rai** **R/O Village: Baruna, Post: Shivpur, Dist: Rohtas, State: Bihar** for **Farmer** variety of crop **Lentil** (*Lens culinaris* Medik ) having denomination **Chhutki Masuri-K** has been accepted and given registration number -----NA -----on ----- NA -----.

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

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

**Passport data of the variety** : Chhutki Masuri-K  
**Applicant** : Shri Kamal Devi Rai  
**Address of the applicant** : R/O Village: Baruna, Post: Shivpur, Dist: Rohtas, State: Bihar

Nationality of applicant : Indian

**Application details**

a. Number : 

F23	LC23	14	2144
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b. Date of receipt : 30.10.2014  
c. Date of acceptance : --  
Crop (taxonomical lineage) : Lentil (*Lens culinaris* Medik)  
Denomination : Chhutki Masuri-K  
Type of variety : Farmer  
Classification of variety : Typical  
Previously proposed : Not applicable  
Denomination :  
Name of reference varieties : DPL-15, PL 5

**Variety description:**

A. Grouping characteristics	Remarks (measured values)
Stem : Anthocyanin colouration (Characteristic 2)	Present
Time of flowering (Characteristic 3)	Early
Leaf: Pubescence (Characteristic 4)	Present
Flower: colour of standard (Characteristic 7)	Violet
Seed: Size (Characteristic 10)	Small (<2.0g)
Seed: Testa colour (Characteristic11)	Brown
<b>B. Distinct characteristics of candidate variety:</b> <b>Chhutki Masuri-K</b> has distinguishing character as stem anthocyanin colouration present, semi-erect (30-600) plant growth habit, small (< 2.0g) seed size (weight of 100 seeds).	
<b>C. Distinct characteristics of reference varieties:</b> <b>DPL-15</b> has distinguishing characters as stem anthocyanin colouration present, erect (<300) plant growth habit, medium (2.0-2.5g) seed size (weight of 100 seeds). <b>PL 5</b> has distinguishing characters as stem anthocyanin colouration absent, horizontal (<600) plant growth habit, medium (2.0-2.5g) seed size (weight of 100 seeds)	

<b>D. Date of commercialization of the variety</b>		-
<b>E. Agronomic &amp; Commercial attributes</b>		
<b>S.No.</b>	<b>Attributes</b>	<b>Details</b>
1.	Days to maturity: Early/Medium/Late	Medium (90.95 Days)
2.	Production condition: Suitability area in the country : Time of sowing : Irrigated/ Rainfed : Low fertility/High fertility of soil	Bihar, Jharkhand, Eastern U.P. and West Bengal  1 <sup>st</sup> to 30 <sup>th</sup> Nov (Rabi) Rainfed Both
3.	Tolerance to adverse temperature/ frost/ & heat – sensitive/ tolerant	Frost and heat tolerant
4.	Resistance/ Tolerance to pest(s)	Wilt resistance and tolerant to insect and pest infestation, suitable for para cropping
5.	The best growing season to attain the potential yield zone wise	Rabi season (15-20 q/ha)
6.	Number of pods per plant (Average)	45 (2-3 grain/pod)
7.	Zone wise yield potential (average) per ac (q/ac)	6-8 q/ac in Bihar
8.	Seed yield q/ac (average)	6-8 q/ac
9.	Any other relevant information specific to the variety/hybrid	High water use efficiency

10. Application No. 

N32	LL95	13	1032
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 29.11.2013 by **DCM Shriram Limited, 5<sup>th</sup> Floor Kanchenjunga Building, 18 Barakhamba Road, New Delhi-110001** for New variety of crop **Tomato (*Solanum lycopersicum* L.)** having denomination **BIO DS 192** has been accepted and given registration number -----NA -----on ----- NA -----.

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

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

**Passport data of the variety** : BIO DS 192  
**Applicant** : DCM Shriram Limited,  
**Address of the applicant** : 5<sup>th</sup> Floor Kanchenjunga Building, 18 Barakhamba Road,  
New Delhi-110001

Nationality of applicant : Indian

**Application details**

a. Number : 

N32	LL95	13	1032
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b. Date of receipt : 29.11.2013  
c. Date of acceptance : --  
Crop (taxonomical lineage) : Tomato (*Solanum lycopersicum* L.)  
Denomination : BIO DS 192  
Type of variety : New

Classification of variety : Other (Inbred Line)  
 Previously proposed : Not applicable  
 Denomination  
 Name of parental material : BRI TO 243 x BRI TO 126  
 Source of parental material : Own germplasm  
 Name of reference varieties : Arka Abha, Laxmi

**Variety description:**

<b>A. Grouping characteristics</b>		<b>Remarks (measured values)</b>
Plant : Growth type (Characteristic 3)		Determinate
Leaf : Serration (Characteristic 12)		Less serrated
Fruit : Green shoulder (before maturity) (Characteristic 29)		Absent
Fruit : Shape in longitudinal section (Characteristic 33)		Obovoid
Fruit : Colour at maturity (Characteristic 43)		Red
<b>B. Distinct characteristics of candidate variety:</b> DIO DS 192 has distinguishing character as dark fruit intensity of green colour (before maturity), obovoid fruit shape in longitudinal section.		
<b>C. Distinct characteristics of reference varieties:</b> Arka Abha has distinguishing characters as medium fruit intensity of green colour (before maturity), circular fruit shape in longitudinal section. Laxmi has distinguishing characters as light fruit intensity of green colour (before maturity), flattened fruit shape in longitudinal section.		
<b>D. Date of commercialization of the variety</b>		-
<b>E. Agronomic &amp; Commercial attributes</b>		
<b>S.No.</b>	<b>Attributes</b>	<b>Details</b>
1.	Days to maturity: Early/Medium/Late	Early
2.	Production condition: Suitability area in the Country : Time of sowing : Irrigated/Rainfed : Low fertility/High fertility of Soil	June to January Irrigated High fertile soil
3.	Tolerance to adverse temperature/frost/ & heat-sensitive/ tolerance	High tolerance to heat
4.	Tolerance to water stagnation: Sensitive/ Tolerant	Sensitive to water stagnation
5.	Resistance/Tolerance to pest/s	Moderately Tolerant to TyLCV
6.	Staking & pruning practices	Staking is required
7.	Winter – spring cropping seasons type	Kharif and Rabi
8.	Fruit yield q/ ha	272 q/ac



9.	Fruit yield/plant (kg/ha)(average)	3.4 kg/pl
10.	Fruit quality and fruit firmness	Dark red fruits with very good firmness
11.	Fruit picking schedule	Once in 3 days
12.	Transport potential (Days)	4 days
13.	Unique selling propositions and optimal shelf-life (Days)	8 days
14.	Any other relevant information specific to the variety/hybrid	Early maturing with good heat sel.

11. Application No. 

F2	LC2	15	112
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 filed on 19.01.2015 by **Mohd. Akbar Khan and Group, Khangund TRAL, Panchayat Aripal, Dist: Pulwama** for **Famers** variety of crop **Lentil** (*Lens culinaris* Medik) having denomination **KASHUR MUSUR** 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** : KASHUR MUSUR  
**Applicant** : Mohd. Akbar Khan and Group  
**Address of the applicant** : Khangund TRAL, Panchayat Aripal, Dist: Pulwama  
Nationality of applicant : Indian  
**Application details**  
a. Number : 

F2	LC2	15	112
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b. Date of receipt : 19.01.2015  
c. Date of acceptance : --  
Crop (taxonomical lineage) : Lentil (*Lens culinaris* Medik)  
Denomination : KASHUR MUSUR  
Type of variety : Famers  
Classification of variety : Typical  
Previously proposed : Not applicable  
Denomination :  
Name of reference varieties : DPL-15 and DPL-62

#### Variety description:

A. Grouping characteristics	Remarks (measured values)
Stem: Anthocyanin colouration (Characteristic 2)	Present
Time of flowering (Characteristic 3)	Medium (60-80 days)
Leaf: Pubescence (Characteristic 4)	Present
Flower: Colour of standard (Characteristic 7)	Violet
Seed: Size (Characteristic 10 )	Small (<2.0)

Seed: Testa colour (Characteristic 11)		Grey
<b>B. Distinct characteristics of candidate variety:</b> <b>Kashur Musur</b> has distinguishing character as light foliage intensity of green colour.		
<b>C. Distinct characteristics of reference varieties:</b> <b>DPL-15</b> has distinguishing character as medium foliage intensity of green colour. <b>DPL-62</b> has distinguishing character as dark foliage intensity of green colour.		
<b>D. Date of commercialization of the variety</b>		-
<b>E. Agronomic &amp; Commercial attributes</b>		
S.No.	Attributes	Details
1.	Days to maturity: early/medium/late	180-200 (early)
2.	Production condition: suitability area in the country :Time of sowing :Irrigated/rainfed :Low fertility/high fertility of soil	2 <sup>nd</sup> fortnight of October to 1 <sup>st</sup> fortnight of November Rainfed Both low/high fertility of soil
3.	Tolerance to adverse temperature/frost/heat & salinity	Resistant to frost
4.	Resistance/Tolerance to pest/s	Resistant to root rot and leaf spot
5.	The best growing season to attain the potential yield (zonewise)	Suitable time for growing is 2 <sup>nd</sup> fortnight of October to 1 <sup>st</sup> fortnight of November in all zones Kashmir valley
6.	Number of pods per plant (average)	150-170
7.	Zone wise yield potential (Average) per ac (q/ac)	2.80 q/ac
8.	Seed yield q/ac (average)	2.4 - 2.8 q/ac
9.	Any other relevant information specific to the variety/hybrid (Low/Medium /High Water Use Efficiency type)	Sensitive to high temperature/ humidity, 20-23% protein content, bold grain size, 3-4 no. of seed/pods (average)

12. Application No. 

F123	OS160	13	615
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 d on 14.10.2013 by Loko **Farmer's Club Village Laxmicharra, P.O.: Laxmicharra, South Tripura-799144** for **Farmer** variety of crop **Rice (*Oryza sativa* L.)** having denomination **MAIMI TATSA** has been accepted and given registration number-----NA -----on ----- NA -----.

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

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is Office of the Registrar, PPV&FR Authority, New Delhi-110012.

**Passport data of the variety** : MAIMI TATSA

**Applicant** : Loko Farmer's Club  
**Address of the applicant** : Chief Coordinator-Biswajit Reang, Village Laxmicharra,  
P.O.: Laxmicharra, South Tripura-799144  
Nationality of applicant : Indian  
**Application detail**  
Number : 

F123	OS160	13	615
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Date of receipt : 14.10.2013  
Date of acceptance : -  
Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)  
Denomination : MAIMI TATSA  
Type of variety : Farmer  
Classification of variety : Typical  
Previously proposed  
Denomination : Not applicable  
Name of reference varieties : Aghuni Bora

**Variety Description:**

<b>A. Grouping characteristics</b>		<b>Remark (measured values)</b>
Basal leaf: Sheath colour (Characteristics 2)		Green
Time of heading (50% of plants with panicles) (Characteristics 20)		Early
Stem: Length excluding panicles (Characteristics 29)		Very short
Decorticated grain: Length (Characteristics 54)		Medium
Decorticated grain: Shape (in lateral view) (Characteristics 56)		Medium slender
Decorticated grain: Colour (Characteristics 57)		White
Endosperm: Content of amylose (Characteristics 59)		Very low
Decorticated grain: Aroma (Characteristics 62)		Absent
<b>B. Distinct characteristics of candidate variety:</b> MAIMI TATSA has distinguishing character as weak panicle attitude of branches, erect leaf pubescence of blade surface.		
<b>C. Distinct characteristics of reference varieties:</b> Aghuni Bora has distinguishing character as semi-erect panicle attitude of branches, strong leaf pubescence of blade surface.		
<b>D. Agronomic &amp; Commercial attributes</b>		
<b>S. No.</b>	<b>Agronomic attributes</b>	<b>Details</b>
1.	Day to maturity ( Early/ Medium/ Late)	Medium duration

2.	Production condition: suitable area in country Time of sowing Irrigated/Rain-fed Low fertility/High fertility of soil	Upland ( hilly area) April-May Rain-fed Low fertility of soils
3.	Tolerance to adverse temperature / frost/ heat/salinity	Full tolerance to temperature, frost and heat
<b>S. No.</b>	<b>Commercial attributes</b>	<b>Details</b>
1.	Kernel size	1cm
2.	Seed luster ( Present/ Absent)	Present
3.	Seed colour	Off white
4.	Grain yield kg/ac	600 kg/ac

13. Application No. 

F124	OS161	13	616
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 filed on 14.10.2013 by Loko Farmer's Club Chief Coordinator-Biswajit Reang, Village Laxmicharra, P.O.: Laxmicharra, South Tripura-799144 for Farmer variety of crop Rice (*Oryza sativa* L.) having denomination GARU has been accepted and given registration number-----NA -----on ----- NA -----.

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

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is Office of the Registrar, PPV&FR Authority, New Delhi-110012.

**Passport data of the variety** : GARU  
**Applicant** : Loko Farmer's Club  
**Address of the applicant** : Chief Coordinator-Biswajit Reang, Village Laxmicharra, P.O.: Laxmicharra, South Tripura -799144  
Nationality of applicant : Indian  
**Application detail**  
Number : 

F124	OS161	13	616
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Date of receipt : 14.10.2013  
Date of acceptance : -  
Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)  
Denomination : GARU  
Type of variety : Farmer  
Classification of variety : Typical  
Previously proposed :  
Denomination : Not applicable  
Name of reference varieties : KETEKI JOHA

**Variety description:**

<b>A. Grouping characteristics</b>	<b>Remark (measured values)</b>
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Basal leaf: Sheath colour (Characteristics 2)	Green	
Time of heading (50% of plants with panicles) (Characteristics 20)	Medium	
Stem: Length excluding panicles (Characteristics 29)	Medium	
Decorticated grain: Length (Characteristics 54)	Narrow	
Decorticated grain: Shape (in lateral view) (Characteristics 56)	Short bold	
Decorticated grain: Colour (Characteristics 57)	White	
Endosperm: Content of amylose (Characteristics 59)	Low	
Decorticated grain: Aroma (Characteristics 62)	Present	
<b>B. Distinct characteristics of candidate variety:</b> GARU has distinguishing character as broad decorticated grain width.		
<b>C. Distinct characteristics of reference varieties:</b> KETEKI JOHA has distinguishing character as narrow broad decorticated grain width		
<b>D. Agronomic &amp; Commercial attributes</b>		
<b>S. No.</b>	<b>Agronomic attributes</b>	<b>Details</b>
1.	Day to maturity ( Early/ Medium/ Late)	Medium
2.	Production condition: suitable area in country :  :Time of sowing :Irrigated/Rain-fed :Low fertility/High fertility of soil	Upland ( hilly area)  April-May Rainfed Low fertility of soil
3.	Tolerance to adverse temperature / frost/ heat/salinity	Full tolerance to temperature, frost and heat
<b>S. No.</b>	<b>Commercial attributes</b>	<b>Details</b>
1.	Kernel size	1cm
2.	Seed luster ( Present/ Absent)	Present
3.	Seed colour	Off white
4.	Grain yield kg/ac	600 kg/ac

14. Application No. 

F126	OS16	13	618
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 filed on 14.10.2013 by Loko **Farmer's Club Chief Coordinator-Biswajit Reang, Village Laxmicharra, P.O.: Laxmicharra, South Tripura-799144** for **Farmer** variety of crop **Rice** (*Oryza sativa* L.) having denomination **SALUMA** has been accepted and given registration number-----NA -----on ----- NA -----.

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

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is Office of the Registrar, PPV&FR Authority, New Delhi-110012.

**Passport data of the variety** : SALUMA  
**Applicant** : Loko Farmer's Club  
**Address of the applicant** : Chief Coordinator-Biswajit Reang, Village Laxmicharra,  
P.O.: Laxmicharra, South Tripura-799144  
Nationality of applicant : Indian  
**Application detail**  
Number : 

F126	OS163	13	618
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Date of receipt : 14.10.2013  
Date of acceptance : -  
Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)  
Denomination : SALUMA  
Type of variety : Farmer  
Classification of variety : Typical  
Previously proposed  
Denomination : Not applicable  
Name of reference varieties : BAHADUR

**Variety description:**

<b>A. Grouping characteristics</b>		<b>Remark (measured values)</b>
Basal leaf: Sheath colour (Characteristics 2)		Green
Time of heading (50% of plants with panicles) (Characteristics 20)		Medium
Stem: Length excluding panicles (Characteristics 29)		Very short
Decorticated grain: Length (Characteristics 54)		Long
Decorticated grain: Shape (in lateral view) (Characteristics 56)		Long bold
Decorticated grain: Colour (Characteristics 57)		White
Endosperm: Content of amylose (Characteristics 59)		Low
Decorticated grain: Aroma (Characteristics 62)		Absent
<b>B. Distinct characteristics of candidate variety:</b> <b>SALUMA</b> has distinguishing characters as very short stem length (excluding panicle excluding floating rice), erect panicle attitude of branches		
<b>C. Distinct characteristics of reference varieties:</b> <b>BAHADUR</b> has distinguishing characters as short stem length (excluding panicle; excluding floating rice), erect to semi-erect panicle attitude of branches.		
<b>D. Agronomic &amp; Commercial attributes</b>		
<b>S. No.</b>	<b>Agronomic attributes</b>	<b>Details</b>

1.	Day to maturity ( Early/ Medium/ Late)	Medium
2.	Production condition: suitable area in country :Time of sowing :Irrigated/Rain-fed :Low fertility/High fertility of soil	Upland (hilly area) April-May Rain-fed Low fertility of soils
3.	Tolerance to adverse temperature / frost/ heat/salinity	Full tolerance to temperature, frost and heat
<b>S. No.</b>	<b>Commercial attributes</b>	<b>Details</b>
1.	Kernel size	1cm
2.	Seed luster ( Present/ Absent)	Present
3.	Seed colour	Off white
4.	Grain yield kg/ac	600 kg/ac

15. Application No. 

F132	OS169	13	624
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 on 14.10.2013 by **Loko Farmer's Club Chief Coordinator-Biswajit Reang, Village Laxmicharra, P.O.: Laxmicharra, South Tripura-799144** for **Farmer** variety of crop **Rice (*Oryza sativa* L.)** having denomination **BADIYA** has been accepted and given registration number-----NA-----on -----NA-----.

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

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is Office of the Registrar, PPV&FR Authority, New Delhi-110012.

**Passport data of the variety** : BADIYA  
**Applicant** : Loko Farmer's Club  
**Address of the applicant** : Chief Coordinator-Biswajit Reang, Village Laxmicharra, P.O.: Laxmicharra, South Tripura-799144  
Nationality of applicant : Indian  
**Application detail**  
Number : 

F132	OS169	13	624
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Date of receipt : 14.10.2013  
Date of acceptance : -  
Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)  
Denomination : BADIYA  
Type of variety : Farmer  
Classification of variety : Typical  
Previously proposed :  
Denomination : Not applicable  
Name of reference varieties : BAHADUR

**Variety description:**

<b>A. Grouping characteristics</b>		<b>Remark (measured values)</b>
Basal leaf: Sheath colour (Characteristics 2)		Green
Time of heading (50% of plants with panicles) (Characteristics 20)		Medium
Stem: Length excluding panicles (Characteristics 29)		Short
Decorticated grain: Length (Characteristics 54)		Long
Decorticated grain: Shape (in lateral view) (Characteristics 56)		Long bold
Decorticated grain: Colour (Characteristics 57)		White
Endosperm: Content of amylose (Characteristics 59)		Medium
Decorticated grain: Aroma (Characteristics 62)		Absent
<b>B. Distinct characteristics of candidate variety:</b> BADIYA has distinguishing characters as erect panicle attitude of branches, mostly exerted panicle excretion.		
<b>C. Distinct characteristics of reference varieties:</b> BAHADUR has distinguishing characters as erect to semi-erect panicle attitude of branches, well exerted panicle excretion.		
<b>D. Agronomic &amp; Commercial attributes</b>		
<b>S. No.</b>	<b>Agronomic attributes</b>	<b>Details</b>
1.	Day to maturity ( Early/ Medium/ Late)	Medium
2.	Production condition: suitable area in the country :Time of sowing :Irrigated/Rain-fed :Low fertility/High fertility	Upland ( hilly area) April-May Rainfed Low fertility of soils
3.	Tolerance to adverse temperature / frost/ heat/salinity	Full tolerance to temperature, frost and heat
<b>S. No.</b>	<b>Commercial attributes</b>	<b>Details</b>
1.	Kernel size	1 cm
2.	Seed luster ( Present/ Absent)	Present
3.	Seed colour	Brown
4.	Grain yield kg/ac	760 kg/ac

16. Application No. 

F148	OS185	13	643
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 d on 15.10.2013 by **Loko Farmer's Club Chief Coordinator-Biswajit Reang, Village Laxmicharra, P.O.: Laxmicharra, South Tripura-799144** for **Farmer** variety of crop **Rice (*Oryza sativa* L.)** having denomination **KAUFRU-KUPHUIMA** has been accepted and given registration number-----NA -----on -----  
----- NA -----.



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

Appropriate office for the opposition of proceeding under Rule 29, of the Protection of Plant Varieties and Farmers' Rights Rules, 2003 is Office of the Registrar, PPV&FR Authority, New Delhi-110012.

**Passport data of the variety** : KAUFRU- KUPHUIMA  
**Applicant** : Loko Farmer's Club  
**Address of the applicant** : Chief Coordinator-Biswajit Reang, Village Laxmicharra, P.O.: Laxmicharra, South Tripura -799144  
Nationality of applicant : Indian  
**Application detail**  
Number : 

F148	OS185	13	643
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Date of receipt : 15.10.2013  
Date of acceptance : -  
Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)  
Denomination : KAUFRU- KUPHUIMA  
Type of variety : Farmer  
Classification of variety : Typical  
Previously proposed :  
Denomination : Not applicable  
Name of reference varieties : RANJIT

**Variety description:**

<b>A. Grouping characteristics</b>	<b>Remark (measured values)</b>
Basal leaf: Sheath colour (Characteristics 2)	Green
Time of heading (50% of plants 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)	White
Endosperm: Content of amylose (Characteristics 59)	Low
Decorticated grain: Aroma (Characteristics 62)	Absent
<b>B. Distinct characteristics of candidate variety:</b> KAUFRU- KUPHUIMA has distinguishing characters as early time of heading (50% of plants with panicles), white spikelet colour of tip of lemma.	
<b>C. Distinct characteristics of reference varieties:</b> RANJIT has distinguishing characters as medium time of heading (50% of plants with panicles), yellowish spikelet colour of tip of lemma.	
<b>D. Agronomic &amp; Commercial attributes</b>	

S. No.	Agronomic attributes	Details
1.	Day to maturity ( Early/ Medium/ Late)	Medium
2.	Production condition: Suitable area in country :Time of sowing :Irrigated/Rain-fed :Low fertility/High fertility	Upland ( hilly area) April-May Rainfed Low fertility of soils
3.	Tolerance to adverse temperature / frost/ heat/salinity	Full tolerance to temperature, frost and heat
S. No.	Commercial attributes	Details
1.	Kernel size	1cm
2.	Seed luster ( Present/ Absent)	Present
3.	Seed colour	Light brown
4.	Grain yield kg/ac	760kg/ac

17. Application No. 

N13	OS299	14	356
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 filed on 18.02.2014 by **RJ Biotech Limited, Siddarth Arcade, Opposite M.T.D.C. Railway Station Road, Aurangabad-43100** for New variety of crop **Rice (*Oryza sativa* L.)** having denomination **REVATI+** 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** : REVATI+  
**Applicant** : RJ Biotech Limited.  
**Address of the applicant** : Siddarth Arcade, Opposite M.T.D.C. Railway Station Road, Aurangabad-43100  
Nationality : Indian  
**Application details**  
a. Number : 

N13	OS299	14	356
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b. Date of receipt : 18.02.2014  
c. Date of acceptance :  
Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)  
Denomination : REVATI+  
Type of variety : New  
Classification of variety : Typical  
Previously proposed Denomination : Not applicable  
Name of parental material : Samba Mahsuri / Kavya

Source of parental material : Own germplasm  
 Name of reference varieties : BPT 5204

**Variety description:**

<b>A. Grouping characteristics</b>		<b>Remark (measured values)</b>
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)		Short
Decorticated grain: shape (in lateral view) (Characteristics 56)		Medium slender
Decorticated grain: colour (Characteristics 57)		White
Endosperm: content of amylose(Characteristics 59)		Low
Decorticated grain: aroma (Characteristics 62)		Absent
<b>B. Distinct characteristics of candidate variety:</b>		
REVATI+ has distinguishing characters as medium time of heading 50% of plant with panicles, white decorticated grain colour, high gelatinization temperature through alkali spreading value.		
<b>C. Distinct characteristics of reference varieties:</b>		
BPT 5204 has distinguishing characters as late time of heading 50% of plant with panicles, light brown decorticated grain colour, medium gelatinization temperature through alkali spreading value.		
<b>D. Date of commercialization of the variety</b>		01.11.2013
<b>E. Agronomic &amp; Commercial attributes</b>		
	<b>Agronomic attributes</b>	<b>Details</b>
1.	Days to flowering	105-110 days
2.	Days to maturity	135-140 days
3.	Production condition :Suitable area in the country :Time of sowing :Irrigated/ rainfed	Telangana and parts of Karnataka 15 <sup>th</sup> June -05 <sup>th</sup> July in Kharif 15 <sup>th</sup> Nov-30 <sup>th</sup> Dec in Rabi Irrigated
4.	Tolerance to disease and pests	
	<b>Commercial attributes</b>	<b>Details</b>
1.	Kernel size	Medium slender
2.	Seed luster	Present
3.	Seed colour	White

4.	Grain yield kg/ac	11.5- 12.5 kg/ac
5.	Seed weight (100 seed weight)	1.6-1.8 g

18. Application No. 

N15	OS301	14	358
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 filed on 18.02.2014 by **RJ Biotech Limited, Siddarth Arcade, Opposite M.T.D.C. Railway Station Road, Aurangabad-43100** for New variety of crop **Rice (*Oryza sativa* L.)** having denomination **JANKI** 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** : JANKI  
**Applicant** : RJ Biotech Limited  
**Address of the applicant** : Siddarth Arcade, Opposite M.T.D.C. Railway Station Road, Aurangabad-43100  
Nationality : Indian

**Application details**

a. Number : 

N15	OS301	14	358
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b. Date of receipt : 18.02.2014  
c. Date of acceptance :

Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)  
Denomination : JANKI  
Type of variety : New  
Classification of variety : Typical  
Previously proposed  
Denomination : Not applicable  
Name of parental material : POLASA PRABHA (JGL 384) x CHITTI MUTYALU  
Source of parental material : Own germplasm  
Name of reference varieties : BPT 5204

**Variety description:**

<b>A. Grouping Characteristics</b>	<b>Remark (measured values)</b>
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 amylase (Characteristics 59)		Low
Decorticated grain: aroma (Characteristics 62)		Absent
<b>B. Distinct characteristics of candidate variety:</b> JANKI has distinguishing character as long slender decorticated grain shape (in lateral view)		
<b>C. Distinct characteristics of reference varieties:</b> BPT 5204 has distinguishing character as medium slender decorticated grain shape (in lateral view)		
<b>D. Date of commercialization of the variety</b>		1.11.2013
<b>E. Agronomic &amp; Commercial attributes</b>		
<b>S. No.</b>	<b>Agronomic attributes</b>	<b>Details</b>
1.	Days to flowering	90 days
2.	Days to maturity	120 days
3.	Production condition suitable area in the country :Time of sowing :Irrigated/ rainfed	Telangana and parts of Karnataka 20 <sup>th</sup> June -20 <sup>th</sup> July in Kharif & 20 <sup>th</sup> Nov-10 <sup>th</sup> Dec in Rabi Irrigated
	<b>Commercial attributes</b>	<b>Details</b>
6.	Kernel size	Long slender 6.7 mm length x 2.1 mm breadth
7.	Seed luster	Present
8.	Seed colour	White
9.	Grain yield kg/ac	11.5-12.5 kg/ac
10.	Seed weight ( 100 seed weight)	2.4-2.6 g

19. Application No. 

N12	OS170	15	441
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 filed on 25.03.2015 by **DCM Shriram Limited. 5<sup>th</sup> Floor Kanchenjunga Building, 18 Barakhamba Road, New Delhi-110001** for New variety of crop **Rice** (*Oryza sativa* L.) having denomination **HR411126R** 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** : HR411126R  
**Applicant** : DCM Shriram Limited.

**Address of the applicant** : 5<sup>th</sup> Floor Kanchenjunga Building, 18 Barakhamba Road,  
New Delhi-110001

Nationality : Indian

**Application details**

a. Number : 

N12	OS170	15	441
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b. Date of receipt : 25.03.2015

c. Date of acceptance :

Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)

Denomination : HR411126R

Type of variety : New

Classification of variety : Typical

Previously proposed

Denomination : Not applicable

Name of parental material : HR411120R x HR411123R

Source of parental material : Own germplasm

Name of reference varieties : SARJU 52, IR 64

**Variety description:**

<b>A. Grouping characteristics</b>	<b>Remark (measured values)</b>	
Basal leaf: sheath colour(Characteristics 2)	Green	
Time of heading (50% of plant with panicles) (Characteristics 20)	Late	
Stem length:(excluding panicles) (Characteristics 29)	Short	
Decorticated grain: length (Characteristics 54)	Long	
Decorticated grain: shape (in lateral view) (Characteristics 56)	Long slender	
Decorticated grain: colour (Characteristics 57)	Dark brown	
Endosperm: content of amylose (Characteristics 59)	Medium	
Decorticated grain: aroma (Characteristics 62)	Absent	
<b>B. Distinct characteristics of candidate variety:</b>		
HR411126R has distinguishing characters as medium leaf pubescence of blade surface, panicle awns present		
<b>C. Distinct characteristics of reference varieties:</b>		
SARJU 52 has distinguishing characters as very strong leaf pubescence of blade surface, panicle awns absent		
IR 64 has distinguishing character as weak leaf pubescence of blade surface, panicle awns absent		
<b>D. Date of commercialization of the variety</b>	-	
<b>E. Agronomic &amp; Commercial attributes</b>		
<b>S.No.</b>	<b>Agronomic attributes</b>	<b>Details</b>

1.	Suitable season of cultivation	Kharif
2.	Irrigation condition	Irrigated
3.	Recommended fertilizer dose kg/ac	40:24:24 NPK
4.	Recommended spacing	20 cm row- row 15 cm plant - plant
5.	No. of tillers/plants	Medium (8-10)
6.	Maturity	Medium (125-130 days )
7.	Yield kg/ac	2200 kg/ac
8.	Lodging tendency	Non lodging
9.	Reaction to pest and diseases	Field tolerance to leaf blast
	<b>Commercial attributes</b>	<b>Details</b>
1.	Grain type	Long slender
2.	Kernel length	6.63 mm
3.	Kernel breadth	1.90 mm
4.	L/B ratio	3.48
5.	Hulling recovery %	78.20
6.	Milling recovery %	72
7.	Head rice recovery %	60.25
8.	Amylose content %	Intermediate

20. Application No. 

N13	OS171	15	442
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 filed on 25.03.2015 by **DCM Shriram Limited, 5th Floor Kanchenjunga Building, 18 Barakhamba Road, New Delhi-110001** for New variety of crop **Rice (*Oryza sativa* L.)** having denomination **HR411128R** 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** : HR411128R  
**Applicant** : DCM Shriram Limited

**Address of the applicant** : 5th Floor Kanchenjunga Building, 18 Barakhamba Road, New Delhi-110001

Nationality : Indian

**Application details**

a. Number : 

N13	OS171	15	442
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b. Date of receipt : 25.03.2015

c. Date of acceptance :

Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)

Denomination : HR411128R

Type of variety : New

Classification of variety : Typical

Previously proposed

Denomination : Not applicable

Name of parental material : SN 960 x SN 432 R

Source of parental material : Own germplasm

Name of reference varieties : SARJU 52

**Variety description:**

<b>A. Grouping characteristics</b>	<b>Remark (measured values)</b>	
Basal leaf: sheath colour(Characteristics 2)	Green	
Time of heading (50% of plant with panicles)(Characteristics 20)	Late	
Stem length:(excluding panicles)(Characteristics 29)	Very Short	
Decorticated grain: length(Characteristics 54)	Long	
Decorticated grain: shape (in lateral view) (Characteristics 56)	Long bold	
Decorticated grain: colour (Characteristics 57)	Light brown	
Endosperm: content of amylose(Characteristics 59)	Medium	
Decorticated grain: aroma (Characteristics 62)	Absent	
<b>B. Distinct characteristics of candidate variety:</b> HR411128R has distinguishing character as panicle awns present		
<b>C. Distinct characteristics of reference varieties:</b> Sarju 52 has distinguishing character as panicle awns absent		
<b>D. Date of commercialization of the variety</b>	-	
<b>E. Agronomic &amp; Commercial attributes</b>		
<b>S.No.</b>	<b>Agronomic attributes</b>	<b>Details</b>
1.	Suitable season of cultivation	Kharif
2.	Irrigation condition	Irrigated



3.	Recommended fertilizer dose kg/acre	40:24:24 NPK
4.	Recommended space	20 cm row- row 15 cm plant - plant
5.	No. of tillers/plants	Medium (8-10)
6.	Maturity	Medium (115-120 days )
7.	Yield kg/ac	2200 kg/ac
8.	Lodging tendency	Non lodging
	<b>Commercial attributes</b>	<b>Details</b>
1.	Grain type	Long slender
2.	Kernel length	6.24mm
3.	Kernel breadth	1.89 mm
4.	L/B ratio	3.28
5.	Hulling recovery %	80.10
6.	Milling recovery %	70
7.	Head rice recovery %	53.42
8.	Amylose content %	Intermediate

21. Application No. 

N15	OS173	15	444
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 filed on 25.03.2015 by **DCM Shriram Limited. 5<sup>th</sup> Floor Kanchenjunga Building, 18 Barakhamba Road, New Delhi-110001** for New variety of crop **Rice (*Oryza sativa* L.)** having denomination **HR411129R** 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** : HR411129R

**Applicant** : DCM Shriram Limited.

**Address of the applicant** : 5<sup>th</sup> Floor Kanchenjunga Building, 18 Barakhamba Road, New Delhi-110001

Nationality : Indian

**Application details**

a. Number : 

N15	OS173	15	444
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b. Date of receipt : 25.03.2015

c. Date of acceptance :  
 Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)  
 Denomination : HR411129R  
 Type of variety : New variety  
 Classification of variety : Typical  
 Previously proposed  
 Denomination : Not applicable  
 Name of parental material : SN 918 R x SN 432 R  
 Source of parental material : Own germplasm  
 Name of reference varieties : SARJU 52

**Variety description:**

<b>A. Grouping characteristics</b>		<b>Remarks (measured values)</b>
Basal leaf: sheath colour(Characteristics 2)		Green
Time of heading (50% of plant with panicles)(Characteristics 20)		Late
Stem length:(excluding panicles)(Characteristics 29)		Very short
Decorticated grain: length(Characteristics 54)		Long
Decorticated grain: shape (in lateral view) (Characteristics 56)		Long bold
Decorticated grain: colour (Characteristics 57)		Light brown
Endosperm: content of amylose(Characteristics 59)		Medium
Decorticated grain: aroma (Characteristics 62)		Absent
<b>B. Distinct characteristics of candidate variety:</b> HR411129R has distinguishing character as panicle awns present		
<b>C. Distinct characteristics of reference varieties:</b> SARJU 52 has distinguishing character as panicle awns absent		
<b>D. Date of commercialization of the variety</b>		-
<b>E. Agronomic &amp; Commercial attributes</b>		
<b>S. No.</b>	<b>Agronomic attributes</b>	<b>Details</b>
1.	Suitable season of cultivation	Kharif
2.	Irrigation condition	Irrigated
3.	Recommended fertilizer dose kg/ac	40:24:24 NPK
4.	Recommended space	20 cm row- row 15 cm plant - plant
5.	No. of tillers/plants	Medium (6-8)

6.	Maturity	Medium (125)
7.	Yield kg/ac	2200 kg/ac
8.	Lodging tendency	Non lodging
	<b>Commercial attributes</b>	<b>Details</b>
1.	Grain type	Long slender
2.	Kernel length	6.53 mm
3.	Kernel breadth	1.99 mm
4.	L/B ratio	3.28
5.	Hulling recovery %	80.7
6.	Milling recovery %	72
7.	Head rice recovery %	58.31
8.	Amylose content %	Intermediate

22. Application No. 

E16	OS245	16	943
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 filed on 25.03.2015 by **Anand Agricultural University. The Director of Research and Dean P.G. Studies, AAU, Anand-388110, Ta & Dist: Anand** for Extant (Notified) variety of crop **Rice (*Oryza sativa* L.)** having denomination **Gujarat Anand Rice-2 (IET-21614)** 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** : Gujarat Anand Rice-2 (IET-21614)  
**Applicant** : Anand Agricultural University.  
**Address of the applicant** : The Director of Research and Dean P.G. Studies, AAU, Anand-388110, Ta & Dist: Anand  
Nationality : Indian  
**Application details**  
a. Number : 

E16	OS245	16	943
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b. Date of receipt : 25.03.2015  
c. Date of acceptance :  
Crop (Taxonomical Lineage) : Rice (*Oryza sativa* L.)  
Denomination : Gujarat Anand Rice-2 (IET-21614)  
Type of variety : Extant (Notified)

Classification of variety : Typical  
 Previously proposed :  
 Denomination : NA  
 Name of parental material : IET-10750(GURJARI) x IET-14714  
 Source of parental material : Own germplasm  
 Name of reference varieties : GR-4  
 Notification details : Notification no.S.O. 1708 (E), 28.01.2015

**Variety description:**

<b>A. Grouping characteristics</b>		<b>Remarks (measured values)</b>
Basal leaf: sheath colour(Characteristics 2)		Green
Time of heading (50% of plant with panicles)(Characteristics 20)		Early to Medium
Stem length:(excluding panicles)(Characteristics 29)		Medium
Decorticated grain: length(Characteristics 54)		Medium
Decorticated grain: shape (in lateral view) (Characteristics 56)		Medium slender
Decorticated grain: colour (Characteristics 57)		White
Endosperm: content of amylose(Characteristics 59)		Medium
Decorticated grain: aroma (Characteristics 62)		Absent
<b>B. Distinct characteristics of candidate variety:</b> Gujarat Anand Rice-2 (IET-21614) has distinguishing characters as medium seed length, medium slender seed type, long panicle length		
<b>C. Distinct characteristics of reference varieties:</b> GR-4 has distinguishing characters as short seed length, short slender seed type medium panicle length.		
<b>D. Date of commercialization of the variety</b>		19.09.2012
<b>E. Agronomic &amp; Commercial attributes</b>		
<b>S.No.</b>	<b>Attributes</b>	<b>Details</b>
1.	Plant height	110-125 cm
2.	Plant type	Erect
3.	Seed rate	10 kg/ac
4.	Fertilizer responsiveness	32:10: N.P kg/ac
5.	spacing	20 x 15 cm
6.	Time of planting & season	First fortnight of July in <i>Kharif</i> season

7.	Maturity days	118-124 days
8.	Grain yield kg/ac	1800- 2000 kg/ac
9.	Grain weight (1000 seed weight)	18.5-19.5 g
10.	Aroma	Absent

23. Application No. 

N7	GH53	14	911
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 filed on 15.04.2014 by **Rasi Seeds Pvt. Ltd., 174, Sathyamurthy Road, Ramnagar, Coimbatore-641009** for New variety of crop **Tetraploid Cotton** (*Gossypium hirsutum* L.) having denomination **RC468** 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** : RC468  
**Applicant** : Rasi Seeds Pvt. Ltd.  
**Address of the applicant** : 174, Sathyamurthy Road, Ramnagar, Coimbatore-641009.  
Nationality of applicant : Indian  
**Application details**  
a. Number : 

N7	GH53	14	911
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b. Date of receipt : 15.04.2014  
c. Date of acceptance : ---  
Crop (Taxonomical Lineage) : Tetraploid Cotton (*Gossypium hirsutum* L)  
Denomination : RC468  
Type of variety : New  
Classification of variety : Typical  
Previously proposed :  
Denomination : Not applicable  
Name of parental material : RC86 x (RC11 x RC63)  
Source of parental material : Own germplasm  
Name of reference varieties : MCU 12, MCU 5 VT

**Variety description:**

<b>A. Grouping characteristics</b>	<b>Remarks (measured values)</b>
Leaf : Shape (Characteristics 8)	Palmate (Normal)
Flower : Petal colour (Characteristics 15)	Cream
Flower :Pollen colour (Characteristics 19)	Cream
Boll: Shape (Characteristics 23)	Ovate
Fibre : Length (Characteristics 33)	Long
<b>B. Distinct characteristics of candidate variety:</b>	

<b>RC468</b> has distinguishing character as cream flower pollen colour.	
<b>C. Distinct Characteristics of Reference varieties:</b> MCU 12 and MCU 5 VT have distinguishing character as yellow flower pollen colour.	
<b>D. Date of commercialization of the variety</b>	18.03.2014

<b>E. Agronomic &amp; Commercial attributes</b>		
<b>S. No.</b>	<b>Agronomic attributes</b>	<b>Remarks</b>
1.	Growth habit (determinate/ Indeterminate)	Indeterminate
2.	Day to flowering/ Anthesis (Average)	50-60 days
3.	Day to maturity (Average)	160 days
4.	Seed rate	900-1200 gm /ac
5.	Fertilizer dose kg/ac Organic Inorganic Other	12.5 tons/ac (FYM) 30:15:15 NPK kg/ac 10-12 kg/ac
6.	Spacing cm. Row to Row Plant to Plant	120 cm or 90 cm 60 cm or 45 cm
7.	Sowing window requirement to attain potential yield ( zone wise)	Black cotton soils
8.	Number of irrigation requirement to attain potential yield ( zone wise)	7 to 10 irrigation
9.	The best growing season to attain potential yield ( zone wise)	June to 25 <sup>th</sup> June - central zone & Telangana, Karnataka. June to July- AP 15 <sup>th</sup> August to July- AP 15 <sup>th</sup> August to 15 <sup>th</sup> sep- Tamilnadu.
10.	Zone wise potential yield q/ac	Central zone- Irrigate condition-10-15 q/ac. Rainfed condition-5-10 q/ac. South zone- Irrigate condition-13-16 q/ac. Rainfed condition-6-12 q/ac.
11.	Yield of kapas/ac ( average)	Kapas yield- Irrigate condition-13-16 q/ac. Rainfed condition-6-12 q/ac.
12.	Yield of lint /ac ( average)	Lint yield- Irrigate condition- 420- 520 kg/ac. Rainfed condition-200-385 kg/ac.

24. Application No. 

N55	GH110	14	2111
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 filed on 15.10.2014 by **Ajeet Seeds Ltd.** 2<sup>nd</sup> Floor Tapadia Terraces, Adalat Road, Aurangabad-431001 for New variety of crop **Tetraploid Cotton** (*Gossypium hirsutum* L.) having denomination **ACG 41-2 BG-II (Ajeet 41 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** : ACG 41-2 BG-II (Ajeet 41 BGII)  
**Applicant** : Ajeet Seeds Ltd.  
**Address of the applicant** : 2<sup>nd</sup> Floor Tapadia Terraces, Adalat Road, Aurangabad-431001.  
 Nationality of applicant : Indian  
**Application details**  
 a. Number : 

N55	GH110	14	2111
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 b. Date of receipt : 15.10.2014  
 c. Date of acceptance : --  
 Crop (Taxonomical Lineage) : Tetraploid cotton (*Gossypium hirsutum* L)  
 Denomination : ACG 41-2 BG-II (Ajeet 41 BGII)  
 Type of variety : New  
 Classification of variety : Transgenic & Typical  
 Previously proposed Denomination : Not applicable  
 Name of parental material : ACG-13-2 x ACG-662  
 Source of parental material : Own germplasm  
 Name of reference varieties : Sahana, Supriya

**Variety description:**

A. Grouping characteristics	Remarks (measured values)
Leaf : Shape (Characteristics 8)	Palmate (Normal)
Flower : Petal colour (Characteristics 15)	Cream
Flower :Pollen colour (Characteristics 19)	Cream
Boll: Shape (Characteristics 23)	Round
Fibre : Length (Characteristics 33)	Long
<b>B. Distinct characteristics of candidate variety:</b> ACG 41-2 BG-II (Ajeet 41 BGII) has distinguishing character as cup leaf appearance, high ginning%	
<b>C. Distinct characteristics of reference varieties:</b> Sahana has distinguishing character as flat leaf appearance, high ginning%. Supriya has distinguishing character as flat leaf appearance, medium ginning%	
<b>D. Date of commercialization of the variety</b>	-

E. Agronomic & Commercial attributes		
S. No.	Agronomic attributes	Details
1.	Growth habit (determinate/ Indeterminate)	Indeterminate

2.	Day to maturity (average)	150-155 days
3.	Fertilizer dose kg/ac	25:12.5:12.5 NPK kg/ac
4.	Fibre length (mm)	Long (27.5-32) mm
5.	Fibre fineness	Fine (3-3.9) mm
6.	Fibre uniformity	Good (46-47)
7.	Fibre colour	White
8.	Yield of lint/ac	3-4 q/ac
9.	Yield of kapas/ac	8-10 q/ac