



सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA

भारतीय पौधा किस्म जर्नल PLANT VARIETY JOURNAL OF INDIA

[k.M & 05] v[ol] & 04] v[er]y 01, 2011
Vol. - 05, No. - 04, April 01, 2011



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

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



भारत सरकार
GOVERNMENT OF INDIA

भारत सरकार, दिल्ली [क.म 05] वॉल 04
वृष 01] 2011@ पञ्च कृष्ण 13 'क-1932

Plant Variety Journal of India, Vol. 05, No. 04
April 01, 2011 / Chaitra Krishna 13, Saka 1932



भारत सरकार, दिल्ली [क.क 1/क/क.क
, उ., ल. ल. ह. द.क.ए.डी.] म.हि.ह. ल. ए.क.ए. फु.द.व. व.क.म.कि.ज. ए.क.ए. उ.ब.ल. फ.न.य.ह. & 110 012

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

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

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

OFFICIAL NOTICE

Sub: Notice is given under Rule 29-1(a) of the Protection of Plant Varieties and Farmers' Rights Rules, 2003

It is hereby informed that PPV&FR Authority shall charge Rs. 20,000/- (Rupees Twenty thousands only) fee for conducting DUS test on each notified variety of the following crop species under PPV&FR Rule 29-1(a), 2003. The DUS testing fee shall be paid as a crossed demand draft drawn in favour of 'Registrar, Protection of Plant Varieties and Farmers' Rights Authority payable at Delhi.'

S. No.	Common Name	Hindi/Local Name	Botanical Name
1.	Indian Mustard	Sarso	<i>Brassica juncea</i> L. Czern & Coss
		Karan Rai	<i>Brassica carinata</i> A Braun
2.	Rapeseed	Toria	<i>Brassica rapa</i> L.
		Gobhi Sarson	<i>Brassica napus</i> L.
3.	Sunflower	Surya Mukhi	<i>Helianthus annuus</i> L.
4.	Safflower	Kusumbha	<i>Carthamus tinctorius</i> L.
5.	Castor	Arandi	<i>Ricinus communis</i> L.
6.	Sesame	Til	<i>Sesamum indicum</i> L.
7.	Linseed	Alsi	<i>Linum usitatissimum</i> L.
8.	Groundnut	Moongphali	<i>Arachis hypogaea</i> L.
9.	Soybean	Soybean	<i>Glycine max</i> (L.) Merrill

PUBLIC NOTICE

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

The details of 49 registration certificates which have been issued under section 24 (2) of PPV &FR Act, 2001 are published herein for invitation of claims for benefit sharing.

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

Certificate of Registration No. 1 of 2010

(1) Registration Number and date of grant :- **1 of 2010 /20.10.2010**

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

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

(3) Denomination of the variety:- **ML 818**

(4) Name of:

Family : **Fabaceae**
Genus: ***Vigna***
Species: ***radiata***

Variety and common name: **Extant/Green gram**

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

5145/87 x ML 267

Department of Plant Breeding, P.A.U., Ludhiana (Punjab)

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

ML 818 has distinguishing characters like erect growth habit, medium plant height, light yellow petal colour, long peduncles, medium pod length, oval seed shape and medium seed size.

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

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

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

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

ML 818 has been commercialized since 2007.

Certificate of Registration No. 2 of 2010

(1) Registration Number and date of grant :- **2 of 2010 /20.10.2010**

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

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

(3) Denomination of the variety:- **HM-4**

(4) Name of:

Family : **Poaceae**
Genus: ***Zea***
Species: ***mays***

Variety and common name: **Extant/ Maize**

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

HKI-1105 x HKI-323

CCS, HAU RRS, Uchani, Karnal-132 001 (Haryana)

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

HM-4 has distinguishing characters like medium plant length and medium plant ear placement.

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

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

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

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

HM-4 has been commercialized since 2005.

Certificate of Registration No. 3 of 2010

- (1) Registration Number and date of grant :- **3 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **HQPM-1**

- (4) Name of:

Family : **Poaceae**
Genus: **Zea**
Species: **mays**

Variety and common name: **Extant/ Maize**

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

HKI-193-1 x HKI-163

CCS, HAU RRS, Uchani, Karnal -132001(Haryana)

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

HQPM-1 has distinguishing characters like medium plant length up to flag leaf, absence of anthocyanin colouration of brace root, presence of anthocyanin colouration of anthers, straight attitude of lateral branches, absence of anthocyanin colouration of silks, long length of main axis above upper side branch, medium width of leaf blade, long ear length without husk, medium ear diameter, conico-cylindrical ear shape, medium number of top of grain, dent type of grain, yellow colour of top of grain, indented kernel shape and large weight of 1000 kernel.

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

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

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

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

HQPM-1 has been commercialized since 2005.

Certificate of Registration No. 4 of 2010

(1) Registration Number and date of grant :- **4 of 2010 /20.10.2010**

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

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

(3) Denomination of the variety:- **Narmada Moti (IC-9001)**

(4) Name of:

Family : **Poaceae**
Genus: ***Zea***
Species: ***mays***

Variety and common name: **Extant/ Maize**

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

LGC-40 x EH-2922 (HS)

MMRS, AAU, Godhra-389 001 Panchmahals (Gujarat)

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

Narmada Moti (IC-9001) has distinguishing characters like medium plant height, medium ear height and white flint grain.

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

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

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

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

Narmada Moti (IC-9001) has been commercialized since 2002.

Certificate of Registration No. 5 of 2010

- (1) Registration Number and date of grant :- **5 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Vivek Maize Hybrid-27 (FH 3288)**

- (4) Name of:

Family : **Poaceae**
Genus: **Zea**
Species: **mays**

Variety and common name: **Extant/ Maize**

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

V 335 x V 345

**Vivekananda Parvatiya Krishi Anusandhan Sansthan (ICAR), Almora-263601
(Uttarakhand)**

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

Vivek Maize Hybrid-27(FH 3288) has distinguishing characters like presence of stem anthocyanin colouration of brace root, presence of leaf anthocyanin colouration of sheath, high ear placement, semi flint grain type, yellow colour of top of grain with cap and indented kernel shape.

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

Vivek Maize Hybrid-27 (FH 3288) has been commercialized since 2007.

Certificate of Registration No. 6 of 2010

- (1) Registration Number and date of grant :- **6 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Vivek Maize Hybrid-25 (FH 3248)**
- (4) Name of:

Family : **Poaceae**
Genus: ***Zea***
Species: ***mays***

Variety and common name: **Extant/ Maize**

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

V 341 x V 346

**Vivekananda Parvatiya Krishi Anusandhan Sansthan (ICAR), Almora-263601,
Uttarakhand**

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

Vivek Maize Hybrid-25 (FH 3248) has distinguishing characters like very long plant length, presence of stem anthocyanin colouration of brace root, absence of anthocyanin colouration of glumes excluding base, absence of anthocyanin colouration of anthers, strongly curved attitude of lateral branches, large ear diameter, semi flint type of grain, yellow colour of top of grain with cap, indented kernel shape and large weight of 1000 kernels.

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

Vivek Maize Hybrid-25 (FH 3248) has been commercialized since 2007.

Certificate of Registration No. 7 of 2010

- (1) Registration Number and date of grant :- **7 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Amar (D-941)**

- (4) Name of:

Family : **Poaceae**
Genus: ***Zea***
Species: ***mays***

Variety and common name: **Extant/ Maize**

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

Advance generation of inter varietal crosses

G.B.P.U.A. & T., Pantnagar-263 145 (Uttarakhand)

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

Amar (D-941) has distinguishing characters like very conico-cylindrical ear shape, semi flint type of grain, yellow colour of top of grain with cap, irregular kernel row arrangement and toothed kernel shape.

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

Amar (D-941) has been commercialized since 2001.

Certificate of Registration No. 8 of 2010

- (1) Registration Number and date of grant :- **8 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **HHM-2 (HKH-1071)**

- (4) Name of:

Family : **Poaceae**
Genus: ***Zea***
Species: ***mays***

Variety and common name: **Extant/ Maize**

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

HKI-1352 x HKI-1344

CCS, HAU RRS, Uchani, Karnal -132001(Haryana)

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

HHM-2(HKH-1071) has distinguishing characters like medium plant length (up to flag leaf) and medium plant ear placement.

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

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

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

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

HHM-2(HKH-1071) has been commercialized since 2000.

Certificate of Registration No. 9 of 2010

- (1) Registration Number and date of grant :- **9 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Vivek Maize Hybrid-9 (FH 3077)**
- (4) Name of:

Family : **Poaceae**
Genus: ***Zea***
Species: ***mays***

Variety and common name: **Extant/ Maize**

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

CM 212 x Pop 31

**Vivekananda Parvatiya Krishi Anusandhan Sansthan (ICAR), Almora-263 601
(Uttarakhand)**

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

Vivek Maize Hybrid-9 (FH 3077) has distinguishing characters like small angle between leaf blade and stem (on leaf just above upper ear), straight attitude of leaf blade, presence of anthocyanin colouration of stem brace root, presence of anthocyanin colouration of leaf sheath, very long plant length (up to flag leaf), broad width leaf blade, large ear diameter, semi flint ear type of grain, yellow colour of top of grain with cap, indented kernel shape and large weight of 1000 kernel.

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

Vivek Maize Hybrid-9 (FH 3077) has been commercialized since 2001.

Certificate of Registration No. 10 of 2010

- (1) Registration Number and date of grant :- **10 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **COH (M) - 4**

- (4) Name of:

Family : **Poaceae**
Genus: **Zea**
Species: **mays**

Variety and common name: **Extant/ Maize**

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

(UMI 90 x UMI 285) x UMI 112

Department of Millets, CPBG, TNAU Coimbatore-641 003

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

COH (M) -4 has distinguishing characters like small angle between leaf blade and stem (on leaf just above upper ear), presence of anthocyanin colouration of stem brace root, absence of anthocyanin colouration of glumes excluding base, sparse density of spikelets and medium plant ear placement.

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

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

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

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

COH (M)-4 has been commercialized since 2005.

Certificate of Registration No. 11 of 2010

- (1) Registration Number and date of grant :- **11 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Vivek Hybrid-4 (FH-3049)**

- (4) Name of:

Family : **Poaceae**
Genus: **Zea**
Species: **mays**

Variety and common name: **Extant/ Maize**

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

USA/Acc No.2132 x Pool 33

**Vivekananda Parvatiya Krishi Anusandhan Sansthan (ICAR), Almora-263 601
(Uttarakhand)**

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

Vivek Hybrid-4(FH-3049) has distinguishing characters like small angle between leaf blade and stem (on leaf just above upper ear), droopy attitude of leaf blade, early time of anthesis, absence of anthocyanin colouration of glumes excluding base, absence of anthocyanin colouration of silks, medium length of main axis above lowest side branch, very long plant length (up to flag leaf), large ear diameter, semi-dent type of grain, yellow colour top of grain with cap, indented kernel shape and large weight of 1000 kernel.

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

Vivek Hybrid-4(FH-3049) has been commercialized since 1999.

Certificate of Registration No. 12 of 2010

- (1) Registration Number and date of grant :- **12 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Him 129 (EHF 1121)**

- (4) Name of:

Family : **Poaceae**
Genus: **Zea**
Species: **mays**

Variety and common name: **Extant/ Maize**

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

(CM 128 x CM 129) x CM 502

**Vivekananda Parvatiya Krishi Anusandhan Sansthan (ICAR), Almora-263 601
(Uttarakhand)**

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

Him 129 (EHF 1121) has distinguishing characters like wide angle between leaf blade and stem (on leaf just above upper ear), drooping attitude of leaf blade ,presence of anthocyanin colouration of glumes excluding base, presence of anthocyanin colouration of anthers, dense spikelets density, presence of anthocyanin colouration of silks, long length of main axis above lowest side branch, long pant length (up to flag leaf),wide width leaf blade, long ear length without husk, many ear number of rows of grains and flint ear type of grain.

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

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

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

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

Him 129 (EHF 1121) has been commercialized since 1997.

Certificate of Registration No. 13 of 2010

- (1) Registration Number and date of grant :- **13 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Pusa Early Hybrid Makka-2 (EH 203492)**

- (4) Name of:

Family : **Poaceae**
Genus: **Zea**
Species: **mays**

Variety and common name: **Extant/ Maize**

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

CM-137 x CM-138

Division of Genetics, IARI, New Delhi-110 012

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

Pusa Early Hybrid Makka-2 (EH 203492) has distinguishing characters like presence of anthocyanin colouration of stem brace root, presence anthocyanin colouration at base of glume, presence anthocyanin colouration of glumes excluding base, narrow angle between main axis and lateral branches, straight attitude of lateral branches, presence of anthocyanin colouration of silks, narrow width of leaf blade, medium ear length without husk, conico-cylindrical ear shape, yellow ear colour of top of grain and round kernel shape.

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

Pusa Early Hybrid Makka-2 (EH 203492) has been commercialized since 1997.

Certificate of Registration No. 14 of 2010

- (1) Registration Number and date of grant :- **14 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **COH (M) 5**

- (4) Name of:

Family : **Poaceae**
Genus: ***Zea***
Species: ***mays***

Variety and common name: **Extant/ Maize**

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

UMI 285 x UMI 61

Department of Millets, CPBG, TNAU Coimbatore-641 003

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

COH (M) 5 has distinguishing characters like long plant length, late time of anthesis, presence of anthocyanin colouration at base of glume and excluding base or anthers, curved attitude of lateral branches, late time of silk emergence, semi flint/semi dent type of grain and yellow with cap ear colour of top of grain.

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

COH (M) 5 has been commercialized since 2007.

Certificate of Registration No. 15 of 2010

- (1) Registration Number and date of grant :- **15 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Vivek Hybrid-5**

- (4) Name of:

Family : **Poaceae**
Genus: ***Zea***
Species: ***mays***

Variety and common name: **Extant/ Maize**

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

USA/Acc.No.2132 x Riveirao Preto 8233

**Vivekananda Parvatiya Krishi Anusandhan Sansthan (ICAR), Almora-263 601,
(Uttarakhand)**

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

Vivek Hybrid-5 has distinguishing characters like present stem anthocyanin colouration of brace root, very long plant length (up to flag leaf), medium leaf width of blade, large ear diameter, semi-flint ear type of grain, yellow with cap ear colour of top of grain, indented kernel shape and large weight of 1000 kernel.

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

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

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

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

Vivek Hybrid-5 has been commercialized since 2001.

Certificate of Registration No. 16 of 2010

- (1) Registration Number and date of grant :- **16 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Vivek Maize Hybrid-17 (FH-3186)**

- (4) Name of:

Family : **Poaceae**
Genus: ***Zea***
Species: ***mays***

Variety and common name: **Extant/ Maize**

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

Syn 1 x CM 212

**Vivekananda Parvatiya Krishi Anusandhan Sansthan (ICAR), Almora-263 601
(Uttarakhand)**

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

Vivek Maize Hybrid-17 (FH-3186) has distinguishing characters like small angle between leaf blade and stem (on leaf just above upper ear), presence of anthocyanin colouration of leaf sheath, medium length of main axis above lowest side branch, medium width of leaf blade, semi-flint type of grain, yellow colour of top of grain with cap, indented kernel shape and large weight of 1000 kernel.

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

Vivek Maize Hybrid-17 (FH-3186) has been commercialized since 2005.

Certificate of Registration No. 17 of 2010

- (1) Registration Number and date of grant :- **17 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **DMH-2**

- (4) Name of:

Family : **Poaceae**
Genus: ***Zea***
Species: ***mays***

Variety and common name: **Extant/ Maize**

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

CI-4 x KDMI-10

AICMIP, Agricultural Research Station, Arabhavi-591306, Karnataka

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

DMH-2 has distinguishing characters like long length of main axis above upper side branch, medium number of rows of grains and medium weight of 1000 kernel.

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

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

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

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

DMH-2 has been commercialized since 2002.

Certificate of Registration No. 18 of 2010

- (1) Registration Number and date of grant :- **18 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **COBC 1**

- (4) Name of:

Family : **Poaceae**
Genus: **Zea**
Species: **mays**

Variety and common name: **Extant/ Maize**

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

UMI 836 x UMI 836-1-2

Department of Millets, CPBG, TNAU Coimbatore-641 003

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

COBC 1 has distinguishing characters like early time of anthesis, presence of anthocyanin colouration at base of glume, dense spikelets density, medium time of silk emergence, medium plant length (up to flag leaf), dent type of grain, yellow colour top of grain, shrunken kernel shape and small weight of 1000 kernel.

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

COBC 1 has been commercialized since 1999.

Certificate of Registration No. 19 of 2010

- (1) Registration Number and date of grant :- **19 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **VL Baby Corn-1 (VL-78)**

- (4) Name of:

Family : **Poaceae**
Genus: **Zea**
Species: **mays**

Variety and common name: **Extant/ Maize**

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

{(VL 16 x Murulia) x VL 16} x VL 16

**Vivekananda Parvatiya Krishi Anusandhan Sansthan (ICAR), Almora-263 601
(Uttarakhand)**

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

VL Baby Corn-1 (VL-78) has distinguishing characters like long plant length (up to flag leaf), high plant ear placement, medium ear length without husk, conico-cylindrical ear shape and medium number of rows of grains.

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

VL Baby Corn-1 (VL-78) has been commercialized since 2005.

Certificate of Registration No. 20 of 2010

- (1) Registration Number and date of grant :- **20 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Sakthiman-2**

- (4) Name of:

Family : **Poaceae**
Genus: **Zea**
Species: **mays**

Variety and common name: **Extant/ Maize**

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

CML 176 x CML 186

RAU, Bihar, Tirhut College of Agriculture, Dholi-848 121 (Muzaffarpur)

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

Sakthiman-2 has distinguishing characters like tall plant length, presence of anthocyanin colouration of anthers, narrow width of leaf blade, medium ear diameter, conico-cylindrical ear shape, white colour of top of grains, indented kernel shape and medium weight of 1000 kernel.

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

Sakthiman-2 has been commercialized since 2004.

Certificate of Registration No. 21 of 2010

- (1) Registration Number and date of grant :- **21 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Win Orange Sweet Corn**

- (4) Name of:

Family : **Poaceae**
Genus: ***Zea***
Species: ***mays***

Variety and common name: **Extant/ Maize**

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

Elite family crosses of winter nursery sweet corn population

Winter Nursery Centre, DMR, Amberpet, Hyderabad- 500 013 (A.P.)

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

Win Orange Sweet Corn has distinguishing characters like medium time of anthesis, medium time of silk emergence, medium length of main axis above upper side branch, long ear length without husk and large ear diameter.

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

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

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

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

Win Orange Sweet Corn has been commercialized since 2005.

Certificate of Registration No. 22 of 2010

- (1) Registration Number and date of grant :- **22 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Priya Sweetcorn**

- (4) Name of:

Family : **Poaceae**
Genus: ***Zea***
Species: ***mays***

Variety and common name: **Extant/ Maize**

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

Chain crossing among four sweet corn varieties viz. Malaysian sweet corn, Thai sweet corn, Madhuri, and Madhu makka.

Agricultural Research Station, Amberpet, Hyderabad - 500 013 (A.P.)

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

Priya Sweetcorn has distinguishing characters like long plant length (up to flag leaf), long ear length without husk, large ear diameter and semi dent type of grain.

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

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

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

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

Priya Sweetcorn has been commercialized since 2002.

Certificate of Registration No. 23 of 2010

- (1) Registration Number and date of grant :- **23 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Shalimar KG Maize-1**

- (4) Name of:

Family : **Poaceae**
Genus: ***Zea***
Species: ***mays***

Variety and common name: **Extant/ Maize**

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

Pool-39 x Gurez Local

**Faculty of Agricultural and Regional Research Station, SKUAST-K Wadura Sopore
Kashmir**

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

Shalimar KG Maize-1 has distinguishing characters like medium plant length, strongly curved attitude of lateral branches, early time of silk emergence, conico-cylindrical ear shape, medium number of rows of grains, yellow colour of top of grain and straight kernel row arrangement.

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

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

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

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

Shalimar KG Maize-1 has been commercialized since 2005.

Certificate of Registration No. 24 of 2010

- (1) Registration Number and date of grant :- **24 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Shaktiman-1**

- (4) Name of:

Family : **Poaceae**
Genus: **Zea**
Species: **mays**

Variety and common name: **Extant/ Maize**

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

(CML 142 x CML150) x CML 186

RAU, Bihar, Tirhut College of Agriculture, Dholi-848 121 (Muzaffarpur)

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

Shaktiman-1 has distinguishing characters like medium plant length (up to flag leaf), presence of anthocyanin colouration of anthers, narrow width of leaf blade, medium ear length without husk, conico-cylindrical ear shape, white colour of top of grain, indented kernel shape and medium weight of 1000 kernel.

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

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

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

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

Shaktiman-1 has been commercialized since 2001.

Certificate of Registration No. 25of 2010

- (1) Registration Number and date of grant :- **25 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **VL Masoor-103**

- (4) Name of:

Family : **Fabaceae**
Genus: ***Lens***
Species: ***culinaris***

Variety and common name: **Extant/ Lentil**

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

Brown seeded lentil Accession VHC 2776-1 collected from Bageshwar Distt. in U.P. hills.

Vivekananda Parvatiya Krishi Anusandhan Sansthan, Almora-263601

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

VL Masoor-103 has distinguishing characters like semi erect plant growth habit, medium plant height, large seed size, presence of stem anthocyanin and small leaflet size.

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

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

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

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

VL Masoor-103 has been commercialized since 2000.

Certificate of Registration No. 26 of 2010

- (1) Registration Number and date of grant :- **26 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **VL Masoor-507 (VL-507)**

- (4) Name of:

Family : **Fabaceae**
Genus: ***Lens***
Species: ***culinaris***

Variety and common name: **Extant/ Lentil**

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

Selection from ILL 7978

Vivekananda Parvatiya Krishi Anusandhan Sansthan, Almora-263601

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

VL Masoor-507 (VL-507) has distinguishing characters like small plant height, presence of stem anthocyanin, late time of flowering, medium leaflet size, light green foliage and very large seed size.

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

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

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

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

VL Masoor-507 (VL-507) has been commercialized since 2008.

Certificate of Registration No. 27 of 2010

- (1) Registration Number and date of grant :- **27 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Ambika (IM-9102)**

- (4) Name of:

Family : **Fabaceae**
Genus: ***Pisum***
Species: ***sativum***

Variety and common name: **Extant/ Field pea**

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

DMR-22 x HUP-2

Department of Plant Breeding and Genetics, IGAU, Raipur- 492 012 (M.P.)

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

Ambika (IM-9102) has distinguishing characters like green foliage colour, presence of leaflets, early flowering days, absence of rabbit eared stipule and large seed weight.

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

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

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

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

Ambika (IM-9102) has been commercialized since 2001.

Certificate of Registration No. 28 of 2010

- (1) Registration Number and date of grant :- **28 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Swati (KFPD-24)**

- (4) Name of:

Family : **Fabaceae**
Genus: ***Pisum***
Species: ***sativum***

Variety and common name: **Extant/ Field pea**

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

Flavanda x HFP 4

C.S.A.U.A & T., Kanpur-208 002 (U.P.)

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

Swati (KFPD-24) has distinguishing characters like small plant height, green foliage colour, absence of leaflets and medium flowering days.

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

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

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

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

Swati (KFPD-24) has been commercialized since 1999.

Certificate of Registration No. 29 of 2010

- (1) Registration Number and date of grant :- **29 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Shubhra (IM-9101)**

- (4) Name of:

Family : **Fabaceae**
Genus: ***Pisum***
Species: ***sativum***

Variety and common name: **Extant/ Field pea**

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

Rachna x JP-885

Department of Plant Breeding and Genetics, IGAU, Raipur- 492 012 (M.P.)

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

Shubhra (IM-9101) has distinguishing characters like green foliage colour, presence of leaflets, early flowering days, absence of rabbit eared stipule and large seed weight.

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

Shubhra (IM-9101) has been commercialized since 2001.

Certificate of Registration No. 30 of 2010

- (1) Registration Number and date of grant :- **30 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Pant pea-14 (Pant P-14)**

- (4) Name of:

Family : **Fabaceae**
Genus: ***Pisum***
Species: ***sativum***

Variety and common name: **Extant/ Field pea**

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

HFP 4 x Longittee

G.B.P.U.A. & T., Pantnagar-263 145 (Uttarakhand)

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

Pant pea-14 (Pant P-14) has distinguishing characters like late flowering days, dark green foliage colour, presence of leaflets and spherical seed shape.

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

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

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

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

Pant pea-14 (Pant P-14) has been commercialized since 2006.

Certificate of Registration No. 31 of 2010

- (1) Registration Number and date of grant :- **31 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Shekhar-3 (KU-309)**

- (4) Name of:

Family : **Fabaceae**
Genus: ***Vigna***
Species: ***mungo***

Variety and common name: **Extant/ Black gram**

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

PLU 779 x 7380/1

C.S.A.U.A & T., Kanpur (U.P.)

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

Shekhar-3 (KU-309) has distinguishing characters like long plant height, ovate shape of terminal leaflet, green pre mature pod colour, medium time of flowering days, medium pod length, brown pod colour at maturity and greenish brown seed colour.

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

Shekhar-3 (KU-309) has been commercialized since 2003.

Certificate of Registration No. 32 of 2010

- (1) Registration Number and date of grant :- **32 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **VL Matar-42 (VL-42)**

- (4) Name of:

Family : **Fabaceae**
Genus: ***Pisum***
Species: ***sativum***

Variety and common name: **Extant/ Field pea**

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

VL Matar 1x P 338

Vivekananda Parvatiya Krishi Anusandhan Sansthan, Almora-263601

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

VL Matar-42 (VL-42) has distinguishing characters like green foliage colour, very early flowering days and presence of rabbit eared stipule.

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

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

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

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

VL Matar-42 (VL-42) has been commercialized since 2006.

Certificate of Registration No. 33 of 2010

- (1) Registration Number and date of grant :- **33 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Shalimar Moong-1**

- (4) Name of:

Family : **Fabaceae**
Genus: ***Vigna***
Species: ***radiata***

Variety and common name: **Extant/ Green gram**

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

Single plant selection from Jalgoan Mungbean

**Research Sub-Station-Habak, SKUAST-K Srinagar/ K.D. Research Station
SKUAST-K, Old Airport**

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

Shalimar Moong-1 has distinguishing characters like semi erect growth habit, short plant height, small leaf size, medium flowering days, green petiole colour, straight pod curvature, short length of mature pods and shiny seed coat luster.

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

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

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

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

Shalimar Moong-1 has been commercialized since 2005.

Certificate of Registration No. 34 of 2010

- (1) Registration Number and date of grant :- **34 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Shalimar Masoor-1**

- (4) Name of:

Family : **Fabaceae**
Genus: ***Lens***
Species: ***culinaris***

Variety and common name: **Extant/ Lentil**

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

Single plant selection from EC-2216

**Research Sub-Station-Habak, SKUAST-K Srinagar/ K.D. Research Station
SKUAST-K, Old Airport**

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

Shalimar Masoor-1 has distinguishing characters like erect plant type, determinate growth habit, light green foliage, medium leaflet size, white flower colour, uniform green pod colour, large and round seeds.

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

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

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

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

Shalimar Masoor-1 has been commercialized since 2005.

Certificate of Registration No. 35 of 2010

- (1) Registration Number and date of grant :- **35 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Shalimar Rajmash-01**

- (4) Name of:

Family : **Fabaceae**
Genus: ***Phaseolus***
Species: ***vulgaris***

Variety and common name: **Extant/ Kidney bean**

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

Local Red x Canadian Red

**Pulses Research Sub-Station-Habak, SKUAST-K Srinagar/ K.D. Research Station
SKUAST-K, Old Airport Post Box No.905, GPO Srinagar 190 001 J&K**

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

Shalimar Rajmash-01 has distinguishing characters like short plant height, small leaflet size, dark green leaf colour, green pod colour, medium time of flowering days, red seed testa colour, non-viny twining habit of plants, ovate central leaflet, kidney shaped seed and large seed size.

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

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

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

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

Shalimar Rajmash-01 has been commercialized since 2005.

Certificate of Registration No. 36 of 2010

- (1) Registration Number and date of grant :- **36 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

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

- (4) Name of:

Family : **Poaceae**
Genus: **Zea**
Species: **mays**

Variety and common name: **Extant/ Maize**

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

CML 161-13-3 x CML 163-7-2

RAU, Bihar, Tirhut College of Agriculture, Dholi -848 121 (Muzaffarpur)

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

Shaktiman-3 has distinguishing characters like long plant length (up to flag leaf), presence of anthocyanin colouration of anthers, broad width of leaf blade, large ear diameter, conico-cylindrical ear shape, medium number of rows of grains, orange yellow colour of top of grain, spiral kernel shape and large weight of 1000 kernel.

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

Shaktiman-3 has been commercialized since 2006.

Certificate of Registration No. 37 of 2010

- (1) Registration Number and date of grant :- **37 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Shaktiman-4**

- (4) Name of:

Family : **Poaceae**
Genus: **Zea**
Species: **mays**

Variety and common name: **Extant/ Maize**

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

CML 161-13-3 x CML 169-23

RAU, Bihar, Tirhut College of Agriculture, Dholi -848 121 (Muzaffarpur)

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

Shaktiman-4 has distinguishing characters like medium plant length (up to flag leaf), presence of anthocyanin colouration of anthers, broad width of leaf blade, medium ear diameter, conico-cylindrical ear shape, medium number of rows of grains, orange colour of top of grain, indented kernel shape and large weight of 1000 kernel.

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

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

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

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

Shaktiman-4 has been commercialized since 2006.

Certificate of Registration No. 38 of 2010

- (1) Registration Number and date of grant :- **38 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Haryana Chari-308**

- (4) Name of:

Family : **Poaceae**
Genus: ***Sorghum***
Species: ***bicolor***

Variety and common name: **Extant/ Sorghum**

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

SPV 8 x IS 4776

All India Co-ordinated Sorghum Improvement Project, CCS Haryana Agricultural University, Hisar-125 004(Haryana)

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

Haryana Chari-308 has distinguishing characters like tan plant pigmentation, very long plant height, symmetric panicle shape, medium panicle length, low seed weight and yellow white caryopsis colour after threshing.

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

Haryana Chari-308 has been commercialized since 1996.

Certificate of Registration No. 39 of 2010

- (1) Registration Number and date of grant :- **39 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Arka Suvidha (IIHR-909)**

- (4) Name of:

Family : **Fabaceae**
Genus: ***Phaseolus***
Species: ***vulgaris***

Variety and common name: **Extant/ French bean**

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

Contender x Blue Crop

**Indian Institute of Horticultural Research (ICAR), Hessaraghatta Lake PO.
Bangalore-89 (Karnataka)**

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

Arka Suvidha (IIHR-909) has distinguishing characters like pink flower colour of standard petal, circular pod shape and absence of pod stringiness.

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

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

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

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

Arka Suvidha (IIHR-909) has been commercialized since 2002.

Certificate of Registration No. 40 of 2010

- (1) Registration Number and date of grant :- **40 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Arka Ajit (FC-1)**

- (4) Name of:

Family : **Fabaceae**
Genus: ***Pisum***
Species: ***sativum***

Variety and common name: **Extant/ Garden pea**

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

Bonneville x IIHR 209 & Freezer 656

**Indian Institute of Horticultural Research (ICAR), Hessaraghatta Lake PO.
Bangalore-89 (Karnataka)**

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

Arka Ajit (FC-1) has distinguishing characters like weak pod curvature, green pod colour, slightly wavy pod surface and cream seed cotyledon colour.

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

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

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

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

Arka Ajit (FC-1) has been commercialized since 2004.

Certificate of Registration No. 41 of 2010

- (1) Registration Number and date of grant :- **41 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Pusa-547 (BGM-547)**

- (4) Name of:

Family : **Fabaceae**
Genus: ***Cicer***
Species: ***arietinum***

Variety and common name: **Extant/ Chick pea**

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

Mutant of BG 256

Indian Institute of Agricultural Research, New Delhi-110 012

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

Pusa-547 (BGM-547) has distinguishing characters like medium plant height, compound leaves, medium green foliage, pink flowers, brown seed colour, medium seed size, angular seed shape and desi seed type.

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

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

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

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

Pusa-547 (BGM-547) has been commercialized since 2006.

Certificate of Registration No. 42 of 2010

- (1) Registration Number and date of grant :- **42 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Orissa University of Agriculture & Technology
Bhubaneswar, P.O: Baramunda, P.S: Khandagiri,
Dist-Khurda, Orissa-751 003**

- (3) Denomination of the variety:- **Jagabandhu (OR 1206-25-1)(IET 14100)**

- (4) Name of:

Family : **Poaceae**
Genus: ***Oryza***
Species: ***sativa***

Variety and common name: **Extant/ Rice**

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

Savitri / IR 4819 sel. // IR 27301 sel.

Rice Research Station, Department of Plant Breeding & Genetics, College of Agriculture OUAT, Bhubaneswar-751 003

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

Jagabandhu (OR 1206-25-1)(IET 14100) has distinguishing characters like intermediate plant height, light green leaf colour, medium leaf length and width, erect culm attitude and flag leaf attitude, medium stem thickness and stem length, long panicle length, well exerted panicles, medium 1000 grain weight and short grain length.

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

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

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

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

Jagabandhu (OR 1206-25-1) (IET 14100) has been commercialized since 2003.

Certificate of Registration No. 43 of 2010

- (1) Registration Number and date of grant :- **43 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Orissa University of Agriculture & Technology
Bhubaneswar, P.O: Baramunda, P.S: Khandagiri,
Dist-Khurda, Orissa-751 003**

- (3) Denomination of the variety:- **Prachi (IET-12786)**

- (4) Name of:

Family : **Poaceae**
Genus: ***Oryza***
Species: ***sativa***

Variety and common name: **Extant/ Rice**

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

IR 9764-45-2-2/CR 149-3244-198

Rice Research Station, Department of Plant Breeding & Genetics, College of Agriculture OUAT, Bhubaneswar-751 003

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

Prachi (IET-12786) has distinguishing characters like medium green leaf colour, weak pubescence, medium length and width of leaf, medium leaf senescence, light green stigma colour, medium panicle length and number, compact panicles, short grain length, medium bold grain shape, medium 1000 grain weight and moderate grain number.

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

Prachi (IET-12786) has been commercialized since 1999.

Certificate of Registration No. 44 of 2010

- (1) Registration Number and date of grant :- **44 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Orissa University of Agriculture & Technology
Bhubaneswar, P.O: Baramunda, P.S: Khandagiri,
Dist-Khurda, Orissa-751 003**

- (3) Denomination of the variety:- **Ramachandi (IET-13354)**

- (4) Name of:

Family : **Poaceae**
Genus: ***Oryza***
Species: ***sativa***

Variety and common name: **Extant/ Rice**

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

IR 17494-32-2-2-1-3-3/Jagannath

Rice Research Station, Department of Plant Breeding & Genetics, College of Agriculture OUAT, Bhubaneswar-751 003

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

Ramachandi (IET-13354) has distinguishing characters like medium green leaf colour, medium length of leaf blade, erect culm attitude, thin stem thickness, short stem length, erect flag leaf attitude, high 1000 grain weight, medium grain length and breadth and long decorticated grain length.

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

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

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

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

Ramachandi (IET-13354) has been commercialized since 1999.

Certificate of Registration No. 45 of 2010

- (1) Registration Number and date of grant :- **45 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Orissa University of Agriculture & Technology
Bhubaneswar, P.O: Baramunda, P.S: Khandagiri,
Dist-Khurda, Orissa-751 003**

- (3) Denomination of the variety:- **Mahanadi (IET-13356)**

- (4) Name of:

Family : **Poaceae**
Genus: ***Oryza***
Species: ***sativa***

Variety and common name: **Extant/ Rice**

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

IR 19661-131-1-3-1-3/ Savitri

**Rice Research Station, Department of Plant Breeding & Genetics, College of
Agriculture OUAT, Bhubaneswar-751 003**

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

Mahanadi (IET-13356) has distinguishing characters like medium green leaf colour, weak leaf pubescence, medium leaf length, medium leaf senescence, yellow stigma colour, medium panicle length, few panicle number, short grain length, medium bold grain shape, medium 1000 grain weight and moderate grain number.

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

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

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

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

Mahanadi (IET-13356) has been commercialized since 1999.

Certificate of Registration No. 46 of 2010

- (1) Registration Number and date of grant :- **46 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Orissa University of Agriculture & Technology
Bhubaneswar, P.O: Baramunda, P.S: Khandagiri,
Dist-Khurda, Orissa-751 003**

- (3) Denomination of the variety:- **Indrabati (IET-13396)**

- (4) Name of:

Family : **Poaceae**
Genus: ***Oryza***
Species: ***sativa***

Variety and common name: **Extant/ Rice**

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

IR 56/ OR 142-99

Rice Research Station, Department of Plant Breeding & Genetics, College of Agriculture OUAT, Bhubaneswar-751 003

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

Indrabati (IET-13396) has distinguishing characters like medium green leaf colour, weak leaf pubescence, medium leaf length, narrow leaf width, semi erect flag leaf attitude, medium leaf senescence, thin stem thickness, white stigma colour, medium panicle length and number, well exerted panicles, medium grain length, medium bold grain shape and moderate grain number.

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

Indrabati (IET-13396) has been commercialized since 1999.

Certificate of Registration No. 47 of 2010

- (1) Registration Number and date of grant :- **47 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Sumangala (CWROK-165)**

- (4) Name of:

Family : **Malvaceae**
Genus: ***Gossypium***
Species: ***hirsutum***

Variety and common name: **Extant/ Cotton**

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

CW 134 [Reba B 50 (okra leaf Isogenic line) x Khandwa 2]

**Central Institute for Cotton Research, Regional Station, Lawley Road Post,
Coimbatore-641 003**

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

Sumangala (CWROK-165) has distinguishing characters like very tall plant height, embedded flower stigma, blunt boll prominence of tip, medium boll weight of seed cotton/boll, dense and grey coloured seed fuzz, bold seed index, very high ginning, cream fibre colour, long fibre length and very good fibre maturity.

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

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

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

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

Sumangala (CWROK-165) has been commercialized since 2001.

Certificate of Registration No. 48 of 2010

- (1) Registration Number and date of grant :- **48 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Surabhi (VRS-7)**

- (4) Name of:

Family : **Malvaceae**
Genus: ***Gossypium***
Species: ***hirsutum***

Variety and common name: **Extant/ Cotton**

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

MCU 5 VT (MCU 5 X *G. hirsutum* ssp. *mexicanum* var. *nervosum* of Leningrad strain)

Central Institute for Cotton Research, Regional Station, Lawley Road Post, Coimbatore-641 003

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

Surabhi (VRS-7) has distinguishing characters like flat leaf appearance, tall plant height, exerted flower stigma, ovate boll shape, small weight of seed cotton/boll, dense seed fuzz, bold seed index, high ginning percentage, long fibre length, medium fibre fineness, good fibre uniformity and good fibre maturity.

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

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

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

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

Surabhi (VRS-7) has been commercialized since 1997.

Certificate of Registration No. 49 of 2010

- (1) Registration Number and date of grant :- **49 of 2010 /20.10.2010**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered: -

**Indian Council of Agricultural Research (ICAR)
Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114**

- (3) Denomination of the variety:- **Tarm-18**

- (4) Name of:

Family : **Fabaceae**
Genus: ***Vigna***
Species: ***radiata***

Variety and common name: **Extant/ Green gram**

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

PDM-54 x RUM-5

Nuclear Agricultural, Division, BARC, Trombay, Bombay

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

Tarm-18 has distinguishing characters like green leaf colour, long leaf size, greenish purple leaf vein colour, light yellow petal colour, position of pods above canopy and medium seed size.

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

Tarm-18 has been commercialized since 1997.

PUBLIC NOTICE

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

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

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

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

FORM O - 1
(See Rule 30)
Government of India, Plant Varieties Registry
ADVERTISEMENT OF ACCEPTED APPLICATION FOR REGISTRATION

01. Application No.

E2	SB2	07	07
-----------	------------	-----------	-----------

 filed on **21/05/2007** by **M/S Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi – 110 025** on behalf of **Maharashtra Hybrid Seed Company Limited, Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai – 400 020, India** for a extant (**Variety of Common Knowledge**) of crop **Sorghum** [*Sorghum bicolor* L.] having denomination **MRS 4094**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

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

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

Passport data of the variety MRS 4094:

Applicant : Maharashtra Hybrid Seed Company Limited
Address of the Applicant : Resham Bhavan, 4th Floor, 78, Veer Nariman Road,
Mumbai – 400 020, India

Nationality of Applicant : Indian

Application details

a. Number :

E2	SB2	07	07
-----------	------------	-----------	-----------

b. Date of receipt : 21/05/2007
c. Date of acceptance : 15/12/2010

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

Denomination : MRS 4094

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed

denomination : Not applicable
Name of Parental Material : J-1043 x J-119
Name of Reference Varieties : CSH-9 and CSH-14

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
<i>Kharif</i> or <i>Rabi</i> adaptation	<i>Kharif</i>
Plant: Time of panicle emergence (50% plants with complete spike emergence)	Medium [CSH-16]
Plant : Total height at maturity	Medium [RS 673]
Panicle : Shape	Panicle broader in lower part [MAN T1]
Caryopsis: Colour after threshing	White [MAN T1]
<p>B. Distinct Characteristics:</p> <p>MRS 4094 has distinguishing characters like medium stigma length, semi-compact panicle, short glume length, elliptical grain shape, more vitreous texture of endosperm of grain, grayed red glume colour, white caryopsis colour after threshing and short neck of panicle (visible length above sheath).</p>	
<p>C. Reference varieties:</p> <p>1. CSH-9: It has distinguishing characters like long stigma length, compact panicle, very short glume length, circular grain shape, less vitreous texture of endosperm of grain, yellow white glume colour, white caryopsis colour after threshing and medium neck of panicle (visible length above sheath).</p> <p>2. CSH-14: It has distinguishing characters like short stigma length, semi-loose panicle, very short glume length, circular grain shape, less vitreous texture of endosperm of grain, yellow white glume colour, white caryopsis colour after threshing and long neck of panicle (visible length above sheath).</p>	
D. Date of commercialization of the variety	Commercialized since 28/06/2000.

E. Photograph (s): (See figures 01a and b)

02. Application No.

E2

PG2

07

16

filed on 21/05/2007 by M/S

Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi – 110 025 on behalf of **Maharashtra Hybrid Seed Company Limited, Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai – 400 020, India** for a extant (Variety of Common Knowledge) of crop **Pearl Millet** [*Pennesitum glaucum* (L.) R.Br.] having denomination **MRB 204**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

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

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

Passport data of the variety MRB 204:

Applicant : Maharashtra Hybrid Seed Company Limited
Address of the Applicant : Resham Bhavan, 4th Floor, 78, Veer Nariman Road, Mumbai – 400 020, India
Nationality of Applicant : Indian

Application details

a. Number

:

E2

PG2

07

16

b. Date of receipt

: 21/05/2007

c. Date of acceptance

: 15/12/2010

Crop (Taxonomical Lineage) : Pearl Millet [*Pennesitum glaucum* (L.) R.Br.]

Denomination : MRB 204

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed denomination : Not applicable

Name of Parental Material : BMS 277 x BPL 2051

Name of Reference Varieties : Shradha, MH-169, JKBH-26 and PHI-7688

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant: Time of spike emergence	Late [GHB 316, ICMH 451]
Anther: Colour	Purple [RHB 30, 403 A]
Spike: Shape	Conical [842B, ICMP 423, ICMH 356]
Seed: Colour	Deep grey [GHB 558]
Seed: Shape	Hexagonal [--]

B. Distinct Characteristics:

MRB 204 has distinguishing characters like absence of anthocyanin colouration of first leaf sheath, erect growth habit, purple anther colour, absence of node pubescence, red node pigmentation, absence of bristles, conical spike shape, semi-compact spike density, deep grey seed colour, hexagonal seed shape and very bold seed weight of 1000 grains.

C. Reference varieties:

1. Shradha: It has distinguishing characters like absence of anthocyanin colouration of first leaf sheath, intermediate growth habit, yellow anther colour, absence of node pubescence, green node pigmentation, presence of purple bristles, lanceolate spike shape, compact spike density, deep grey seed colour, globular seed shape and very bold seed weight of 1000 grains.

2. MH-169: It has distinguishing characters like absence of anthocyanin colouration of first leaf sheath, erect growth habit, brown anther colour, presence of node pubescence, green node pigmentation, presence of brown bristles, candle spike shape, compact spike density, grey brown seed colour, obovate seed shape and medium seed weight of 1000 grains.

3. JKBH-26: It has distinguishing characters like presence of anthocyanin colouration of first leaf sheath, intermediate growth habit, yellow anther colour, absence of node pubescence, purple node pigmentation, absence of bristles, conical spike shape, compact spike density, grey brown seed colour, obovate seed shape and medium seed weight of 1000 grains.

4. PHI-7688: It has distinguishing characters like presence of anthocyanin colouration of first leaf sheath, erect growth habit, purple anther colour, presence of node pubescence, red node pigmentation, absence of bristles, lanceolate spike shape, compact spike density, deep grey seed colour, obovate seed shape and small seed weight of 1000 grains.

D. Date of commercialization of the variety	Commercialized since 02/03/1998.
----------------------------------------------------	----------------------------------

E. Photographs: (See figures 02a, b, c and d)

03. Application No.

E4	SB11	07	049
-----------	-------------	-----------	------------

 filed on **21/05/2007** by **M/S Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi – 110 025** on behalf of **Devjen NV, Technopark 30, B-9052, Zwijnaarde, Belgium** for a **extant (Variety of Common Knowledge) plant variety** of crop **Sorghum** [*Sorghum bicolor* L.] having denomination **MIJ-005**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

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

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

Passport data of the variety MIJ-005:

Applicant : Devjen NV

Address of the Applicant : Technopark 30, B-9052,
Zwijnaarde, Belgium

Nationality of Applicant : Belgian

Application details

a. Number :

E4	SB11	07	049
-----------	-------------	-----------	------------

b. Date of receipt : 21/05/2007

c. Date of acceptance : 28/01/2011

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

Denomination : MIJ-005

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed

denomination : Not applicable

Name of Parental Material : MLSA 998 x MLSR 188

Name of Reference Varieties : CSH-14 and CSH-9

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
<i>Kharif</i> or <i>Rabi</i> adaptation	<i>Kharif</i>
Plant: Time of panicle emergence (50% plants with complete spike emergence)	Medium [CSH 16]
Plant : Total height at maturity	Medium [RS 673]
Panicle : Shape	Symmetric [CSH 9]
Caryopsis: Colour after threshing	White [MAN T1]
B. Distinct Characteristics: MIJ-005 has distinguishing characters like yellow green anthocyanin colouration of coleoptile, medium time of panicle emergence, long length of blade of 3 rd leaf from top, very broad width of blade of 3 rd leaf from top, semi-compact density of panicles at maturity and short visible length of neck of panicle.	

C. Reference varieties:
1. CSH-14: It has distinguishing characters like grayed purple anthocyanin colouration of coleoptile, early time of panicle emergence, medium length of blade of 3 rd leaf from top, broad width of blade of 3 rd leaf from top, semi-loose density of panicles at maturity and long visible length of neck of panicle.
2. CSH-9: It has distinguishing characters like yellow green anthocyanin colouration of coleoptile, early time of panicle emergence, long length of blade of 3 rd leaf from top, broad width of blade of 3 rd leaf from top, semi-compact density of panicles at maturity and medium visible length of neck of panicle.

D. Date of commercialization of the variety	Commercialized since 2002.
----------------------------------------------------	----------------------------

E. Photograph (s): (See figures 03)

04. Application No.

E19	PG26	07	137
------------	-------------	-----------	------------

 filed on **22/08/2007** by **Mr. Ajay Kumar Sud, 2nd Floor, F-3, South Extension Part-1, New Delhi-110049** on behalf of **Pioneer Overseas Corporation, India Branch, 3rd Floor, Babukhans' Milenium Centre, 6-3-1099/1100, Raj Bhawan Road, Somajiguda, Hyderabad-500 082, A.P. India** for a extant (Variety of Common Knowledge) plant variety of crop **Pearl Millet** [*Pennesitum glaucum* (L.) R.Br.] having denomination **86M52**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number ----- NA -----on----- NA -----.

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

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

Passport data of the variety 86M52:

Applicant : Pioneer Overseas Corporation
Address of the Applicant : India Branch, 3rd Floor, Babukhans' Milenium Centre, 6-3-1099/1100, Raj Bhawan Road, Somajiguda, Hyderabad,-500 082, A.P. India
Nationality of Applicant : Indian
Application details
a. Number :

E19	PG26	07	137
------------	-------------	-----------	------------

b. Date of receipt : 22/08/2007
c. Date of acceptance : 09/02/2011
Crop (Taxonomical Lineage) : Pearl Millet [*Pennesitum glaucum* (L.) R.Br.]

Denomination : 86M52
Type of Variety : Extant (Variety of Common Knowledge)
Classification of Variety : Hybrid
Previously proposed denomination : Not applicable
Name of Parental Material : M096F x M082R
Name of Reference Varieties : 7686 and 7688

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant: Time of spike emergence	Medium [Pusa 23, Pusa 605, 843A]
Anther: Colour	Yellow [HHB 94, G73-107, RHRBI 458]
Spike: Shape	Conical [842B, ICMP 423, ICMH 356]
Seed: Colour	Grey [842 B, D 23]
Seed: Shape	Hexagonal [--]
<p>B. Distinct Characteristics:</p> <p>86M52 has distinguishing characters like medium time of spike emergence, long blade length, broad blade width, green plant node pigmentation, sparse plant node pubescence, yellow anther colour, grey seed colour, hexagonal seed shape, very bold weight of 1000 grains.</p>	
<p>C. Reference varieties:</p> <p>1. 7686: It has distinguishing characters like medium time of spike emergence, short blade length, broad blade width, purple plant node pigmentation, dense plant node pubescence, purple anther colour, dark grey seed colour, globular seed shape and bold weight of 1000 grains.</p> <p>2. 7688: It has distinguishing characters like very early time of spike emergence, short blade length, short blade width, purple plant node pigmentation, sparse plant node pubescence, yellow anther colour, grey seed colour, globular seed shape and bold weight of 1000 grains.</p>	
D. Date of commercialization of the variety	Commercialized since 16/01/2004.

E. Photographs: (See figures 04a, b and c)

05. Application No.

E12	ZM31	07	138
------------	-------------	-----------	------------

 filed on **22/08/2007** by **Mr. Ajay Kumar Sud, 2nd Floor, F-3, South Extension Part-1, New Delhi-110049** on behalf of **Pioneer Overseas Corporation, India Branch, 3rd Floor, Babukhans' Milenium Centre, 6-3-1099/1100, Raj Bhawan Road, Somajiguda, Hyderabad-500 082, A.P. India** for a **extant (Variety of Common Knowledge) plant variety** of crop **Maize [*Zea mays* L.]** having denomination **30V92**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA -----on----- NA -----.

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

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

Passport data of the variety 30V92:

Applicant : Pioneer Overseas Corporation
Address of the Applicant : India Branch, 3rd Floor, Babukhans' Milenium Centre, 6-3-1099/1100, Raj Bhawan Road, Somajiguda, Hyderabad,-500 082, A.P. India
Nationality of Applicant : Indian
Application details
a. Number :

E12	ZM31	07	138
------------	-------------	-----------	------------

b. Date of receipt : 22/08/2007
c. Date of acceptance : 09/02/2011
Crop (Taxonomical Lineage) : Maize [*Zea mays* L.]
Denomination : 30V92
Type of Variety : Extant (Variety of Common Knowledge)
Classification of Variety : Hybrid
Previously proposed denomination : Not applicable
Name of Parental Material : M096F x M082R
Name of Reference Varieties : 7686 and 7688

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Tassel: Time of anthesis (on middle third of main axis, 50% of plants)	Late [HKI 1126]
Ear: Time of silk emergence (50% plants)	Late [HKI 1126]
Ear: Anthocyanin colouration of silks	Absent [HKI 1025]
Plant: Length	Very long [African Tall]
Ear: Type of grain	Semi-flint/Semi-dent [HKI 1344]
B. Distinct Characteristics: 30V92 has distinguishing characters like narrow angle between main axis and lateral branches of tassel, straight attitude of lateral branches, very long plant length (up to flag leaf), long ear length without husk, conico-cylindrical ear shape, semi flint / semi-dent type of grain, yellow colour of top of grain with cap and light purple anthocyanin colouration of glumes of cob.	
C. Reference varieties: 1. 30B07: It has distinguishing characters like wide angle between main axis and lateral branches of tassel, curved attitude of lateral branches, long plant length (up to flag leaf), long ear length without husk, cylindrical ear shape, semi flint / semi-dent type of grain, yellow colour of top of grain with cap and white anthocyanin colouration of glumes of cob.	
D. Date of commercialization of the variety	Commercialized since 27/05/2003.

E. Photographs: (See figures 05a, b and c)

06. Application No.

N21	SB46	09	356
-----	------	----	-----

 filed on 31/08/2009 by M/S **Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi – 110 025** on behalf of **Devjen NV, Technologiepark 30, B-9052, Zwijnaarde, Belgium** for a new plant variety of crop **Sorghum** [*Sorghum bicolor* L.] having denomination **DGJ-020**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA-----on -----NA-----.

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

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

Passport data of the variety DGJ-020:

Applicant : Devjen NV
Address of the Applicant : Technologiepark 30, B-9052,
 Zwijnaarde, Belgium

Nationality of Applicant : Belgian

Application details

a. Number :

N21	SB46	09	356
------------	-------------	-----------	------------

b. Date of receipt : 31/08/2009

c. Date of acceptance : 30/12/2010

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

Denomination : DGJ-020

Type of Variety : New

Classification of Variety : Inbred line

Previously proposed

denomination : Not applicable

Name of Parental Material : MLSR 927 x MLSR 1172

Name of Reference Varieties : CS-3541 and AKR 150

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
<i>Kharif</i> or <i>Rabi</i> adaptation	<i>Kharif</i>
Plant: Time of panicle emergence (50% plants with complete spike emergence)	Medium [CSH 16]
Plant : Total height at maturity	Medium [RS 673]

Panicle : Shape	Symmetric [CSH 9]
Caryopsis: Colour after threshing	Yellow-white [Pant Chari 5]

B. Distinct Characteristics:

DGJ-020 has distinguishing characters like grayed purple anthocyanin colour of coleoptiles of seedling, yellow green leaf sheath anthocyanin colouration, yellow green leaf midrib colour, presence of yellow colour of mid rib of flag leaf, absence of stigma yellow colouration, medium plant total height, compact panicle density at maturity, symmetric panicle shape and lusterous grains.

C. Reference varieties:

1. CS-3541: It has distinguishing characters like yellow green anthocyanin colour of coleoptiles of seedling, yellow green leaf sheath anthocyanin colouration, yellow green leaf midrib colour, presence of yellow colour of mid rib of flag leaf, absence of stigma yellow colouration, short plant total height, semi-compact panicle density at maturity, panicle broader in upper part and non-lusterous grains.

2. AKR 150: It has distinguishing characters like yellow green anthocyanin colour of coleoptiles of seedling, grayed purple leaf sheath anthocyanin colouration, white leaf midrib colour, absence of yellow colour of mid rib of flag leaf, presence of stigma yellow colouration, short plant total height, semi-compact panicle density at maturity, panicle broader in upper part and non-lusterous grains.

D. Date of commercialization of the variety	Not commercialized.
----------------------------------------------------	---------------------

E. Photograph (s): (See figures 06)

07. Application No.

N9	PG43	09	478
-----------	-------------	-----------	------------

 filed on **03/11/2009** by **M/S Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi – 110 025** on behalf of **Devjen NV, Technologiepark 30, B-9052, Zwijnaarde, Belgium** for a new plant variety of crop **Pearl Millet** [*Pennisetum glaucum* (L.) R.Br.] having denomination **DGB-013**, the

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

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

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

Passport data of the variety DGB-013:

Applicant : Devjen NV
Address of the Applicant : Technologiepark 30, B-9052,
Zwijnaarde, Belgium
Nationality of Applicant : Belgian
Application details
a. Number :

N9	PG43	09	478
-----------	-------------	-----------	------------

b. Date of receipt : 03/11/2009
c. Date of acceptance : 20/04/2010
Crop (Taxonomical Lineage) : Pearl Millet [*Pennisetum glaucum* (L.) R.Br.]
Denomination : DGB-013
Type of Variety : New
Classification of Variety : Hybrid
Previously proposed denomination : Not applicable
Name of Parental Material : MLA-56 x MLI-1437
Name of Reference Varieties : MLBH-308 and HHB-67

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant: Time of spike emergence	Very late [HHB 117, J-2290]
Anther: Colour	Yellow [HHB 94, G 73-107, RHRBI 458]

Spike: Shape	Cylindrical [H 77/833-2, Pusa 23, D23]
Seed: Colour	Grey brown [PPMI 69, GHB 526]
Seed: Shape	Globular [843 B, HHB 67]
B. Distinct Characteristics:	
<p>DGB-013 has distinguishing characters like very late time of spike emergence, cylindrical spike shape, medium number of productive tillers, medium plant height excluding spike, grey brown seed colour, bold 1000 seed weight, medium spike length and medium spike girth at maximum point.</p>	
C. Reference varieties:	
<p>1. MLBH-308: It has distinguishing characters like late time of spike emergence, candle spike shape, low number of productive tillers, medium plant height excluding spike, gray seed colour, medium 1000 seed weight, medium spike length and thick spike girth at maximum point.</p> <p>2. HHB-67: It has distinguishing characters like very early time of spike emergence, conical spike shape, medium number of productive tillers, short plant height excluding spike, gray seed colour, medium 1000 seed weight, small spike length and medium spike girth at maximum point.</p>	
D. Date of commercialization of the variety	Not commercialized.

E. Photographs: (See figures 07)

08. Application No.

N10	PG44	09	479
------------	-------------	-----------	------------

 filed on **03/11/2009** by **M/S Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi – 110 025** on behalf of **Devjen NV, Technologiepark 30, B-9052, Zwijnaarde, Belgium** for a **new plant variety** of crop **Pearl Millet** [*Pennisetum glaucum* (L.) R.Br.] having denomination **DGB-012**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA -----on----- NA -----.

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

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

Passport data of the variety DGB-012:

Applicant : Devjen NV
Address of the Applicant : Technologiepark 30, B-9052,
 Zwijnaarde, Belgium
Nationality of Applicant : Belgian
Application details
 a. Number :

N10	PG44	09	479
------------	-------------	-----------	------------

 b. Date of receipt : 03/11/2009
 c. Date of acceptance : 19/04/2010
Crop (Taxonomical Lineage) : Pearl Millet [*Pennisetum glaucum* (L.) R.Br.]
Denomination : DGB-012
Type of Variety : New
Classification of Variety : Hybrid
Previously proposed denomination : Not applicable
Name of Parental Material : MLA-56 x MLI-1797
Name of Reference Varieties : MLBH-308 and HHB-67

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant: Time of spike emergence	Very late [HHB 117, J-2290]
Anther: Colour	Yellow [HHB 94, G 73- 107, RHRBI 458]
Spike: Shape	Cylindrical [H 77/833-2, Pusa 23, D23]
Seed: Colour	Grey [842 B, D 23]
Seed: Shape	Hexagonal [--]
B. Distinct Characteristics:	
DGB-012 has distinguishing characters like very late time of spike emergence, medium spike	

length, thick spike girth at maximum point, cylindrical spike shape, medium number of productive tillers, medium plant height (excluding spike), very compact spike density, hexagonal seed shape and bold seed weight of 1000 grains.

C. Reference varieties:

1. MLBH-308: It has distinguishing characters like late time of spike emergence, medium spike length, thick spike girth at maximum point, candle spike shape, low number of productive tillers, medium plant height (excluding spike), compact spike density, globular seed shape and medium seed weight of 1000 grains.

2. HHB-67: It has distinguishing characters like very early time of spike emergence, small spike length, medium spike girth at maximum point, conical spike shape, medium number of productive tillers, short plant height (excluding spike), compact spike density, globular seed shape and medium seed weight of 1000 grains.

D. Date of commercialization of the variety

Not commercialized.

E. Photographs: (See figures 08)

09. Application No.

N12	PG46	09	481
------------	-------------	-----------	------------

 filed on **03/11/2009** by **M/S Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi – 110 025** on behalf of **Devjen NV, Technopark 30, B-9052, Zwijnaarde, Belgium** for a **new plant variety** of crop **Pearl Millet** [*Pennisetum glaucum* (L.) R.Br.] having denomination **DGB-015**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----NA -----on----- NA -----.

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

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

Passport data of the variety DGB-015:

Applicant : Devjen NV
Address of the Applicant : Technologiepark 30, B-9052,
 Zwijnaarde, Belgium
Nationality of Applicant : Belgian
Application details
 a. Number :

N12	PG46	09	481
------------	-------------	-----------	------------

 b. Date of receipt : 21/05/2007
 c. Date of acceptance : 19/04/2010
Crop (Taxonomical Lineage) : Pearl Millet [*Pennisetum glaucum* (L.) R.Br.]
Denomination : DGB-015
Type of Variety : New
Classification of Variety : Hybrid
Previously proposed denomination : Not applicable
Name of Parental Material : IGP-8960 x IGP-8994
Name of Reference Varieties : Shradha, MH-169, JKBH-26 and PHI-7688

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant: Time of spike emergence	Late [GHB 316, ICMH 451]
Anther: Colour	Brown [842 B, 81B]
Spike: Shape	Conical [842B, ICMP 423, ICMH 356]
Seed: Colour	Deep grey [GHB 558]
Seed: Shape	Hexagonal [--]
B. Distinct Characteristics:	
<p>DGB-015 has distinguishing characters like late time of spike emergence, brown anther colour, medium spike length, thick spike girth at maximum point, conical spike shape, low number of productive tillers, tall plant height excluding spike, very compact spike density, deep grey seed colour, hexagonal seed shape and bold 1000 seed weight.</p>	

C. Reference varieties:

1. MLBH-308: It has distinguishing characters like late time of spike emergence, yellow anther colour, medium spike length, thick spike girth at maximum point, candle spike shape, low number of productive tillers, medium plant height excluding spike, compact spike density, gray seed colour, globular seed shape and medium 1000 seed weight.

2. HHB-67: It has distinguishing characters like very early time of spike emergence, yellow anther colour, small spike length, medium spike girth at maximum point, conical spike shape, medium number of productive tillers, short plant height excluding spike, compact spike density, gray seed colour, globular seed shape and medium 1000 seed weight.

D. Date of commercialization of the variety	Not commercialized.
----------------------------------------------------	---------------------

E. Photographs: (See figures 09)

Hkkjrh; i k' kh fdLe tjuy [kM 05] v d - 04] 01 v çy, 2011 ea

vf/kl vpr i R; k' kh fdLe ds fp=

**Photograph of candidate varieties notified in Plant Variety Journal of India,
Vol. 5, No.- 04, April 01, 2011**

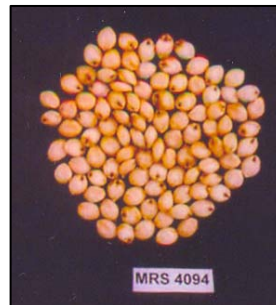
fp= 01%

Figure 01: Sorghum: MRS 4094



fp= 01%

Figure 01a: General view of the glume

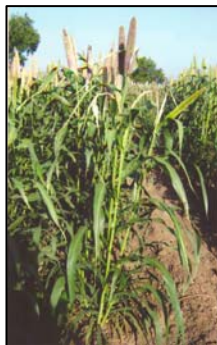


fp= 01%

Figure 01b: General view of the grain shape

fp= 02%

Figure 02: Pearl Millet: MRB 204



fp= 02%

Figure 02a: General view of plant growth habit



fp= 02%

Figure 02b: General view of anther colour



fp= 02%

Figure 02c: General view of Node pigmentation



fp= 02%

Figure 02d: General view of Spike shape

fp= 03%

Figure 03: Sorghum: MIJ-005



fp= 03%

Figure 03: General view of the crop

fp= 04%

Figure 04: Pearl Millet: 86M52



fp= 04%

Figure 04a: General view of leaf



fp= 04%

Figure 04b: General view of node and ligules



fp= 04%

Figure 04c: General view of spike

fp= 05%

Figure 05: Maize: 30V92



fp= 05%

Figure 05a: General view of plant



fp= 05%

Figure 05b: General view of tassel



fp= 05%

Figure 05c: General view of glume and grain

fp= 06%

Figure 06: Sorghum: DGJ-020



fp= 06%

Figure 06: General view of crop

fp= 07%

Figure 07: Pearl Millet: DGB-013



fp= 07%

Figure 07: General view of crop

fp= 08%

Figure 08: Pearl Millet: DGB-012



fp= 08%

Figure 08: General view of crop

fp= 09%

Figure 09: Pearl Millet: DGB-015



fp= 09%

Figure 09: General view of spike