



सत्यमेव जयते

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GOVERNMENT OF INDIA

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

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



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GOVERNMENT OF INDIA

भारतीय पौधा किस्म जर्नल, खण्ड 06, अंक 10
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NASC Complex, DPS Marg, Opp. Todapur Village, New Delhi – 110 012

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

Plant Variety Journal of India is the Official Journal of the Protection of Plant Varieties and Farmers' Rights Authority (PPV & FRA) published by the Registrar on behalf of the Chairperson, PPV & FRA, 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.

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 40 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. 71 of 2012

(1) Registration Number and date of grant:- **71 of 2012 & 02/07/2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **HI 1418**

(4) Name of:

Family: **Poaceae**
Genus: ***Triticum***
Species: ***aestivum***

Variety and common name: **Extant/Bread Wheat**

(5) Parentage and geographical location of the variety:-
HI 999 X HI 601

IARI, Regional Station, Indore

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

Green foliage colour, absence of waxiness of flag leaf blade, absence of ear waxiness, weak waxiness of culm neck, parallel ear shape and bent peduncle attitude.

(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.
HI 1418 has been commercialized since 2000.

Certificate of Registration No. 72 of 2012

(1) Registration Number and date of grant:- **72 of 2012 & 02/07/2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **VL GEHUN-738(VL-738)**

(4) Name of:

Family: **Poaceae**
Genus: ***Triticum***
Species: ***aestivum***

Variety and common name: **Extant/ Bread Wheat**

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

**LIRA "S" X VEE "S"
VPKAS, Almora**

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

Dark green foliage colour, erect attitude of flag leaf, medium time of ear emergence, long plant height, very strong waxiness of flag leaf, sheath & blade, very strong ear waxiness and very strong waxiness of neck.

(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 GEHUN-738(VL-738) has been commercialized since 1997.

Certificate of Registration No. 73 of 2012

(1) Registration Number and date of grant:- **73 of 2012 & 02/07/2012**

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

**Maharana Pratap University of Agriculture & Technology,
MPUAT, Udaipur-313001**

(3) Denomination of the variety:- **Pratap Jawar-1430(SPY-1430)**

(4) Name of:

Family: **Poaceae**
Genus: ***sorghum***
Species: ***bicolor***

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

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

**Selection from SPV-96
All India Coordinated Sorghum Improvement Project (AICSIP), Department of
Plant Breeding and Genetics, Rajasthan College of Agriculture, MPUAT, Udaipur-
313001, Rajasthan**

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

Medium time of panicle emergence, medium stigma length, greyed orange glume colour, medium plant height and stem diameter, semi compact panicle density at maturity, symmetric panicle shape, yellow-white caryopsis colour after threshing greyed yellow grain colour of vitreous albumin.

(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.

Pratap Jawar-1430(SPY-1430) has been commercialized since 2004.

Certificate of Registration No. 74 of 2012

(1) Registration Number and date of grant:- **74 of 2012 & 02/07/2012**

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

**Mahatma Phule Krishi Vidyapeeth (MPKV),
Rahuri-413722(Maharashtra)**

(3) Denomination of the variety:- **Uttra (RSSGV-3)**

(4) Name of:

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

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

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

**Selection from local landrace RSSGV-3
All India Co-ordinated Sorghum Improvement Project. Mahatma Phule Krishi
Vidyapeeth (MPKV), Rahuri 413 722, Maharashtra**

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

**Non-tan plant pigmentation, very long plant height, panicle broader in lower part,
compact panicle density, yellow white caryopsis colour after threshing & greyed
purple glume 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.

Uttra (RSSGV-3) has been commercialized since 2007.

Certificate of Registration No. 75 of 2012

(1) Registration Number and date of grant:- **75 of 2012 & 02/07/2012**

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

**Mahatma Phule Krishi Vidyapeeth (MPKV),
Rahuri-413722(Maharashtra)**

(3) Denomination of the variety:- **Vasudha (RSV-423)**

(4) Name of:

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

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

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

RSLG 206 X SPV 1047

**All India Co-ordinated Sorghum Improvement Project, Mahatma Phule Krishi
Vidyapeeth (MPKV), Rahuri 413722, Maharashtra**

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

**Greyed purple plant pigmentation, medium plant height, leaf sheath waxiness
medium, panicle breeder in lower part, semi compact panicle density, circular grain
shape, yellow white caryopsis, greyed-yellow glume 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.

Vasudha (RSV-423) has been commercialized since 2008.

Certificate of Registration No. 76 of 2012

- (1) Registration Number and date of grant:- **76 of 2012 & 02/07/2012**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-

**Marathwada Agricultural University (MAU),
Parbhani-431402, Maharashtra**

- (3) Denomination of the variety:- **Parbhani Sweta (PVK- 801)(SPV-1333)**

- (4) Name of:

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

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

- (5) Parentage and geographical location of the variety:-
Selection form GDLP 34-5-5-3

**All India Coordinated Sorghum Improvement Project. Sorghum Research Station.
Marathwada Agricultural University, Parbhani 431 401, Maharashtra**

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

Yellow-green plant pigmentation, medium plant height, symmetric panicle shape, semi compact panicle density, elliptic grain shape, yellow white caryopsis after threshing, grayed yellow glume colour, adapted to Kharif season.

- (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.
Parbhani Sweta (PVK- 801)(SPV-1333) has been commercialized since 2000.

Certificate of Registration No. 77 of 2012

- (1) Registration Number and date of grant:- **77 of 2012 & 02/07/2012**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-

**Mahatma Phule Krishi Vidyapeeth (MPKV),
Rahuri-413722, Ahmednagar District Maharashtra**

- (3) Denomination of the variety:-
RSLG-262(Maulee)

- (4) Name of:
Family: **Poaceae**
Genus: ***Sorghum***
Species: ***bicolor***

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

- (5) Parentage and geographical location of the variety:-
From local landrace RSLG-262

**All India Co-ordinated Sorghum Improvement Project, Mahatma Phule Krishi
Vidyapeeth (MPKY), Rahuri 413 722, Maharashtra**

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

**Non-tan plant pigmentation, medium plant height, medium leaf sheath waxiness
panicle shape: broader in lower part, semi compact panicle density, circular grain
shape, yellow-white caryopsis colour after threshing, greyed red glume colour and
adapted to rabi season.**

- (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.

RSLG-262(Maulee) has been commercialized since 2007.

Certificate of Registration No. 78 of 2012

(1) Registration Number and date of grant:- **78 of 2012 & 02/07/2012**

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

**Dr, Punjab Rao Deshmukh Krishi Vidyapeeth,
P.O Krishinagar, Akola-444104 (Maharashtra)**

(3) Denomination of the variety:- **PKV HY-5(CAHH-99)**

(4) Name of:

Family: **Malvaceae**

Genus: ***Gossypium***

Species: ***hirsutum***

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

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

CAK-053A X AKH-02R

**Cotton Research Unit, Dr. Panjabrao Deshmukh Krishi Vidyapeeth. Akola P.O.
Krishinagar. Akola 444 104, Maharashtra**

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

Semi-spreading growth habit, medium tall plant height, sparse leaf hairiness, medium time of flowering, yellow pollen colour, absence of petal spot, medium seed index and high ginning percentage.

(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.

PKV HY-5(CAHH-99) has been commercialized since 2004.

Certificate of Registration No. 79 of 2012

(1) Registration Number and date of grant:- **79 of 2012 & 02/ 07/2012**

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

**Dr. Ram Chet Chaudhary, Chairman, PRDF,
59, Canal Road, Shivpur-Shabazgang,
P.O Jungle Salikvan, Gorakhpur-273014 (Uttar Pradesh)**

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

(4) Name of:

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

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

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

Kalanamak selection from bulk KN3 and purified as KN3-27-3-3

**Regional Agricultural Training & Demonstration Centers of the Department of
Agriculture U. P. in Azamgarh, Barabanki, and Varanasi Divisions**

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

**Late time of flowering, publish black lemma and palea colour and low grain weight
of 1000 fully developed 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.

KN 3 has been commercialized since 2010.

Certificate of Registration No. 80 of 2012

(1) Registration Number and date of grant:- **80 of 2012 & 02/07/2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **Improved Samba Mahsuri**

(4) Name of:

Family: **Poaceae**

Genus: ***Oryza***

Species: ***sativa***

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

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

Samba Mahsuri *4/SS 1113

Directorate of Rice Research, Rajendranagar, Hyderabad 500 030, India

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

Strong pubescence of leaf blade surface, medium time heading, erect attitude of flag leaf blade, semi erect curvature of panicle, yellowish colour of tip of spikelet lemma, absence of panicle awns, medium length of decorticated grain, medium content of amylose in endosperm.

(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.

Improved Samba Mahsuri has been commercialized since 2008

Certificate of Registration No. 81 of 2012

(1) Registration Number and date of grant:- **81 of 2012 & 02/07/2012**

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

**Orissa University of Agriculture and Technology
Bhubaneswar, P.O Baramunda, PS: Khandagiri,
Distt: Kurda, Orissa-751003**

(3) Denomination of the variety:- **ORT(M) 2-4 (Parbati)**

(4) Name of:

Family: *Brarssicaceae*

Genus: *Brasica*

Species: *rapa*

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

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

Mutant of BT-4

Central Research Station, EB-1 site, OUAT, Bhubaneswar

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

Low number of lobes of leaf, early time of flowering, medium length of main stem of the plant, medium number of seeds per siliqua, very broad size of basal leaf and basal branching.

(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.

ORT(M) 2-4 (Parbati) has been commercialized since 2001.

Certificate of Registration No. 82 of 2012

(1) Registration Number and date of grant:- **82 of 2012 & 02/07/2012**

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

**Orissa University of Agriculture and Technology
Bhubaneswar, P.O Baramunda, PS: Khandagiri,
Distt: Kurda, Orissa-751003**

(3) Denomination of the variety:- **ORT (M) 6-2 (Anuradha)**

(4) Name of:

Family: *Brassicaceae*

Genus: *Brassica*

Species: *rapa*

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

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

Mutant of TS-29

Central Research Station, EB-I site, OUAT, Bhubaneswar

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

Low number of lobes of leaf, early time of flowering, medium length of main stem of the plant, medium number of seeds per siliqua, medium size of the basal leaf and profuse branching.

(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.

ORT (M) 6-2 (Anuradha) has been commercialized since 2004.

Certificate of Registration No. 83 of 2012

- (1) Registration Number and date of grant:- **83 of 2012 & 02/07/2012**
- (2) Name and address of applicant or breeder in whose name the certificate has been issued or registered:-

**Orissa University of Agriculture and Technology
Bhubaneswar, P.O Baramunda, PS: Khandagiri,
Distt: Kurda, Orissa-751003**

- (3) Denomination of the variety:- **Nirmala (OS-Sel-164)**

- (4) Name of:

Family: **Pedaliaceae**

Genus: ***Sesamum***

Species: ***indicum***

Variety and common name: **Extant/Seasame (Til)**

- (5) Parentage and geographical location of the variety:-
Mutant of variety "TILOTTAMA" (B-67)

**Research field of All India Coordinated Research Project on Oilseeds (Sesamum)
located at Central Farm, Orissa University of Agriculture and Technology,
Bhubaneswar, Orissa**

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

Medium height of plant, main stem, absence of stem hairness, medium branching of plant, erect appearance of plant, large size of leaf, slightly lobed leaf, medium time of flowering, light purple colour of flower petal, broad oblong shape of capsule, light brown colour of seed coat, medium 1000 seed weight, medium content of seed oil, medium days to 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:
Nirmala (OS-Sel-164) has been commercialized since 2003.

Certificate of Registration No. 84 of 2012

(1) Registration Number and date of grant:- **84 of 2012 & //2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **Deepak (DCH-177)(Hybrid)**

(4) Name of:

Family: **Euphorbiaceae**

Genus: ***Ricinus***

Species: ***communis***

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

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

DPC-9 X DCS-9

Directorate of Oilseeds Research, Rajendranagar, Hyderabad 500 030, Andhra Pradesh

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

Absence of leaf waxi bloom on upper side, absence of leaf waxi bloom on lower side, early time of 50% flowering of plant, rough surface of petiole, mostly female type of flowers inflorescence on primary spike, semi compact inflorescence spike, dense spininess of capsule, medium seed weight of 100 seeds (g) and oval 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.

Deepak (DCH-177)(Hybrid) has been commercialized since 2001.

Certificate of Registration No. 86 of 2012

(1) Registration Number and date of grant:- **86 of 2012 & //2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **JAWALA (48-1)**

(4) Name of:

Family: **Euphorbiaceae**

Genus: ***Ricinus***

Species: ***communis***

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

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

**High oil mutant X Mauthner's Dwarf
Directorate of Oilseeds Research, Rajendranagar, Hyderabad 500 030, Andhra Pradesh**

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

High number of nodes on main stem and loss compactness of spike inflorescence.

(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.

JAWALA (48-1) has been commercialized since 2007.

Certificate of Registration No. 87 of 2012

(1) Registration Number and date of grant:- **87 of 2012 & 02/07/2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **Geetanjali (CRM-2007-1)(IET-17276)**

(4) Name of:

Family: **Poaceae**

Genus: ***Oryza***

Species: ***sativa***

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

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

Basmati-370

Central Rice Research Institute (CRRI) Cuttack-753006, Orissa

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

Medium time of heading and medium stem 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.

Geetanjali (CRM-2007-1)(IET-17276) has been commercialized since 2006.

Certificate of Registration No. 88 of 2012

(1) Registration Number and date of grant:- **88 of 2012 & 02/07/2012**

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

**Maharashtra Hybrid Seed Company Limited
Resam Bhawan,4th Floor,78 Veer Nariman Road
Mumbai-400020(Maharashtra).**

(3) Denomination of the variety:- **J 1127**

(4) Name of:

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

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

(5) Parentage and geographical location of the variety:-
(4428-2 X C 43)-14-1-1-1-1

Mahyco Research Farms across various locations across India

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

Yellow green seedling anthocyanin colouration of coleoptiles, tan anthocyanin colouration of leaf sheath at 5th leaf stage, medium stigma length, grayed red glume colour, circular grain shape in profile view.

(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. **NA**

Certificate of Registration No. 89 of 2012

(1) Registration Number and date of grant:- **89 of 2012 & 02/07/2012**

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

**Monsanto India Limited, 5th floor, Ahura Centre,
96, Mahakali Kaves Road, Andheri (East.)
Mumbai-400093**

(3) Denomination of the variety:- **MIM 612**

(4) Name of:

Family: **Poaceae**

Genus: **zea**

Species: **mays**

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

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

POP712-1

Bangalore

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

Presence of anthocyanin colouration of brace roots and yellow colour of top of grains of ear along with narrow angle between main axis and lateral branches of tassel.

(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: **NA**

Certificate of Registration No. 90 of 2012

(1) Registration Number and date of grant:- **90 of 2012 & 02/07/2012**

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

**J.K Agri Genetics Limited, 1-10-177
4th floor, Varun Towers, Begumpet,
Hyderabad-50006 (Andhra Pradesh)**

(3) Denomination of the variety:- **JKMH-142(WHITE)**

(4) Name of:

Family: **Poaceae**

Genus: **Zea**

Species: **mays**

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

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

(MW2 X MW3) X MW1

**R & D Center, JK Agri Genetics Ltd , Ravalkole Village Medchal Mandal District
Ranga Reddy, Andhra Pradesh**

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

**Curved tassel attitude of lateral branches, presence of ear anthocyanin colouration
of silk (on day of emergence) long plant length and conical ear 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. **NA**

Certificate of Registration No. 91 of 2012

(1) Registration Number and date of grant:- **91 of 2012 & 02/08/2012**

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

**J.K Agri Genetics Limited, 1-10-177
4th floor, Varun Towers, Begumpet,
Hyderabad-50006 (Andhra Pradesh)**

(3) Denomination of the variety:- **JKMH-502**

(4) Name of:

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

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

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

**M104 X M101
R&D Center, JK Agri Genetics Ltd, Ravalkole Village Medchal Mandal District
Ranga Reddy, Andhra Pradesh**

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

Dropping leaf attitude of blade, present anthocyanin colouration of glumes excluding base and anthers, wide tassel angle between main axis and lateral branches, long tassel length, present ear anthocyanin colouration of silks, absent leaf anthocyanin colouration of sheath, medium plant ear placement, cylindrical ear shape, dark purple ear colour of glume.

(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.

JKMH-502 has been commercialized since 2009

Certificate of Registration No. 92 of 2012

(1) Registration Number and date of grant:- **92 of 2012 & 02/08/2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **TMB-37(TM 99-37)**

(4) Name of:

Family: **Pipilionaceae**

Genus: ***Vigna***

Species: ***radiata***

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

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

Kopergaon X TARM 2

Nuclear Agriculture and Biotechnology Division, BARC, Mumbai

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

Early maturity, photo insensitive and resistant to powdery mildew.

(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.

TMB-37(TM 99-37) has been commercialized since 2005.

Certificate of Registration No. 93 of 2012

(1) Registration Number and date of grant:- **93 of 2012 & 02/08/2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **DBW-14**

(4) Name of:

Family: **Poaceae**
Genus: ***Triticum***
Species: ***aestivum***

Variety and common name: **Extant/Bread Wheat**

(5) Parentage and geographical location of the variety:-
RAJ 3765 PBW 343

Directorate of Wheat Research, Karnal, Haryana

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

Medium lower glume shoulder width, square lower glume should shape, moderately curved lower glume beak shape and very dark grain colouration with phenol.

(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.
DBW-14 has been commercialized since 2003.

Certificate of Registration No. 94 of 2012

(1) Registration Number and date of grant:- **94 of 2012 & 02/08/2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **SWAPNIL (JWS-17)**

(4) Name of:

Family: **Poaceae**
Genus: ***Triticum***
Species: ***aestivum***

Variety and common name: **Extant/Bread Wheat**

(5) Parentage and geographical location of the variety:-
Selection from HUW 334

JNKW, Regional Research Station, Sagar (MP)

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

Drooping flag leaf attitude, very strong waxiness of sheath, very strong ear waxiness, absence of outer glume pubescence, round lower glume shoulder shape, straight lower glume beak shape and medium brush hair 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.

SWAPNIL (JWS-17) has been commercialized since 1997.

Certificate of Registration No. 95 of 2012

(1) Registration Number and date of grant:- **95 of 2012 & 02/08/2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **Shalimar Wheat-1(SKW-196)**

(4) Name of:

Family: **Poaceae**
Genus: ***Triticum***
Species: ***aestivum***

Variety and common name: **Extant/Bread Wheat**

(5) Parentage and geographical location of the variety:-
BSP-93.21

Division of Plant Breeding and Genetics, SKUA&T, Srinagar

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

Semi erect leaf attitude, medium time of ear emergence, medium ear waxiness, weak ear waxiness of leaf sheath, medium ear density, sloping shoulder shape of lower glume and long beak length of lower glume.

(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 Wheat-1(SKW-196) has been commercialized since 2005.

Certificate of Registration No. 96 of 2012

(1) Registration Number and date of grant:- **96 of 2012 & 02/08/2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **GW-366**

(4) Name of:

Family: **Poaceae**
Genus: ***Triticum***
Species: ***aestivum***

Variety and common name: **Extant/Bread Wheat**

(5) Parentage and geographical location of the variety: -
1.DL 802-3 2.GW-232

WRS, Junagadh Agricultural Univeristy, Junagadh

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

Very strong anthocyanin colouration of auricles, semi erect flag leaf attitude, medium time of emergence, very dark grain colouration with phenol and bold 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.
GW-366 has been commercialized since 2007.

Certificate of Registration No. 97 of 2012

(1) Registration Number and date of grant:- **97 of 2012 & 02/08/2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **Narendra Wheat-2036**

(4) Name of:

Family: **Poaceae**
Genus: ***Triticum***
Species: ***aestivum***

Variety and common name: **Extant/Bread Wheat**

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

1.BOW 2.CROW

NDUA & T, Kumarganj, Faizabad

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

Tapering ear shape, long ear length, dark colouration of grains with phenol.

(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.

Narendra Wheat-2036 has been commercialized since 2003.

Certificate of Registration No. 98 of 2012

- (1) Registration Number and date of grant:- **98 of 2012 & 02/08/2012**
- (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, New Delhi-110114**

- (3) Denomination of the variety:- **Pratap Makka-5(EC-3116)**

- (4) Name of:

Family: **Poaceae**

Genus: **Zea**

Species: **mays**

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

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

Bulk of 11 HS Progenies selected from C3 cycle of NP-2

The Instructional Farm, Rajasthan College of Agriculture, MPUAT, Udaipur

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

Medium plant ear placement and white colour of ear 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.

Pratap Makka-5(EC-3116) has been commercialized since 2006.

Certificate of Registration No. 99 of 2012

(1) Registration Number and date of grant:- **99 of 2012 & 02/08/2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **Danteshwari (IET No. 15450, R-302-111)**

(4) Name of:

Family: **Poaceae**

Genus: ***Oryza***

Species: ***sativa***

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

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

Samridhi / IR 8608-298

Indira Agricultural University, Raipur-492012, Chhattisgarh

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

Medium leaf pubescence of blade surface, early time of heading, semi erect flag leaf attitude of blade, strong spikelet density of pubescence of lemma, light purple spikelet colour of stigma, short panicle length of main axis, horizontal flag leaf attitude of blade, white spikelet colour of tip of lemma, absence of panicle awns, semi erect to spreading panicle attitude of braces etc.

(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.

Danteshwari (IET No. 15450, R-302-111) has been commercialized since 2001.

Certificate of Registration No. 100 of 2012

(1) Registration Number and date of grant:- **100 of 2012 & 02/08/2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **PR-116**

(4) Name of:

Family: **Poaceae**

Genus: ***Oryza***

Species: ***sativa***

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

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

PR 108 / PAU 1628

**Regional Rice Research Station (Punjab Agricultural University), Kapurthala,
Punjab**

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

Strong leaf pubescence of blade surface, erect flag leaf attitude of blade, weak spikelet density of pubescence of lemma, short panicle length of main axis, semi-straight panicle curvature of main axis, yellowish spikelet colour of tip of lemma, spreading panicle attitude of branches, well exerted panicles, straw sterile lemma colour, medium decorticated grain width and long bold decorticated grain 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.

PR-116 has been commercialized since 2001.

Certificate of Registration No. 101 of 2012

(1) Registration Number and date of grant:- **101 of 2012 & 02/08/2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **Gujarat Gram-4(GCP-105)**

(4) Name of:

Family: **Leguminales**

Genus: ***Cicer***

Species: ***arietinum***

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

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

ICCL 84224 X Annegeri 1

**Pulses Research Station, Junagadh Agricultural University Junagadh 362001
(Gujarat)**

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

Short plant height, dark green colour of foliage, medium leaflet size, long peduncle length, medium pod size, dark brown seed colour and very small pea shaped 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.

Gujarat Gram-4(GCP-105) has been commercialized since 2000.

Certificate of Registration No. 102 of 2012

(1) Registration Number and date of grant:- **102 of 2012 & 02/08/2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **J.G. 11**

(4) Name of:

Family: **Leguminales**

Genus: ***Cicer***

Species: ***arietinum***

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

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

Phule G 5 X Narsingpur bold

JNKW, Sehore, PKV, Akola and ICRISAT, Asia Centre, Patancheru, Hyderabad

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

Short plant height, medium stem height at initiation of first flower, semi-erect plant growth habit, medium green colour intensity of foliage, 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.

J.G. 11 has been commercialized since 1999.

Certificate of Registration No. 103 of 2012

(1) Registration Number and date of grant:- **103 of 2012 & 02/08/2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **Malviya Wheat-468(HUW-468)**

(4) Name of:

Family: **Poaceae**
Genus: ***Triticum***
Species: ***aestivum***

Variety and common name: **Extant/Bread Wheat**

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

1.CPAN 1962 2. LIRA 3. PARULA

Institute of Agricultural Sciences, BHU, Varanasi

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

Very short flag leaf anthocyanin colouration of auricles, lax ear density, absence of flag leaf waxiness of blade and semi hard grain hardness.

(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.

Malviya Wheat-468(HUW-468) has been commercialized since 1999.

Certificate of Registration No. 104 of 2012

(1) Registration Number and date of grant:- **104 of 2012 & 02/08/2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **JRC-698 (Shrabanti White PBC-6)**

(4) Name of:

Family: **Tiliaceae**
Genus: ***Corchorus***
Species: ***capsularis***

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

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

Dialled cross among the thirteen parents (JRC 321, Tripura capsularis, JRC 212 X JRC 918 and covdat leaf, Chinese 1, Egypt-S5, EC-41336, EC-101572, Cap. MinlandChina, Japaness Green, EC-117165)

Central Research Institute for Jute and Allied Fibres (CRIJAF) Main Farm, Barrackpore

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

(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.

JRC-698(Shrabanti White PBC-6) has been commercialized since 1999

Certificate of Registration No. 105 of 2012

(1) Registration Number and date of grant:- **105 of 2012 & 02/08/2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **Bidhan Pat 3(D-110)**

(4) Name of:

Family: **Tiliaceae**
Genus: ***Corchorus***
Species: ***capsularis***

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

(5) Parentage and geographical location of the variety:-
D 154 X D 18

R&D Farm of VAL (Main farm)

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

Fairly average fibre strength.

(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.

Bidhan Pat 3(D-110) has been commercialized since 2001.

Certificate of Registration No. 106 of 2012

(1) Registration Number and date of grant:- **106 of 2012 & 02/08/2012**

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

**Dr. Punjabrao Deshmukh Krishi Vidyapeeth,
Krishinagar, Akola-444104(Maharashtra)**

(3) Denomination of the variety:- **PKV HMT**

(4) Name of:

Family: **Poaceae**

Genus: ***Oryza***

Species: ***sativa***

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

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

Selection from local variety HMT Sona

Agriculture Research Station, Sindewahi Dist. Chandrapur (M.S.)

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

Light intensity of green colour of leaf, absence of pubescence of blade surface of leaf auricles, medium time of heading, erect attitude of blade, presence of awns, well exerted panicles, short decorticated grain length, short slender decorticated grain shape, light brown decorticated grain colour, medium endosperm amylose content and absence of decorticated grain aroma .

(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.

PKV HMT has been commercialized since 2008.

Certificate of Registration No. 107 of 2012

(1) Registration Number and date of grant:- **107 of 2012 & 02/08/2012**

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

**Dr. Punjabrao Deshmukh Krishi Vidyapeeth,
Krishinagar, Akola-444104(Maharashtra).**

(3) Denomination of the variety:- **AKA-7(AKA-8307)**

(4) Name of:

Family: **Malvaceae**

Genus: ***Gossypium***

Species: ***arboreum***

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

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

(Petaloidy X Chandronela) X AC-69

**Cotton Research Unit, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola P.O.
Krishinagar, Akola 444 104, Maharashtra State**

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

Digitate leaf shape, green leaf colour, late flowering, ovate boll shape, medium weight of seed cotton/boll, medium seed index and very high ginning percentage.

(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.

AKA-7(AKA-8307) has been commercialized since 2001.

Certificate of Registration No. 108 of 2012

(1) Registration Number and date of grant:- **108 of 2012 & 02/08/2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **NAH-2049**

(4) Name of:

Family: **Poaceae**

Genus: **Zea**

Species: **mays**

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

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

NAI 197 (Population 147-F2-#-89-3-2-B-1-B) X MAI 105 (F-720-X-87-X-88#89-F2#8-3)

AR.S,Naganahalli, Mysore-3 and ZAR.S, V.C. Farm, Mandva - 571405, Karnataka

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

Small angle between leaf and stem, medium time of anthesis,presence of anthocyanin colouration at base of glume and glumes excluding base, curved attitude of lateral branches, medium time of silk emergence, absence of anthocyanin colouration of leaf sheath, broad leaf width, long ear length without husk, long 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.

NAH-2049 has been commercialized since 2009.

Certificate of Registration No. 109 of 2012

(1) Registration Number and date of grant:- **109 of 2012 & 02/08/2012**

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

**Dr. Punjabrao Deshmukh Krishi Vidyapeeth,
Krishinagar, Akola-444104(Maharashtra)**

(3) Denomination of the variety:- **AKH-8828**

(4) Name of:

Family: **Malvaceae**

Genus: ***Gosypium***

Species: ***hirsutum***

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

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

PKV-0802 X BOS 795

**Cotton Research Unit,Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola, P.O.
Krishinagar, Akola 444 104, Maharashtra**

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

Small weight of seed cotton/boll, medium round boll shape, very high ginning percentage, medium long fibre length, very fine micronaire value and weak fibre strength.

(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.

AKH-8828 has been commercialized since 2008.

Certificate of Registration No. 110 of 2012

(1) Registration Number and date of grant:- **110 of 2012 & 02/08/2012**

(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, New Delhi-110114**

(3) Denomination of the variety:- **Monalisa (RRPS-27-C-3)**

(4) Name of:

Family: **Tiliaceae**
Genus: **Corchorus**
Species: **capsularis**

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

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

JRC 321 X NPL/KUC/094C

CRIJAF Main Farm, Barrackpore, West Bengal

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

Red stem colour, ovate-lanceolate leaf shape, very fine fibre fineness, average and weak fibre strength, late time of 50% flowering, green pod pigmentation and extra 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.

Monalisa (RRPS-27-C-3) has been commercialized since 2009.

Certificate of Registration No. 111 of 2012

(1) Registration Number and date of grant:- **111 of 2012 & 02/08/2012**

(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, New Delhi-110114**

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

(4) Name of:

Family: **Poaceae**
Genus: ***Triticum***
Species: ***aestivum***

Variety and common name: **Extant/Bread Wheat**

(5) Parentage and geographical location of the variety:-
Selection from VL-746

SKAUST -K, Regional Agricultural Research Station, Leh Ladakh (J&K)

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

Medium anthocyanin colouration of flag leaf auricles, medium hairs on flag leaf auricles, weak waxiness of culm of neck and moderately curved shape of lower glume beak.

(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.

Kailash has been commercialized since 2005.