



सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA

भारतीय पौधा किस्म जर्नल

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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

भारतीय पौधा किस्म जरनल, खण्ड 05, अंक 07
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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

List of registered varieties (Section 25)

As per requirement under section 25 of the PPV & FR Act, 2001 the list of eleven varieties which have been registered on 07.03.2011 are published herewith:

S. No.	Registration No. / date of issue	Denomination of the candidate variety	Name of crop & Species	Name of Applicant	Applicant Address
1.	1 of 2011 /07.03.11	Kaushambi (HW-2045)	Bread wheat (<i>Triticum aestivum</i> L.)	Indian Council of Agricultural Research (ICAR)	Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110 114
2.	2 of 2011 /07.03.11	NIAW-301 (Trimbak)	Bread wheat (<i>Triticum aestivum</i> L.)	---do---	---do---
3.	3 of 2011 /07.03.11	Amar (HW 2004)	Bread wheat (<i>Triticum aestivum</i> L.)	---do---	---do---
4.	4 of 2011 /07.03.11	Bhavani (HW-1085)	Bread wheat (<i>Triticum aestivum</i> L.)	---do---	---do---
5.	5 of 2011 /07.03.11	Narendra Wheat 1012	Bread wheat (<i>Triticum aestivum</i> L.)	---do---	---do---
6.	6 of 2011 /07.03.11	Vivek Maize Hybrid-21 (FH-3211)	Maize (<i>Zea mays</i> L.)	---do---	---do---
7.	7 of 2011 /07.03.11	Pratap Makka-4 (EC-1108)	Maize (<i>Zea mays</i> L.)	---do---	---do---
8.	8 of 2011 /07.03.11	Pratap Makka-3 (EC-3108)	Maize (<i>Zea mays</i> L.)	---do---	---do---
9.	9 of 2011 /07.03.11	NAC 6004	Maize (<i>Zea mays</i> L.)	---do---	---do---
10.	10 of 2011 /07.03.11	NAC-6002	Maize (<i>Zea mays</i> L.)	---do---	---do---
11.	11 of 2011 /07.03.11	30 B 07 (X-1280 M)	Maize (<i>Zea mays</i> L.)	Pioneer Overseas Corporation – India Branch Office	3 rd & 4 th Floor, Babukans' Millennium Centre, 6-3-1099/1100, Raj Bhavan road, Somajiguda, Hyderabad-500082, A.P., India

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.

E01	VR 01	07	130
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 filed on **01/08/2007** by **Dr. IS Halakude**, Research Manager, Nirmal Seeds Private Limited, P.O. Box-63, Bhadgaon Road, Pachora-424201 on behalf of Nirmal Seeds Private Limited, P.O. Box-63, Bhadgaon Road, Pachora-424201 India for a extant (Variety of Common Knowledge) plant variety of crop **Green gram** (*Vigna radiata* L. Wilczek) having denomination **NAVAL (NVL-1)**, the specification including 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 NAVAL (NVL-1):

Applicant : Nirmal Seeds Private Limited,
Address of the Applicant : P.O. Box-63, Bhadgaon Road,
Pachora-424201 India
Nationality of Applicant : Indian

Application details

a. Number :

E01	VR 01	07	130
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b. Date of receipt : 01/08/2007
c. Date of acceptance : 26/05/2011
Crop (Taxonomical Lineage) : Green gram (*Vigna radiata* L. Wilczek)
Denomination : NAVAL (NVL-1)

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Typical

Previously proposed Denomination : NA

Name of Parental Material : Parent 1: NVS-9
Parent 2: NVS-31

Name of Reference Varieties : Kopargaon

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Hypocotyl : Anthocyanin colouration	Present [PDM 54, Pant M2]
Time of flowering	Medium [Pant M 4, NDM 1]
Seed: Size	Large [Pusa Vishal, SML 668]
Seed : Lusture	Shiny [IPM 99-125, HUM 1]
B. Distinct Characteristics: NAVAL (NVL-1) has distinguishing characters like medium time of flowering, dark green leaf colour, straight curvature of mature pod, long pod length, large seed size and number of seed/ pod is 12-14.	

C. Reference varieties: 1. Kopargaon: It has distinguishing characters like early time of flowering, green leaf colour, medium pod length, medium seed size and number of seed/ pod is 10-11.
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D. Date of commercialization of the variety	Commercialized since 24/04/2002.
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E. Photographs: (See figure 01a, b and c)

02. Application No.

E01	CC 05	07	132
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 filed on **01/08/2007** by **Dr. IS Halakude , Research Manager, Nirmal Seeds Private Limited, P.O. Box-63, Bhadgaon Road, Pachora-424201** on behalf of **Nirmal Seeds Private Limited, P.O. Box-63, Bhadgaon Road, Pachora-424201 India** for a extant (variety of common knowledge), plant variety of crop **Pigeon pea (*Cajanus cajan* L.)** having denomination **DURGA (NTL-30)**, the specification including 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 DURGA (NTL-30):

Applicant : Nirmal Seeds Private Limited,
Address of the Applicant : P.O. Box-63, Bhadgaon Road,
Pachora-424201 India
Nationality of Applicant : Indian

Application details

a. Number :

E01	CC 05	07	132
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b. Date of receipt : 01/08/2007

c. Date of acceptance : 26/05/2011

Crop (Taxonomical Lineage) : Pigeon pea (*Cajanus cajan* L.)

Denomination : DURGA (NTL-30)

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Typical

Previously proposed

Denomination : NA

Name of Parental Material : Parent 1: NTS-40

Parent 2: NTS-35

Name of Reference Varieties : ICPL-87 & Maruti (ICPL-8863)

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Time of flowering	Medium [Pusa 855, ICPL 155]
Plant: Growth habit	Intermediate [Manak, Paras]
Stem: Color	Green [Manak, Paras]
Pod: Waxiness	Absent [UPAS 120, Pusa 992]
Seed: Colour	Dark brown [Vamban 1, AKT 8811]
B. Distinct Characteristics: DURGA (NTL-30) has distinguishing characters like indeterminate plant growth habit, medium plant height, green stem and pod colour and light yellow flower colour of base of petal (standard).	
C. Reference varieties: 1. ICPL-87: It has distinguishing characters like determinate plant growth habit, short plant height, purple stem colour, green with white streaks pod colour and yellow flower colour of base of petal (standard). 2. Maruti (ICPL 8863): It has distinguishing characters like indeterminate plant growth habit, medium plant height, purple stem colour, green with purple streaks pod colour and yellow flower colour of base of petal (standard).	
D. Date of commercialization of the variety	Commercialized since 10/05/2003.

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

03. Application No.

N23	ZM 15	08	199
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 filed on **12/02/2008** by **Project Director, Directorate of Maize Research, Pusa Campus, New Delhi – 110012** on behalf of **Indian Council of Agricultural Research, Krishi Bhawan (ICAR), Dr. Rajendra Prasad Road, New Delhi-110 114** for a **new plant variety** of crop **Maize** (*Zea mays* L.) having denomination **Vivek Sankul Makka 31** the specification including 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 Vivek Sankul Makka 31

Applicant : Indian Council of Agricultural Research (ICAR)

Address of the Applicant : Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110 114

Nationality of Applicant : Indian

Application details

a. Number :

N23	ZM 15	08	199
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b. Date of receipt : 12/02/2008

c. Date of acceptance : 16/06/2011

Crop (Taxonomical Lineage) : Maize (*Zea mays* L.)

Denomination : Vivek Sankul Makka 31

Type of Variety : New

Classification of Variety : Typical

Previously proposed denomination : Not applicable

Name of Parental Material : Composite of VL Makka 16, Pop.31, C4 HS Bulk (Alm.), VL 87, VL 89, VL 90, D 931 and D 941

Name of Reference Varieties : Vivek Sankul Makka 11

Variety Description:

A. Group Characteristics	Remarks measured values etc.
Tassel : Time of anthesis	Early [HKI 1025]
Ear : Time of silk emergence	Early [HKI 1025]
Ear : Anthocyanin colouration of silks	Present [KHI 323]
Plant : Length	Long [HQPM 1]
Ear : Type of grain	Flint [HKI 1105]
B. Distinct Characteristics:	
<p>Vivek Sankul Makka 31 has distinguishing characters like large length of main axis above lowest side branch of tassel, broad width of blade and conico-cylindrical ear shape.</p>	
C. Reference varieties:	
<p>1. Vivek Sankul Makka 11: It has distinguishing characters like medium length of main axis above lowest side branch of tassel, medium width of blade and cylindrical ear shape.</p>	
D. Date of commercialization of the variety	Commercialized since 22/09/2007.

E. Photographs: (See figure 03)

04. Application No.

E393	GH16	08	242
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 filed on **02/04/2008** by **Ankur Seeds (P) Limited, 27, New Cotton Market Layout, Opposite Bus Station, Nagpur-440018 (MS), India** on behalf of ---NA--- for a **extant (Variety of Common Knowledge) plant variety** of crop **Tetraploid Cotton** (*Gossypium hirsutum* L.) having denomination **C/MAC-1**, the specification including 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 C/MAC-1:

Applicant : Ankur Seeds (P) Limited,
Address of the Applicant : 27, New Cotton Market Layout, Opposite Bus Station,
Nagpur-440018 (MS), India
Nationality of Applicant : Indian

Application details

a. Number :

E393	GH16	08	242
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b. Date of receipt : 02/04/2008
c. Date of acceptance : 14/06/2011
Crop (Taxonomical Lineage) : Tetraploid Cotton (*Gossypium hirsutum* L.)
Denomination : C/MAC-1
Type of Variety : Extant (Variety of Common Knowledge)
Classification of Variety : Transgenic parental line
Previously proposed denomination : Not applicable

Name of Parental Material : VIC-15 x Coker 312 Bt

Name of Reference Varieties : LRA 5166 and CA/MH-133

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Species	<i>Gossypium hirsutum</i> L.
Leaf: Shape	Palmate (Normal) [LRA 5166 (H)]
Flower: Petal colour	Cream [LRA 5166 (H)]
Flower: Pollen colour	Yellow [LRA 5166 (H)]
Boll: shape	Ovate [Surabhi (H)]
Fibre: length	Long [Supriya (H)]
B. Distinct Characteristics: C/MAC-1 has distinguishing characters like flat leaf appearance, exerted stigma, presence of male sterility and long fibre length.	

C. Reference varieties: 1. LRA 5166: It has distinguishing characters like flat leaf appearance, embedded stigma, absence of male sterility and medium fibre length. 2. CA/MH-133: It has distinguishing characters like cup shaped leaf hairiness, exerted leaf stigma, presence of male sterility and medium long fibre length.
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D. Date of commercialization of the variety	GEAC approval for commercialization of transgenic hybrid Ankur 651 Bt vide letter No. 12/5/2005-CS dated 10/05/2005 developed using candidate variety as its parent.
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E. Photographs: (See figure 04)

05. Application No.

N40	GH17	08	243
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 filed on **02/04/2008** by **Ankur Seeds (P) Limited, 27, New Cotton Market Layout, Opposite Bus Station, Nagpur-440018 (MS), India** on behalf of ---NA--- for a **new plant variety** of crop **Tetraploid Cotton** (*Gossypium hirsutum* L.) having denomination **C/MAC-23**, the specification including 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 C/MAC-23:

Applicant : Ankur Seeds (P) Limited,
Address of the Applicant : 27, New Cotton Market Layout, Opposite Bus Station,
Nagpur-440018 (MS), India
Nationality of Applicant : Indian

Application details

a. Number :

N40	GH17	08	243
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b. Date of receipt : 02/04/2008
c. Date of acceptance : 14/06/2011
Crop (Taxonomical Lineage) : Tetraploid Cotton (*Gossypium hirsutum* L.)
Denomination : C/MAC-23
Type of Variety : New

Classification of Variety : Transgenic parental line

Previously proposed denomination : Not applicable

Name of Parental Material : CA/H-658 x Coker 312 Bt

Name of Reference Varieties : LRA 5166 and MCU 5

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Species	<i>Gossypium hirsutum</i> L.
Leaf: Shape	Palmate (Normal) [LRA 5166 (H)]
Flower: Petal colour	Cream [LRA 5166 (H)]
Flower: Pollen colour	Yellow [LRA 5166 (H)]
Boll: shape	Round [Supriya (H)]
Fibre: length	Extra long [MCU 5VT (H)]
B. Distinct Characteristics: C/MAC-23 has distinguishing characters like embedded stigma, round boll shape, blunt prominence of tip of boll and extra long fibre length.	

C. Reference varieties: 1. LRA 5166: It has distinguishing characters like exerted stigma, ovate boll shape, pointed prominence of tip of boll and long fibre length. 2. MCU 5: It has distinguishing characters like exerted stigma, ovate boll shape, pointed prominence of tip of boll and extra long fibre length.

D. Date of commercialization of the	GEAC approval for commercialization of transgenic hybrid Akka BG vide letter No. 12/34/2006-CS-II
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variety	dated 15/05/2007 developed using candidate variety as its parent.
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E. Photographs: (See figure 05)

06. Application No.

N01	OS01	10	003
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 filed on **07/01/2010** by **Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B/60, Safdarjung Enclave, New Delhi-110 029** on behalf of **Syngenta India Limited, Amar Paradigm, S.No. 110/11/3 Baner-Balewadi Road, Baner, Pune 411 045, Maharashtra (India)** for a **new plant variety** of crop **Rice (*Oryza sativa* L.)** having denomination **SYN-RI-NR 7356**, the specification including 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 SYN-RI-NR 7356:

Applicant : Syngenta India Limited,
Address of the Applicant : Amar Paradigm, S.No. 110/11/3 Baner-Balewadi Road,
Baner, Pune 411 045, Maharashtra (India)
Nationality of Applicant : Indian

Application details

a. Number :

N01	OS01	10	003
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b. Date of receipt : 07/01/2010

c. Date of acceptance : 27/01/2011

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

Denomination : SYN-RI-NR 7356

Type of Variety : New

Classification of Variety : Inbred line

Previously proposed denomination : Not applicable

Name of Parental Material : NR6470/NR1610

Name of Reference Varieties : Jaya & BPT 5204

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Basal leaf: Sheath colour	Green [Rasi, Heera]
Time of heading (50% of plants with panicle)	Late [Bas. 370]
Stem : Length (excluding panicles; excluding floating rice)	Very Short [Heera]
Decorticate grain: length	Short [Kushal]
Decorticate grain: Shape (in lateral view)	Short Bold [Salivahana]
Decorticate grain: Colour	White [Sugandhamati]
Endosperm: Content of amylose	Medium [Taroari Basmati]
Decorticate grain: Aroma	Absent [Jaya]
B. Distinct Characteristics: SYN-RI-NR 7356 has distinguishing characters like weak pubescence on leaf blade surface, medium grain weight, short decorticated grain length and short bold decorticated grain shape.	

C. Reference varieties:

1. Jaya: It has distinguishing characters like strong pubescence on leaf blade surface, high grain weight, long decorticated grain length and long bold decorticated grain shape.

2. BPT 5204: It has distinguishing characters like medium pubescence on leaf blade surface, very low grain weight, medium decorticated grain length and medium slender decorticated grain shape.

D. Date of commercialization of the variety	Not commercialized or otherwise exploited.
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E. Photographs: (See figure 06a and b)

07. Application No.

N01	SE01	10	033
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 filed on **04/02/2010** by **Dr. N Vijayan Nair, Director, Sugarcane Breeding Institute, Coimbatore-641007** on behalf of **Indian Council of Agricultural Research, Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi - 110014** for a **new plant variety** of crop **Sugarcane** (*Saccharum* L.) having denomination **KARAN-2 (Co 0118)**, the specification including 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 KARAN-2 (Co 0118):

Applicant : Indian Council of Agricultural Research
Address of the Applicant : Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110014
Nationality of Applicant : Indian
Application details

a. Number :

N01	SE01	10	033
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b. Date of receipt : 04/02/2010

c. Date of acceptance : 26/05/2011

Crop (Taxonomical Lineage) : Sugarcane (*Saccharum* L.)

Denomination : KARAN-2 (Co 0118)

Type of Variety : New

Classification of Variety : Typical

Previously proposed denomination : Not applicable

Name of Parental Material : Parent 1: Co 8347
Parent 2: Co 86011

Name of Reference Varieties : Co J 64 & Co Pant 84211

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Plant : Growth habit	Erect [Co 87025, Co Lk 8102]
Leaf : Blade curvature	Curved tip [Co 62175, CoSe 92423]
Plant : Adherence of leaf sheath	Weak [Co 419, CoS 88230]

B. Distinct Characteristics:

KARAN-2 (Co 0118) has distinguishing characters like leaf sheath with sparse hairs, weak adherence, lanceolate inner auricle, grayed orange dew lap, leaf blade with curved tip, unexposed internodes colour is yellow and exposed colour is grayed orange.

C. Reference varieties:

1. Co J 64: It has distinguishing characters like absence of leaf sheath hairs, medium adherence incipient inner auricle and grayed orange dew lap, erect leaf blade curvature,

unexposed internodes color is greyed yellow and exposed color is yellow green.

2. Co Pant 84211: It has distinguishing characters like absence of leaf sheath hairs, medium adherence incipient inner auricle and yellow green dew lap, leaf blade is curved tip, unexposed internodes color is greyed yellow and exposed color is yellow green.

D. Date of commercialization of the variety	Notified in Gazette of India Vide S.O. No 449 (E) dated 11.02.2009.
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E. Photographs: (See figure 07a and b)

08. Application No.

N02	SE02	10	034
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 filed on **04/02/2010** by **Dr. N Vijayan Nair, Director, Sugarcane Breeding Institute, Coimbatore-641007** on behalf of **Indian Council of Agricultural Research, Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi - 110014** for a **new plant variety** of crop **Sugarcane** (*Saccharum* L.) having denomination **Co 0238**, the specification including 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 Co 0238:

Applicant : Indian Council of Agricultural Research
Address of the Applicant : Krishi Bhawan, Dr. Rajendra Prasad Road,
New Delhi-110014
Nationality of Applicant : Indian

Application details

a. Number

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N02	SE02	10	034
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b. Date of receipt : 04/02/2010

c. Date of acceptance : 26/05/2011

Crop (Taxonomical Lineage) : Sugarcane (*Saccharum* L.)

Denomination : Co 0238

Type of Variety : New

Classification of Variety : Typical

Previously proposed denomination : Not applicable

Name of Parental Material : Parent 1: Co Lk 8102
Parent 2: Co 775

Name of Reference Varieties : Co J 64 & Co Pant 84211

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Plant : Growth habit	Erect [Co 87025, Co Lk 8102]
Leaf : Blade curvature	Arched (Co 775, CoJ 64)
Plant : Adherence of leaf sheath	Weak [Co 419, CoS 88230]
B. Distinct Characteristics: Co 0238 has distinguishing characters like leaf sheath with crescent ligule shape, auricle deltoid, grey brown dew lap, arched leaf blade, leaf sheath self trashing (weak), internode colour unexposed is yellow and exposed to yellow green, rind surface is smooth and bud grove is shallow.	

C. Reference varieties:

1. Co J 64: It has distinguishing characters like strap ligule shape, auricle incipient, grayed

orange dew lap, erect leaf blade, adherence of leaf blade is medium, internode colour unexposed is grayed yellow and exposed colour is yellow green, rind surface is having corky patches only and absence of bud grove.

2. Co Pant 84211: It has distinguishing characters like absence of leaf sheath hairs, medium adherence incipient inner auricle and yellow green dew lap, leaf blade is curved tip, unexposed internodes color is grayed yellow and exposed color is yellow green.

D. Date of commercialization of the variety	Notified in Gazette of India Vide S.O. No 454 (E) dated 11.02.2009.
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E. Photographs: (See figure 08a and b)

भारतीय पौधा किस्म जरनल खंड 05, अंक - 07, 01 जुलाई 2011 में

अधिसूचित प्रत्याशी किस्मां के चित्र

Photograph of candidate varieties notified in Plant Variety Journal of India, Vol. 5, No.- 07, July 01, 2011

चित्र 01:

Figure 01: Green gram: NAVAL (NVL-1)



चित्र 01:

Figure 01a: General view of plant type



चित्र 01:

Figure 01b: General view of pods



चित्र 01:

Figure 01c: General view of seed

चित्र 02:

Figure 02: Pigeon pea: DURGA (NTL-30)



चित्र 02:

Figure 02a: General view of stem



चित्र 02:

Figure 02b: General view of pods before maturity



चित्र 02:

Figure 02c: General view of seed

चित्र 03:

Figure 03: Maize: Vivek Sankul Makka-31



चित्र 03:

Figure 03: General view of cob

चित्र 04:

Figure 04: Tetraploid Cotton: C/MAC-1



चित्र 04:

Figure 04: General view of flower

चित्र 05:

Figure 05: Tetraploid Cotton: C/MAC-23



चित्र 05:

Figure 05: General view of boll

चित्र 06:

Figure 06: Rice: SYN-RI-NR 7356



चित्र 06:

Figure 06a: General view of crop



चित्र 06:

Figure 06b: General view of panicle

चित्र 07:

Figure 07: Sugarcane: KARAN-2 (Co 0118)



चित्र 07:

Figure 07a: General view of crop



चित्र 07:

Figure 07b: General view of bud



चित्र 07:

Figure 07c: General view of cane top

चित्र 08:

Figure 08: Sugarcane: Co 0238



चित्र 08:

Figure 08a: General view of crop



चित्र 08:

Figure 08b: General view of bud



चित्र 08:

Figure 08c: General view of cane top