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:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Registration No. / date of issue</th>
<th>Denomination of the candidate variety</th>
<th>Name of crop &amp; Species</th>
<th>Name of Applicant</th>
<th>Applicant Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>1 of 2011 /07.03.11</td>
<td>Kaushambi (HW-2045)</td>
<td>Bread wheat (Triticum aestivum L.)</td>
<td>Indian Council of Agricultural Research (ICAR)</td>
<td>Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110 114</td>
</tr>
<tr>
<td>2.</td>
<td>2 of 2011 /07.03.11</td>
<td>NIAW-301 (Trimbak)</td>
<td>Bread wheat (Triticum aestivum L.)</td>
<td>---do---</td>
<td>---do---</td>
</tr>
<tr>
<td>3.</td>
<td>3 of 2011 /07.03.11</td>
<td>Amar (HW 2004)</td>
<td>Bread wheat (Triticum aestivum L.)</td>
<td>---do---</td>
<td>---do---</td>
</tr>
<tr>
<td>4.</td>
<td>4 of 2011 /07.03.11</td>
<td>Bhavani (HW-1085)</td>
<td>Bread wheat (Triticum aestivum L.)</td>
<td>---do---</td>
<td>---do---</td>
</tr>
<tr>
<td>5.</td>
<td>5 of 2011 /07.03.11</td>
<td>Narendra Wheat 1012</td>
<td>Bread wheat (Triticum aestivum L.)</td>
<td>---do---</td>
<td>---do---</td>
</tr>
<tr>
<td>6.</td>
<td>6 of 2011 /07.03.11</td>
<td>Vivek Maize Hybrid-21 (FH-3211)</td>
<td>Maize (Zea mays L.)</td>
<td>---do---</td>
<td>---do---</td>
</tr>
<tr>
<td>7.</td>
<td>7 of 2011 /07.03.11</td>
<td>Pratap Makka-4 (EC-1108)</td>
<td>Maize (Zea mays L.)</td>
<td>---do---</td>
<td>---do---</td>
</tr>
<tr>
<td>8.</td>
<td>8 of 2011 /07.03.11</td>
<td>Pratap Makka-3 (EC-3108)</td>
<td>Maize (Zea mays L.)</td>
<td>---do---</td>
<td>---do---</td>
</tr>
<tr>
<td>9.</td>
<td>9 of 2011 /07.03.11</td>
<td>NAC 6004</td>
<td>Maize (Zea mays L.)</td>
<td>---do---</td>
<td>---do---</td>
</tr>
<tr>
<td>10.</td>
<td>10 of 2011 /07.03.11</td>
<td>NAC-6002</td>
<td>Maize (Zea mays L.)</td>
<td>---do---</td>
<td>---do---</td>
</tr>
<tr>
<td>11.</td>
<td>11 of 2011 /07.03.11</td>
<td>30 B 07 (X-1280 M)</td>
<td>Maize (Zea mays L.)</td>
<td>Pioneer Overseas Corporation – India Branch Office</td>
<td>3rd &amp; 4th Floor, Babukans’ Millennium Centre, 6-3-1099/1100, Raj Bhavan road, Somajiguda, Hyderabad-500082, A.P., India</td>
</tr>
</tbody>
</table>
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.
01. Application No. [E01 VR 01 07 130] 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]
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

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hypocotyl: Anthocyanin colouration</td>
<td>Present [PDM 54, Pant M2]</td>
</tr>
<tr>
<td>Time of flowering</td>
<td>Medium [Pant M 4, NDM 1]</td>
</tr>
<tr>
<td>Seed: Size</td>
<td>Large [Pusa Vishal, SML 668]</td>
</tr>
<tr>
<td>Seed : Lusture</td>
<td>Shiny [IPM 99-125, HUM 1]</td>
</tr>
</tbody>
</table>

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.

D. Date of commercialization of the variety: Commercialized since 24/04/2002.

E. Photographs: (See figure 01a, b and c)
02. Application No. E01 CC 05 07 132 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
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:**

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time of flowering</td>
<td>Medium [Pusa 855, ICPL 155]</td>
</tr>
<tr>
<td>Plant: Growth habit</td>
<td>Intermediate [Manak, Paras]</td>
</tr>
<tr>
<td>Stem: Color</td>
<td>Green [Manak, Paras]</td>
</tr>
<tr>
<td>Pod: Waxiness</td>
<td>Absent [UPAS 120, Pusa 992]</td>
</tr>
<tr>
<td>Seed: Colour</td>
<td>Dark brown [Vamban 1, AKT 8811]</td>
</tr>
</tbody>
</table>

**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. $\begin{array}{cccc} N23 \\ ZM 15 \\ 08 \\ 199 \end{array}$ 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------.


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 : $\begin{array}{cccc} N23 \\ ZM 15 \\ 08 \\ 199 \end{array}$

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:**

<table>
<thead>
<tr>
<th><strong>A. Group Characteristics</strong></th>
<th>Remarks measured values etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tassel : Time of anthesis</td>
<td>Early [HKI 1025]</td>
</tr>
<tr>
<td>Ear : Time of silk emergence</td>
<td>Early [HKI 1025]</td>
</tr>
<tr>
<td>Ear : Anthocyanin colouration of silks</td>
<td>Present [KHI 323]</td>
</tr>
<tr>
<td>Plant : Length</td>
<td>Long [HQPM 1]</td>
</tr>
<tr>
<td>Ear : Type of grain</td>
<td>Flint [HKI 1105]</td>
</tr>
</tbody>
</table>

**B. Distinct Characteristics:**

*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.

**C. Reference varieties:**

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.

**D. Date of commercialization of the variety**: Commercialized since 22/09/2007.

**E. Photographs**: (See figure 03)
04. Application No. [E393 GH16 08 242] 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---.


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]
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:**

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Species</td>
<td><em>Gossypium hirsutum</em> L.</td>
</tr>
<tr>
<td>Leaf: Shape</td>
<td>Palmate (Normal) [LRA 5166 (H)]</td>
</tr>
<tr>
<td>Flower: Petal colour</td>
<td>Cream [LRA 5166 (H)]</td>
</tr>
<tr>
<td>Flower: Pollen colour</td>
<td>Yellow [LRA 5166 (H)]</td>
</tr>
<tr>
<td>Boll: shape</td>
<td>Ovate [Surabhi (H)]</td>
</tr>
<tr>
<td>Fibre: length</td>
<td>Long [Supriya (H)]</td>
</tr>
</tbody>
</table>

**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.

**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.
E. Photographs: (See figure 04)

05. Application No. [N40] [GH17] [08] [243] 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----.


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]
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

<table>
<thead>
<tr>
<th>Species</th>
<th>Gossypium hirsutum L.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leaf: Shape</td>
<td>Palmate (Normal) [LRA 5166 (H)]</td>
</tr>
<tr>
<td>Flower: Petal colour</td>
<td>Cream [LRA 5166 (H)]</td>
</tr>
<tr>
<td>Flower: Pollen colour</td>
<td>Yellow [LRA 5166 (H)]</td>
</tr>
<tr>
<td>Boll: shape</td>
<td>Round [Supriya (H)]</td>
</tr>
<tr>
<td>Fibre: length</td>
<td>Extra long [MCU 5VT (H)]</td>
</tr>
</tbody>
</table>

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
variety: dated 15/05/2007 developed using candidate variety as its parent.

E. Photographs: (See figure 05)

06. Application No. N01 OS01 10 003 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
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:**

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basal leaf: Sheath colour</td>
<td>Green [Rasi, Heera]</td>
</tr>
<tr>
<td>Time of heading (50% of plants with panicle)</td>
<td>Late [Bas. 370]</td>
</tr>
<tr>
<td>Stem : Length (excluding panicles; excluding floating rice)</td>
<td>Very Short [Heera]</td>
</tr>
<tr>
<td>Decorticate grain: length</td>
<td>Short [Kushal]</td>
</tr>
<tr>
<td>Decorticate grain: Shape (in lateral view)</td>
<td>Short Bold [Salivahana]</td>
</tr>
<tr>
<td>Decorticate grain: Colour</td>
<td>White [Sugandhamati]</td>
</tr>
<tr>
<td>Endosperm: Content of amylose</td>
<td>Medium [Taroari Basmati]</td>
</tr>
<tr>
<td>Decorticate grain: Aroma</td>
<td>Absent [Jaya]</td>
</tr>
</tbody>
</table>

**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.

E. Photographs: (See figure 06a and b)

07. Application No. N01 SE01 10 033 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
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:  

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

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.

E. Photographs: (See figure 07a and b)

08. Application No. **N02 SE02 10 034** 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:**

<table>
<thead>
<tr>
<th>Applicant</th>
<th>: Indian Council of Agricultural Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address of the Applicant</td>
<td>: Krishi Bhawan, Dr. Rajendra Prasad Road,</td>
</tr>
<tr>
<td></td>
<td>New Delhi-110014</td>
</tr>
<tr>
<td>Nationality of Applicant</td>
<td>: Indian</td>
</tr>
<tr>
<td>Application details</td>
<td></td>
</tr>
<tr>
<td>a. Number</td>
<td><strong>N02 SE02 10 034</strong></td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Plant : Growth habit</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Erect [Co 87025, Co Lk 8102]</td>
<td></td>
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</tbody>
</table>

| 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 greyed yellow and exposed color is yellow green.

<table>
<thead>
<tr>
<th>D. Date of commercialization of the variety</th>
<th>Notified in Gazette of India Vide S.O. No 454 (E) dated 11.02.2009.</th>
</tr>
</thead>
</table>

**E. Photographs:** (See figure 08a and b)
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 01a: General view of plant type

चित्र 01b: General view of pods

चित्र 01c: General view of seed

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

चित्र 02a: General view of stem

चित्र 02b: General view of pods before maturity

चित्र 02c: General view of seed
Figure 03: Maize: Vivek Sankul Makka-31

Figure 04: Tetraploid Cotton: C/MAC-1

Figure 05: Tetraploid Cotton: C/MAC-23

Figure 06: Rice: SYN-RI-NR 7356
Figure 07: Sugarcane: KARAN-2 (Co 0118)

Figure 07a: General view of crop

Figure 07b: General view of bud

Figure 07c: General view of cane top

Figure 08: Sugarcane: Co 0238

Figure 08a: General view of crop

Figure 08b: General view of bud

Figure 08c: General view of cane top