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. [E212 GH57 08 288] filed on 02/04/2008 by Dr. Malathi LakshmiKumaran, LakshmiKumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India on behalf of Rasi Seeds Private Limited, 273, Kamarajanar Road, Attur, Salem (Dt)-636 102, Tamil Nadu, India for a extant (variety of common knowledge) plant variety of crop Tetraploid cotton [Gossypium hirsutum L.] having denomination RCH 111 Bt, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number ---------NA----------on ---------NA----------.

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


Passport data of the variety RCH 111 Bt:

Applicant : Rasi Seeds Private Limited
Address of the Applicant : 273, Kamarajanar Road, Attur, Salem (Dt)-636 102,
Tamil Nadu, India
Nationality of Applicant : Indian

Application details

a. Number : [E212 GH57 08 288]
b. Date of receipt : 02/04/2008
c. Date of acceptance : 19/08/2011

Crop (Taxonomical Lineage) : Tetraploid cotton [Gossypium hirsutum L.]
Denomination : RCH 111 Bt
Type of Variety : Extant (Variety of Common Knowledge)
Classification of Variety : Hybrid (Transgenic)
Previously proposed
denomination : Not applicable
Name of Parental Material : Parent1: RC- 137 Bt (Female parent)
                           Parent 2: RC -162 (Male parent)
Name of Reference Varieties : RCH 20 Bt & RCH 2 Bt

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 [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>Cream [Anjali (H)]</td>
</tr>
<tr>
<td>Boll : Shape (longitudinal section)</td>
<td>Ovate [Surabhi (H)]</td>
</tr>
<tr>
<td>Fibre: Length</td>
<td>Long [Supriya (H)]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

*RCH 111 Bt* has distinguishing characters like medium leaf hairiness, late time of flowering (50% of plants with at least one open flower), cream flower pollen colour, very bold seed index, high ginning (%), long fibre length and large weight of seed cotton/boll.

C. Reference varieties:

1. **RCH 20 Bt**: It has distinguishing characters like medium leaf hairiness, late time of flowering (50% of plants with at least one open flower), yellow flower pollen colour, very bold seed index, medium ginning (%), extra long fibre length and large weight of seed cotton/boll.
2. **DCH 32**: It has distinguishing characters like sparse leaf hairiness, medium time of flowering (50% of plants with at least one open flower), cream flower pollen colour, bold seed index, medium ginning (%), long fibre length and medium weight of seed cotton/boll.

D. Date of commercialization of the variety

Commercialized since 02/06/2006 as ACE 111.

E. Photographs: (See figure 01)
02. Application No. [N92 GH84 08 317] filed on 03/04/2008 by Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India on behalf of Monsanto India Limited, 5th Floor, Ahura Centre, 96 Mahakali Caves Road, Andheri (East), Mumbai-400093, India for a new plant variety of crop Tetraploid cotton \([Gossypium hirsutum \text{ L.}]\) having denomination G 6882644, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number---------NA--------on---------NA--------.

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


Passport data of the variety G 6882644:

- **Applicant**: Monsanto India Limited
- **Address of the Applicant**: 5th Floor, Ahura Centre, 96 Mahakali Caves Road, Andheri (East), Mumbai-400093, India
- **Nationality of Applicant**: Indian
- **Application details**
  - a. Number: [N92 GH84 08 317]
  - b. Date of receipt: 03/04/2008
  - c. Date of acceptance: 23/09/2011
- **Crop (Taxonomical Lineage)**: Tetraploid cotton \([Gossypium hirsutum \text{ L.}]\)
- **Denomination**: G 6882644
- **Type of Variety**: New
- **Classification of Variety**: Inbred (Transgenic)
- **Previously proposed denomination**: Not applicable
- **Name of Parental Material**: Parent1: MGC 1008
  Parent 2: MTC 512.01
Name of Reference Varieties : Reba B 50 & Laxmi

Variety Description:

A. Group Characteristics

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Species</td>
<td>Gossypium hirsutum L</td>
</tr>
<tr>
<td>Leaf: Shape</td>
<td>Palmate [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>Cream [Anjali (H)]</td>
</tr>
<tr>
<td>Boll : Shape (longitudinal section)</td>
<td>Ovate [Surabhi (H)]</td>
</tr>
<tr>
<td>Fibre: Length</td>
<td>Long [Supriya (H)]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

G 6882644 has distinguishing characters like cream flower petal colour, exerted flower stigma, cream flower pollen colour and long fibre length (2.5% span length).

C. Reference varieties:

1. Reba B 50 : It has distinguishing characters like cream flower petal colour, embedded flower stigma, yellow flower pollen colour and long fibre length (2.5% span length).

2. Laxmi: It has distinguishing characters like yellow flower petal colour, embedded flower stigma, yellow flower pollen colour and medium fibre length (2.5% span length).

D. Date of commercialization of the variety

Paras Laxmi BG II is the first hybrid developed by using the candidate variety as one of the parent and under sale since June 23, 2008.

E. Photographs: (See figure 02)

03. Application No. [E23 OS92 08 326] filed on 03/04/2008 by Mr. Ajay Kumar Sud, 2nd Floor, F-3, South Extension Part-1, New Delhi- 110 049, India on behalf of Pioneer Overseas Corporation- India Branch Office, 3rd & 4th Floor, Babukans’ Millennium Centre, 6- 3-1099/1100, Raj Bhavan Road, Somajiguda, Hyderabad- 500 082, Andhra Pradesh, India for a extant (variety of common knowledge) plant variety of crop Rice [Oryza sativa L.] having denomination 25 P 25, the specification includes its drawing and
or photograph(s) of which are given below, has been accepted and given registration number ----NA------on ----NA------.

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


Passport data of the variety 25 P 25:
Applicant : Pioneer Overseas Corporation
Address of the Applicant : 3rd & 4th Floor, Babukans’ Millennium Centre,
                    6-3-1099/1100, Raj Bhavan Road, Somajiguda,
                    Hyderabad- 500 082, Andhra Pradesh, India
Nationality of Applicant : Indian
Application details

  a. Number : E 23 OS 92 08 326
  b. Date of receipt : 03/04/2008
  c. Date of acceptance : 13/04/2011
Crop (Taxonomical Lineage) : Rice [Oryza sativa L.]
Denomination : 25 P 25
Type of Variety : Extant (Variety of Common Knowledge)
Classification of Variety : Hybrid
Previously proposed denomination : Not applicable
Name of Parental Material
  Male Parent: R 842
  Female Parent: R 818 F
Name of Reference Varieties : IR 64 & Govinda

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% plants with panicle)</td>
<td>Medium [Vikas/Triguna]</td>
</tr>
<tr>
<td>------------------------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>Stem : Length (excluding panicle, excluding floating rice)</td>
<td>Very Short [Heera]</td>
</tr>
<tr>
<td>Decorticated Grain: Length</td>
<td>Long [Kasturi/Bas.370]</td>
</tr>
<tr>
<td>Decorticated Grain: Shape (in lateral view)</td>
<td>Long Slender [Krishna Hamsa]</td>
</tr>
<tr>
<td>Decorticated Grain: Colour</td>
<td>White [Sugandhamati]</td>
</tr>
<tr>
<td>Endosperm: Content of amylose</td>
<td>Medium Intermediate [Taroari Basmati]</td>
</tr>
<tr>
<td>Decorticated Grain: Aroma</td>
<td>Absent [Jaya]</td>
</tr>
</tbody>
</table>

**B. Distinct Characteristics:**

**25 P 25** has distinguishing characters like medium intensity of green colour, pubscent on the blade leaf surface & width of blade of leaf, semi-erect clum attitude, medium time of heading (50% plants with panicle), thick stem thickness, very short stem length (excluding panicle, excluding floating rice), long panicle length of main axis, semi-erect flag leaf attitude of blade, well exerted panicle, medium time of maturity & decorticated grain length and long slender decorticated grain shape.

**C. Reference varieties:**

1. **IR 64**: It has distinguishing characters like medium intensity of green colour, pubscent on the blade leaf surface & width of blade of leaf, semi-erect clum attitude, medium time of heading (50% plants with panicle), thick stem thickness, very short stem length (excluding panicle, excluding floating rice), medium panicle length of main axis, erect flag leaf attitude of blade, well exerted panicle, medium time of maturity & decorticated grain length and long slender decorticated grain shape.

2. **Govinda**: It has distinguishing characters like medium intensity of green colour, pubscent on the blade leaf surface & width of blade of leaf, semi-erect clum attitude, medium time of heading (50% plants with panicle), thick stem thickness, very short stem length (excluding panicle, excluding floating rice), medium panicle length of main axis, erect flag leaf attitude of blade, well exerted panicle, medium time of maturity & decorticated grain length and long slender decorticated grain shape.

**D. Date of commercialization of the variety** | Commercialized since 22/05/2007.
E. Photographs: (See figure 03a and b)

04. Application No. [E256 GH 113 08 363] filed on 23/04/2008 by Dr. S.K. Chandel, Deputy General Manager (Public Relations), B2/G1, Swati apartment, Shalimar Garden, Extension-2, Sahibabad, Gaziabad (UP) – 201 010, India on behalf of Nusun Genetics Research Limited, 501, Subhan Sirisampada, Raj Bhavan Road, Somajiguda, Hyderabad-500 082, India for a extant (variety of common knowledge) plant variety of crop Tetraploid cotton [Gossypium hirsutum L.] having denomination SIGMA, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on -----------NA--------.

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


Passport data of the variety GRACE:

Applicant : Nusun Genetics Research Limited
Address of the Applicant : 501, Subhan Sirisampada, Raj Bhavan road,
Somajiguda, Hyderabad-500 082
Nationality of Applicant : Indian
Application details
  a. Number : [E256 GH 113 08 363]
  b. Date of receipt : 23/04/2008
  c. Date of acceptance : 08/08/2011
Crop (Taxonomical Lineage) : Tetraploid cotton [Gossypium hirsutum L.]
Denomination : SIGMA
Type of Variety : Extant (Variety of Common Knowledge)
Classification of Variety : Hybrid
Previously proposed
denomination : Not applicable

Name of Parental Material
Femal Parent: VBC 100139
Male Parent: VBC 100154

Name of Reference Varieties : DYNA & HERO

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>Gossypium hirsutum L</td>
</tr>
<tr>
<td>Leaf: Shape</td>
<td>Palmate (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 (longitudinal section)</td>
<td>Ovate (Surabhi (H))</td>
</tr>
<tr>
<td>Fibre: Length</td>
<td>Long (Supriya (H))</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

SIGMA has distinguishing characters like green leaf colour, sparse plant stem hairiness, cream flower petal colour, yellow flower pollen colour, ovate boll shape, pointed boll prominence of tip and medium seed index.

C. Reference varieties:

1. DYNA: It has distinguishing characters like green leaf colour, sparse plant stem hairiness, cream flower petal colour, deep yellow flower pollen colour, round boll shape, blunt boll prominence of tip and bold seed index.

2. HERO: It has distinguishing characters like light green leaf colour, medium plant stem hairiness, yellow flower petal and pollen colour, ovate boll shape, pointed boll prominence of tip and medium seed index.

D. Date of commercialization of the variety
Commercialized since March, 2005.

E. Photographs: (See figure 04a and b)
05. Application No. E260 GH117 08 367 filed on 23/04/2008 by Dr. S.K.Chandel, Deputy General Manager (Public Relations), B2/G1, Swati apartment, Shalimar Garden, Extension-2, Sahibabad, Gaziabad (UP) – 201 010, India on behalf of Vibha Agrotech Limited, 501, Subhan Sirisampada, Raj Bhavan road, Somajiguda, Hyderabad-500 082, India for an extant (variety of common knowledge) plant variety of crop Tetraploid cotton [Gossypium hirsutum L.] having denomination GRACE, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number *******NA******* on *******NA*******.

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


Passport data of the variety GRACE:

Applicant : Vibha Agrotech Limited
Address of the Applicant : 501, Subhan Sirisampada, Raj Bhavan road, Somajiguda, Hyderabad-500 082
Nationality of Applicant : Indian
Application details
a. Number : E260 GH117 08 367
b. Date of receipt : 23/04/2008
c. Date of acceptance : 08/08/2011
Crop (Taxonomical Lineage) : Tetraploid cotton [Gossypium hirsutum L.]
Denomination : GRACE
Type of Variety : Extant (Variety of Common Knowledge)
Classification of Variety : Hybrid
Previously proposed denomination : Not applicable
Name of Parental Material : Femal Parent: VBC 100140
**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 [LRA 5166 (H)]</td>
</tr>
<tr>
<td>Flower: Petal colour</td>
<td>Yellow [Laxmi (H)]</td>
</tr>
<tr>
<td>Flower: Pollen colour</td>
<td>Cream [Anjali (H)]</td>
</tr>
<tr>
<td>Boll : Shape (longitudinal section)</td>
<td>Ovate [Surabhi (H)]</td>
</tr>
<tr>
<td>Fibre: Length</td>
<td>Long [Supriya (H)]</td>
</tr>
</tbody>
</table>

**B. Distinct Characteristics:**

*GRACE* has distinguishing characters like green leaf colour, sparse plant stem hairiness, yellow flower petal colour, cream flower pollen colour, presence of flower petal spot, large weight of seed cotton boll, white seed fuzz colour, bold seed index and medium long fibre length.

**C. Reference varieties:**

1. **OLE:** It has distinguishing characters like green leaf colour, medium plant stem hairiness, yellow flower petal colour, cream flower pollen colour, absence of flower petal spot, medium weight of seed cotton boll, white seed fuzz colour, medium seed index and medium long fibre length.

2. **PKVH-2:** It has distinguishing characters like light green leaf colour, medium plant stem hairiness, deep yellow flower petal and pollen colour, presence of flower petal spot, medium weight of seed cotton boll and grey seed fuzz colour, seed index and medium fibre length.

**D. Date of commercialization of the variety**

Commercialized since June 2004.

**E. Photographs:** (See figure 05a and b)
- 424201, District - Jalgaon (MS), India, on behalf of Nirmal Seeds Private Limited, P.O. Box - 63, Bhadgaon Road, Pachora - 424201, District - Jalgaon (MS), India for a extant (variety of common knowledge) plant variety of crop Bread wheat (*Triticum aestivum* L.) having denomination Ajay (NW-72), the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number ------NA------ on ---- NA------.

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


Passport data of the variety Ajay (NW-72):

Applicant : Nirmal Seeds Private Limited

Address of the Applicant : P.O. Box-63, Bhadgaon Road,

Pachora - 424201, District - Jalgaon (MS), India

Nationality of Applicant : Indian

Application details

a. Number : E2 TA1 09 379

b. Date of receipt : 22/09/2009

c. Date of acceptance : 30/09/2011

Crop (Taxonomical Lineage) : Bread wheat (*Triticum aestivum* L.)

Denomination : Ajay (NW-72)

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Typical

Previously proposed denomination : Not applicable

Name of Parental Material : NWC-12 x NWC-23
Name of Reference Varieties: Lok-1

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flag leaf: Anthocyanin coloration of auricle</td>
<td>Absent [AKW1071, CPAN 3004]</td>
</tr>
<tr>
<td>Time of ear emergence</td>
<td>Early [Sonalika, DL788-2]</td>
</tr>
<tr>
<td>Plant length</td>
<td>98.7 cm</td>
</tr>
<tr>
<td>Awn or scurs: Presence</td>
<td>Awns present [PBW222, PBW343]</td>
</tr>
<tr>
<td>Outer glume: Pubescence</td>
<td>Absent [AKW381]</td>
</tr>
<tr>
<td>Ear: Colour</td>
<td>White [HD2009, AKW 1071]</td>
</tr>
<tr>
<td>Season type</td>
<td>---</td>
</tr>
<tr>
<td>Grain hardness</td>
<td>---</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

Ajay (NW-72) has distinguishing characters like medium ear length, pale green foliage colour, ovate seed shape and 344 number of ear / square meter.

C. Reference varieties:

1. Lok-1: It has distinguishing characters like medium ear length, green foliage colour, elliptical seed shape and 292 number of ear / square meter.

D. Date of commercialization of the variety

Commercialized since 12/10/2003 as Nirmal-72.

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

07. Application No. [E24 PG32 09 461] filed on 03/11/2009 by Mr. C.Rama Krishna, Vice President (R&D), Nuziveedu Seeds Pvt. Limited, Survey No. 69, Gundlapochampally (Village & Panchayat), Medchal – Mandal, Rangareddy- District- 501
401 (A.P.), India on behalf of Nuziveedu Seeds Pvt. Limited, NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034, India for a extant (variety of common knowledge) plant variety of crop Pearl millet [Pennisetum glaucum (L.) R. Br.] having denomination NB-61 A, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number 461 on 19/09/11.

The convention application no. 03/11/2009, in respect of the said variety has been filed on 03/11/2009, in Office of the Registrar, PPV & FR Authority, New Delhi – 110 012.

Passport data of the variety NB-61 A:

Applicant: Nuziveedu Seeds Private Limited
Address of the Applicant: NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034 (India)

Nationality of Applicant: Indian

Application details:

a. Number: E24 PG32 09 461
b. Date of receipt: 03/11/2009
c. Date of acceptance: 19/09/11

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

Denomination: NB-61 A

Type of Variety: Extant (Variety of Common Knowledge)

Classification of Variety: Parental line

Previously proposed denomination: Not applicable

Name of Parental Material:

Parent 1: 5141 A
Parent 2: 485 B
Name of Reference Varieties: NB-60 A & NB-14 A

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant: Time of spike emergence</td>
<td>Medium [Pusa 23/Pusa 605/843 A]</td>
</tr>
<tr>
<td>Anther: Colour</td>
<td>Yellow [HHB 94/G 73-107/RHRBI 458]</td>
</tr>
<tr>
<td>Spike: Shape</td>
<td>Conical [842 B/ICMP 423/ICMH 356]</td>
</tr>
<tr>
<td>Seed: Colour</td>
<td>Grey [842 B/D 23]</td>
</tr>
<tr>
<td>Seed: Shape</td>
<td>Globular [843 B/HHB 67]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

NB-61 A has distinguishing characters like erect plant growth habit, medium time of spike emergence, yellow spike anther colour, absence of plant node pubescence, green plant node pigmentation, complete spike exsertion, conical spike shape, absence of spike tip sterility, compact spike density, grey seed colour and globular seed shape.

C. Reference varieties:

1. NB-60 A: It has distinguishing characters like erect plant growth habit, medium time of spike emergence, yellow spike anther colour, absence of plant node pubescence, green plant node pigmentation, complete spike exsertion, cylindrical spike shape, presence of spike tip sterility, semi compact spike density, grey seed colour and globular seed shape.

2. NB-14 A: It has distinguishing characters like erect plant growth habit, medium time of spike emergence, purple spike anther colour, absence of plant node pubescence, green plant node pigmentation, complete spike exsertion, conical spike shape, absence of spike tip sterility, semi compact spike density, grey seed colour and globular seed shape.

D. Date of commercialization of the variety

Candidate variety is a parental line and has been used for development of hybrid NBH-1134 which is under commercialization since June 13, 2006.

E. Photographs: (See figure 07)
08. Application No. E26 PG34 09 463 filed on 03/11/2009 by Mr. C.Rama Krishna, Vice President (R&D), Nuziveedu Seeds Pvt. Limited, Survey No. 69, Gundlapochampally (Village & Panchayat), Medchal – Mandal, Rangareddy- District- 501 401 (A.P.), India on behalf of Nuziveedu Seeds Pvt. Limited, NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034, India for an extant (variety of common knowledge) plant variety of crop Pearl millet [Pennisetum glaucum (L.) R. Br.] having denomination NB-86 R, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number ---------NA--------on --------NA--------.

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


Passport data of the variety NB-86 R:

Applicant : Nuziveedu Seeds Private Limited
Address of the Applicant : NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034 (India)

Nationality of Applicant : Indian
Application details
a. Number : E26 PG34 09 463
b. Date of receipt : 03/11/2009
c. Date of acceptance : 19/09/11
Crop (Taxonomical Lineage) : Pearl Millet [Pennisetum glaucum (L.) R. Br.]
Denomination : NB-86 R
Type of Variety : Extant (Variety of Common Knowledge)
Classification of Variety : Parental line
Previously proposed
denomination : Not applicable
Name of Parental Material : (NB-166 X NB-341) 21-9-8-3-4-2-2
Name of Reference Varieties : NB-10 R & NB-20 R

Variety Description:

A. Group Characteristics

| Plant: Time of spike emergence | Medium | [Pusa 23/Pusa 605/843 A] |
| Anther: Colour | Yellow | [HHB 94/G 73-107/RHRBI 458] |
| Spike: Shape | Conical | [842 B/ICMP 423/ICMH 356] |
| Seed: Colour | Grey | [842 B/D 23] |
| Seed: Shape | Globular | [843 B/HHB 67] |

B. Distinct Characteristics:

NB-86 R has distinguishing characters like erect plant growth habit, medium time of spike emergence, yellow spike anther colour, absence of plant node pubescence, green plant node pigmentation, complete spike exsertion, conical spike shape, absence of spike tip sterility, semi compact spike density, grey seed colour and globular seed shape.

C. Reference varieties:

1. NB-10 R: It has distinguishing characters like erect plant growth habit, medium time of spike emergence, brown spike anther colour, absence of plant node pubescence, purple plant node pigmentation, complete spike exsertion, cylindrical spike shape, absence of spike tip sterility, semi compact spike density, grey seed colour and obovate seed shape.

2. NB-20 R: It has distinguishing characters like erect plant growth habit, medium time of spike emergence, yellow spike anther colour, absence of plant node pubescence, purple plant node pigmentation, complete spike exsertion, conical spike shape, presence of spike tip sterility, semi compact spike density, grey seed colour and obovate seed shape.

D. Date of commercialization of the variety

Candidate variety is a parental line and has been used for development of hybrid NBH-1134 which is under commercialization since June 13, 2006.

E. Photographs: (See figure 08)
09. Application No. **E28** **PG36** **09** **465** filed on 03/11/2009 by Mr. C.Rama Krishna, Vice President (R&D), Nuziveedu Seeds Pvt. Limited, Survey No. 69, Gundlapochampally (Village & Panchayat), Medchal – Mandal, Rangareddy- District- 501 401 (A.P.), India on behalf of Nuziveedu Seeds Pvt. Limited, NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034, India for a **extant (variety of common knowledge)** plant variety of crop **Pearl millet** [*Pennisetum glaucum* (L.) R. Br.] having denomination **NB-14 A**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number ---------NA--------on ----------NA--------.

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

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

**Passport data of the variety NB-14 A:**

**Applicant** : Nuziveedu Seeds Private Limited

**Address of the Applicant** : NSL ICON, No. 8-2-684/2/A,
Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12,
Banjara Hills, Hyderabad- 500 034 (India)

**Nationality of Applicant** : Indian

**Application details**

a. **Number** : **E28** **PG36** **09** **465**

b. **Date of receipt** : 03/11/2009

c. **Date of acceptance** : 19/09/11

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

**Denomination** : NB-14 A

**Type of Variety** : Extant (Variety of Common Knowledge)

**Classification of Variety** : Parental line

**Previously proposed**
denomination: Not applicable

Name of Parental Material: Parent 1: 81 A
Parent 2: 359 B

Name of Reference Varieties: NB-60 A & NB-61 A

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant: Time of spike emergence</td>
<td>Medium (Pusa 23/Pusa 605/843 A)</td>
</tr>
<tr>
<td>Anther: Colour</td>
<td>Purple (RHB 30/403 A)</td>
</tr>
<tr>
<td>Spike: Shape</td>
<td>Conical (842 B/ICMP 423/ICMH 356)</td>
</tr>
<tr>
<td>Seed: Colour</td>
<td>Grey (842 B/D 23)</td>
</tr>
<tr>
<td>Seed: Shape</td>
<td>Globular (843 B/HHB 67)</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

NB-14 A has distinguishing characters like erect plant growth habit, medium time of spike emergence, purple spike anther colour, absence of plant node pubescence, green plant node pigmentation, complete spike exsertion, conical spike shape, absence of spike tip sterility, semi compact spike density, grey seed colour and globular seed shape.

C. Reference varieties:

1. NB-60 A: It has distinguishing characters like erect plant growth habit, medium time of spike emergence, yellow spike anther colour, absence of plant node pubescence, green plant node pigmentation, complete spike exsertion, cylindrical spike shape, presence of spike tip sterility, semi compact spike density, grey seed colour and globular seed shape.

2. NB-61 A: It has distinguishing characters like erect plant growth habit, medium time of spike emergence, yellow spike anther colour, absence of plant node pubescence, green plant node pigmentation, complete spike exsertion, conical spike shape, absence of spike tip sterility, compact spike density, grey seed colour and globular seed shape.

D. Date of commercialization of the variety

Candidate variety is a parental line and has been used for development of hybrid NBH-2233 which is under commercialization since 2004.

E. Photographs: (See figure 09a and b)
10. Application No. [E 29] [PG 37] [09] [466] filed on 03/11/2009 by Mr. C. Rama Krishna, Vice President (R&D), Nuziveedu Seeds Pvt. Limited, Survey No. 69, Gundlapochampally (Village & Panchayat), Medchal – Mandal, Rangareddy- District- 501 401 (A.P.), India on behalf of Nuziveedu Seeds Pvt. Limited, NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034, India for a extant (variety of common knowledge) plant variety of crop Pearl millet [Pennisetum glaucum (L.) R. Br.] having denomination NB-153 R, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA-------on --------NA------.

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


Passport data of the variety NB-153 R:

**Applicant** : Nuziveedu Seeds Private Limited

**Address of the Applicant** : NSL ICON, No. 8-2-684/2/A,
Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034 (India)

**Nationality of Applicant** : Indian

**Application details**

a. **Number** : [E 29] [PG 37] [09] [466]

b. **Date of receipt** : 03/11/2009

c. **Date of acceptance** : 19/09/11

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

**Denomination** : NB-153 R

**Type of Variety** : Extant (Variety of Common Knowledge)

**Classification of Variety** : Parental line

**Previously proposed**
denomination: Not applicable

Name of Parental Material: (NB-78 X NB-92) 10-6-3-4-1-1

Name of Reference Varieties: NB-10 R & NB-20 R

Variety Description:

A. Group Characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant: Time of spike emergence</td>
<td>Very late [HHB 117/ J-2290]</td>
</tr>
<tr>
<td>Anther: Colour</td>
<td>Yellow [HHB 94/G 73-107/RHRBI 458]</td>
</tr>
<tr>
<td>Spike: Shape</td>
<td>Conical [842 B/ICMP 423/ICMH 356]</td>
</tr>
<tr>
<td>Seed: Colour</td>
<td>Grey [842 B/D 23]</td>
</tr>
<tr>
<td>Seed: Shape</td>
<td>Globular [843 B/HHB 67]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

NB-153 R has distinguishing characters like erect plant growth habit, very late time of spike emergence, yellow spike anther colour, absence of plant node pubescence, green plant node pigmentation, complete spike exsertion, conical spike shape, absence of spike tip sterility, very compact spike density, grey seed colour and globular seed shape.

C. Reference varieties:

1. NB-10 R: It has distinguishing characters like erect plant growth habit, medium time of spike emergence, brown spike anther colour, absence of plant node pubescence, purple plant node pigmentation, complete spike exsertion, cylindrical spike shape, absence of spike tip sterility, semi compact spike density, grey seed colour and obovate seed shape.

2. NB-20 R: It has distinguishing characters like erect plant growth habit, medium time of spike emergence, yellow spike anther colour, absence of plant node pubescence, purple plant node pigmentation, complete spike exsertion, conical spike shape, presence of spike tip sterility, semi compact spike density, grey seed colour and obovate seed shape.

D. Date of commercialization of the variety

Candidate variety is a parental line and has been used for development of hybrid NBH-4455 which is under commercialization since June 20, 2003.

E. Photographs: (See figure 10a and b)
11. Application No. filed on 03/11/2009 by Mr. C.Rama Krishna, Vice President (R&D), Nuziveedu Seeds Pvt. Limited, Survey No. 69, Gundlapochampally (Village & Panchayat), Medchal – Mandal, Rangareddy- District- 501 401 (A.P.), India on behalf of Nuziveedu Seeds Pvt. Limited, NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034, India for a extant (variety of common knowledge) plant variety of crop Pearl millet [Pennisetum glaucum (L.) R. Br.] having denomination NB-10 R, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on -----------NA---------.

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


Passport data of the variety NB-10 R:

Applicant : Nuziveedu Seeds Private Limited
Address of the Applicant : NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034 (India)
Nationality of Applicant : Indian
Application details
a. Number : E 30 PG 38 09 467
b. Date of receipt : 03/11/2009
c. Date of acceptance : 19/09/11
Crop (Taxonomical Lineage) : Pearl Millet [Pennisetum glaucum (L.) R. Br.]
Denomination : NB-10 R
Type of Variety : Extant (Variety of Common Knowledge)
Classification of Variety : Parental line
Previously proposed
**denomination**: Not applicable

**Name of Parental Material**: (NB-62 X NB-42) 14-3-8-4-7-2-1

**Name of Reference Varieties**: NB-20 R & NB-86 R

**Variety Description:**

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant: Time of spike emergence</td>
<td>Medium [Pusa 23/Pusa 605/843 A]</td>
</tr>
<tr>
<td>Anther: Colour</td>
<td>Brown [842 B/81 B]</td>
</tr>
<tr>
<td>Spike: Shape</td>
<td>Cyndrical [H 77/833-2/Pusa 23/D 23]</td>
</tr>
<tr>
<td>Seed: Colour</td>
<td>Grey [842 B/D 23]</td>
</tr>
<tr>
<td>Seed: Shape</td>
<td>Obovate [843 B/Pusa 23]</td>
</tr>
</tbody>
</table>

**B. Distinct Characteristics:**

NB-10 R has distinguishing characters like erect plant growth habit, medium time of spike emergence, brown spike anther colour, absence of plant node pubescence, purple plant node pigmentation, complete spike exsertion, cylindrical spike shape, absence of spike tip sterlity, semi compact spike density, grey seed colour and obovate seed shape.

**C. Reference varieties:**

1. **NB-20 R**: It has distinguishing characters like erect plant growth habit, medium time of spike emergence, yellow spike anther colour, absence of plant node pubescence, purple plant node pigmentation, complete spike exsertion, conical spike shape, presence of spike tip sterlity, semi compact spike density, grey seed colour and obovate seed shape.

2. **NB-86 R**: It has distinguishing characters like erect plant growth habit, medium time of spike emergence, yellow spike anther colour, absence of plant node pubescence, green plant node pigmentation, complete spike exsertion, conical spike shape, absence of spike tip sterlity, compact spike density, grey seed colour and globular seed shape.

**D. Date of commercialization of the variety**: Candidate variety is a parental line and has been used for development of hybrid NBH-2223 which is under commercialization since June 21, 2005.

**E. Photographs**: (See figure 11a and b)
12. Application No. E30 PG 39 09 468 filed on 03/11/2009 by Mr. C.Rama Krishna, Vice President (R&D), Nuziveedu Seeds Pvt. Limited, Survey No. 69, Gundlapochampally (Village & Panchayat), Medchal – Mandal, Rangareddy- District- 501 401 (A.P.), India on behalf of Nuziveedu Seeds Pvt. Limited, NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034, India for an extant (variety of common knowledge) plant variety of crop Pearl millet [Pennisetum glaucum (L.) R. Br.] having denomination NB-152 R, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on ---------NA--------.

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


Passport data of the variety NB-152 R:

Applicant : Nuziveedu Seeds Private Limited
Address of the Applicant : NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034 (India)
Nationality of Applicant : Indian
Application details
a. Number : E30 PG 39 09 468
b. Date of receipt : 03/11/2009
c. Date of acceptance : 19/09/11
Crop (Taxonomical Lineage) : Pearl Millet [Pennisetum glaucum (L.) R. Br.]
Denomination : NB-152R
Type of Variety : Extant (Variety of Common Knowledge)
Classification of Variety : Parental line
Previously proposed
denomination: Not applicable
Name of Parental Material: (NB-68 X NB-36) 15-9-3-3-4-2-1
Name of Reference Varieties: NB-10 R & NB-20 R

Variety Description:

A. Group Characteristics

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant: Time of spike emergence</td>
<td>Late [GHB 316/ICMH 451]</td>
</tr>
<tr>
<td>Anther: Colour</td>
<td>Yellow [HBB 94/G 73-107/RHRBI 458]</td>
</tr>
<tr>
<td>Spike: Shape</td>
<td>Cylindrical [H 77/833-2/Pusa 23/DD 23]</td>
</tr>
<tr>
<td>Seed: Colour</td>
<td>Grey [842 B/D 23]</td>
</tr>
<tr>
<td>Seed: Shape</td>
<td>Globular [843 B/HBB 67]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

NB-153 R has distinguishing characters like erect plant growth habit, late time of spike emergence, yellow spike anther colour, absence of plant node pubescence, green plant node pigmentation, partial spike exsertion, cylindrical spike shape, presence of spike tip sterility, compact spike density, grey seed colour and globular seed shape.

C. Reference varieties:

1. NB-10 R: It has distinguishing characters like erect plant growth habit, medium time of spike emergence, brown spike anther colour, absence of plant node pubescence, purple plant node pigmentation, complete spike exsertion, cylindrical spike shape, absence of spike tip sterility, semi compact spike density, grey seed colour and obovate seed shape.

2. NB-20 R: It has distinguishing characters like erect plant growth habit, medium time of spike emergence, yellow spike anther colour, absence of plant node pubescence, purple plant node pigmentation, complete spike exsertion, conical spike shape, presence of spike tip sterility, semi compact spike density, grey seed colour and obovate seed shape.

D. Date of commercialization of the variety

Candidate variety is a parental line and has been used for development of hybrid NBH-77 which is under commercialization since July 30, 1997.

E. Photographs: (See figure 12a and b)
13. Application No. **E32** **PG 40** 09 469 filed on 03/11/2009 by Mr. C. Rama Krishna, Vice President (R&D), Nuziveedu Seeds Pvt. Limited, Survey No. 69, Gundlapochampally (Village & Panchayat), Medchal – Mandal, Rangareddy- District- 501 401 (A.P.), India on behalf of Nuziveedu Seeds Pvt. Limited, NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034, India for a extant (variety of common knowledge) plant variety of crop Pearl millet [\textit{Pennisetum glaucum} (L.) R. Br.] having denomination NB-151 R, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on --------NA--------.

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

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

**Passport data of the variety NB-151 R:**

**Applicant**: Nuziveedu Seeds Private Limited

**Address of the Applicant**: NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034 (India)

**Nationality of Applicant**: Indian

**Application details**

- **Number**: E32 PG 40 09 469
- **Date of receipt**: 03/11/2009
- **Date of acceptance**: 19/09/11

**Crop (Taxonomical Lineage)**: Pearl Millet [\textit{Pennisetum glaucum} (L.) R. Br.]

**Denomination**: NB-151R

**Type of Variety**: Extant (Variety of Common Knowledge)

**Classification of Variety**: Parental line

**Previously proposed**
denomination: Not applicable
Name of Parental Material: (NB-82 X NB- 54) 7-9-4-3-2-2-1
Name of Reference Varieties: NB-10 R & NB-20 R

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant: Time of spike emergence</td>
<td>Medium [Pusa 23/Pusa 605/843 A]</td>
</tr>
<tr>
<td>Anther: Colour</td>
<td>Yellow [HHB 94/G 73-107/RHRBI 458]</td>
</tr>
<tr>
<td>Spike: Shape</td>
<td>Cylinrical [H 77/833-2/Pusa 23/DD 23]</td>
</tr>
<tr>
<td>Seed: Colour</td>
<td>Grey [842 B/D 23]</td>
</tr>
<tr>
<td>Seed: Shape</td>
<td>Globular [843 B/HHB 67]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

NB-151 R has distinguishing characters like erect plant growth habit, medium time of spike emergence, yellow spike anther colour, absence of plant node pubescence, green plant node pigmentation, complete spike exsertion, cylindrical spike shape, absence of spike tip sterlity, semi compact spike density, grey seed colour and globular seed shape.

C. Reference varieties:

1. NB-10 R: It has distinguishing characters like erect plant growth habit, medium time of spike emergence, brown spike anther colour, absence of plant node pubescence, purple plant node pigmentation, complete spike exsertion, cylindrical spike shape, absence of spike tip sterlity, semi compact spike density, grey seed colour and obovate seed shape.

2. NB-20 R: It has distinguishing characters like erect plant growth habit, medium time of spike emergence, yellow spike anther colour, absence of plant node pubescence, purple plant node pigmentation, complete spike exsertion, conical spike shape, presence of spike tip sterlity, semi compact spike density, grey seed colour and obovate seed shape.

D. Date of commercialization of the variety

Candidate variety is a parental line and has been used for development of hybrid NBH-216 which is under commercialization since June 26, 2005.

E. Photographs: (See figure 13)
14. Application No. E 33 PG 41 09 470 filed on 03/11/2009 by Mr. C.Rama Krishna, Vice President (R&D), Nuziveedu Seeds Pvt. Limited, Survey No. 69, Gundlapochampally (Village & Panchayat), Medchal – Mandal, Rangareddy- District- 501 401 (A.P.), India on behalf of Nuziveedu Seeds Pvt. Limited, NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034, India for a extant (variety of common knowledge) plant variety of crop Pearl millet \textit{[Pennisetum glaucum (L.) R. Br.]} having denomination NB-102 A, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number  

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


**Passport data of the variety NB-102 A:**

**Applicant** : Nuziveedu Seeds Private Limited

**Address of the Applicant** : NSL ICON, No. 8-2-684/2/A,
Plots No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034 (India)

**Nationality of Applicant** : Indian

**Application details**

a. **Number** : E 33 PG41 09 470

b. **Date of receipt** : 03/11/2009

c. **Date of acceptance** : 19/09/11

**Crop (Taxonomical Lineage)** : Pearl Millet \textit{[Pennisetum glaucum (L.) R. Br.]}  

**Denomination** : NB-102 A  

**Type of Variety** : Extant (Variety of Common Knowledge)  

**Classification of Variety** : Parental line  

**Previously proposed**
denomination : Not applicable
Name of Parental Material : Parent 1: 5141 A
Parent 2 : 522 B
Name of Reference Varieties : NB-60 A & NB-61 A

Variety Description:

A. Group Characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant: Time of spike emergence</td>
<td>Medium [Pusa 23/Pusa 605/843 A]</td>
</tr>
<tr>
<td>Anther: Colour</td>
<td>Yellow [HHB 94/G73-107/RHRBI 458]</td>
</tr>
<tr>
<td>Spike: Shape</td>
<td>Cyndrical [H 77/833-2/Pusa 23/D 23]</td>
</tr>
<tr>
<td>Seed: Colour</td>
<td>Grey [842 B/D 23]</td>
</tr>
<tr>
<td>Seed: Shape</td>
<td>Globular [843 B/HHB 67]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

**NB-102 A** has distinguishing characters like erect plant growth habit, medium time of spike emergence, yellow spike anther colour, absence of plant node pubescence, brown plant node pigmentation, complete spike exsertion, cylindrical spike shape, absence of spike tip sterility, compact spike density, grey seed colour and globular seed shape.

C. Reference varieties:

1. **NB-60 A**: It has distinguishing characters like erect plant growth habit, medium time of spike emergence, yellow spike anther colour, absence of plant node pubescence, green plant node pigmentation, complete spike exsertion, cylindrical spike shape, presence of spike tip sterility, semi compact spike density, grey seed colour and globular seed shape.
2. **NB-61 A**: It has distinguishing characters like erect plant growth habit, medium time of spike emergence, yellow spike anther colour, absence of plant node pubescence, green plant node pigmentation, complete spike exsertion, conical spike shape, absence of spike tip sterility, compact spike density, grey seed colour and globular seed shape.

D. Date of commercialization of the variety

Candidate variety is a parental line and has been used for development of hybrid NBH-4455 which is under commercialization since June 20, 2003.

E. Photographs: (See figure 14)
15. Application No. **E 34 PG 42 09 471** filed on 03/11/2009 by Mr. C.Rama Krishna, Vice President (R&D), Nuziveedu Seeds Pvt. Limited, Survey No. 69, Gundlapochampally (Village & Panchayat) , Medchal – Mandal, Rangareddy- District- 501 401 (A.P.), India on behalf of Nuziveedu Seeds Pvt. Limited, NSL ICON , No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034, India for a extant (variety of common knowledge) plant variety of crop Pearl millet [Pennisetum glaucum(L.) R. Br.] having denomination **NB-101 A**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number ------NA------on ---------NA-------.

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

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

Passport data of the variety NB-101 A:

**Applicant** : Nuziveedu Seeds Private Limited

**Address of the Applicant** : NSL ICON, No. 8-2-684/2/A,

Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12,

Banjara Hills, Hyderabad- 500 034 (India)

**Nationality of Applicant** : Indian

**Application details**

a. **Number** : **E 34 PG42 09 471**
b. **Date of receipt** : 03/11/2009
c. **Date of acceptance** : 19/09/11

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

**Denomination** : **NB-101 A**

**Type of Variety** : Extant (Variety of Common Knowledge)

**Classification of Variety** : Parental line

**Previously proposed**

---
denomination: Not applicable
Name of Parental Material:
  Parent 1: 843 A
  Parent 2: 243 B
Name of Reference Varieties: NB-60 A & NB-61 A

Variety Description:

A. Group Characteristics

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant: Time of spike emergence</td>
<td>Early [CMH 356]</td>
</tr>
<tr>
<td>Anther: Colour</td>
<td>Brown [842 B/81 B]</td>
</tr>
<tr>
<td>Spike: Shape</td>
<td>Cylindrical [H 77/833-2/Pusa 23/D 23]</td>
</tr>
<tr>
<td>Seed: Colour</td>
<td>Grey [842 B/D 23]</td>
</tr>
<tr>
<td>Seed: Shape</td>
<td>Globular [843 B/HHB 67]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

NB-101 A has distinguishing characters like erect plant growth habit, early time of spike emergence, brown spike anther colour, absence of plant node pubescence, brown plant node pigmentation, complete spike exsertion, cylindrical spike shape, presence of spike tip sterility, semi compact spike density, grey seed colour and globular seed shape.

C. Reference varieties:

1. NB-60 A: It has distinguishing characters like erect plant growth habit, medium time of spike emergence, yellow spike anther colour, absence of plant node pubescence, green plant node pigmentation, complete spike exsertion, cylindrical spike shape, presence of spike tip sterility, semi compact spike density, grey seed colour and globular seed shape.

2. NB-61 A: It has distinguishing characters like erect plant growth habit, medium time of spike emergence, yellow spike anther colour, absence of plant node pubescence, green plant node pigmentation, complete spike exsertion, conical spike shape, absence of spike tip sterility, compact spike density, grey seed colour and globular seed shape.

D. Date of commercialization of the variety

Candidate variety is a parental line and has been used for development of hybrid NBH-77 which is under commercialization since July 30, 1997.

E. Photographs: (See figure 15)
16. Application No. \[\text{N01 SB 01 10 037}\] filed on 09/02/2010 by DR BS Dahiya, Chief Coordinator, R& D, Kaveri Seed Company Limited on behalf of M/s Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad-500 003 (A.P.), India for a new plant variety of crop Sorghum [\text{Sorghum bicolor} (L.) Moench] having denomination KSMS 234, the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number \text{--------NA-----} on \text{-------NA--}.

The convention application no. \text{-------NA-------}, in respect of the said variety has been filed on \text{-------NA------}, in \text{-------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 KSMS 234:

**Applicant** : Kaveri Seed Company Limited  
**Address of the Applicant** : M/s Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad-500 003 (A.P.), India 
**Nationality of Applicant** : Indian

**Application details**

- **a. Number** : \[\text{N01 SB 01 10 037}\] 
- **b. Date of receipt** : 09/02/2010 
- **c. Date of acceptance** : 27/7/2011 

**Crop (Taxonomical Lineage)** : Sorghum [\text{Sorghum bicolor} (L.) Moench] 
**Denomination** : KSMS 234 
**Type of Variety** : New 
**Classification of Variety** : Typical variety 
**Previously Proposed** : Not applicable
Denomination: KSMS 234
Name of Parental Material:
- Male Parent: Strain A (234 A)
- Female Parent: Strain B (234 B)
Name of Reference Varieties: MS 27 A & AKMS 14 A

Variety Description:

### A. Group Characteristics

<table>
<thead>
<tr>
<th></th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adaption of Season</td>
<td>Kharif / rabi</td>
</tr>
<tr>
<td>Plant: Time of panicle emergence (50% of the plants with complete panicle emergence)</td>
<td>Medium [CSH 16]</td>
</tr>
<tr>
<td>Plant: Plant total height at maturity</td>
<td>Medium [RS 673]</td>
</tr>
<tr>
<td>Panicle: shape</td>
<td>Symmetric [CSH 9]</td>
</tr>
<tr>
<td>Caryopsis: Colour after threshing</td>
<td>Grayed white [Pant Chari 4]</td>
</tr>
</tbody>
</table>

### B. Distinct Characteristics:

KSMS 234 has distinguishing characters adoption of kharif and rabi season, medium time of panicle emergence & plant total height, symmetric panicle shape, grayed white colour of caryopsis after threshing, medium stigma length, long length of flower, short glume length and medium size of mark of germ.

### C. Reference varieties:

1. **MS 27 A**: It has distinguishing characters adoption of kharif and rabi season, medium time of panicle emergence & plant total height, symmetric panicle shape, white colour of caryopsis after threshing, short stigma length, long length of flower, short glume length and large size of mark of germ.

2. **AKMS 14 A**: It has distinguishing characters adoption of kharif and rabi season, early time of panicle emergence, medium plant total height, symmetric panicle shape, white colour of caryopsis after threshing, short stigma length, long length of flower, very short glume length
and large size of mark of germ.

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

E. Photographs: (See figure 16)

17. Application No. `N02 SB 02 10 038` filed on 09/02/2010 by DR BS Dahiya, Chief Coordinator, R& D, Kaveri Seed Company Limited on behalf of M/s Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad-500 003 (A.P.), India for a new plant variety of crop Sorghum [Sorghum bicolor (L.) Moench] having denomination KSR 6192, 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 KSR 6192:

Applicant : Kaveri Seed Company Limited

Address of the Applicant : M/s Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad-500 003 (A.P.), India

Nationality of Applicant : Indian

Application details

a. Number : `N02 SB 02 10 038`

b. Date of receipt : 09/02/2010
c. Date of acceptance : 27/07/2011

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

Denomination : KSR 6192

Type of Variety : New

Classification of Variety : Typical (Inbred)

Previously Proposed : Not applicable

Denomination : KSR 6192

Name of Parental Material : Parent 1: KSR 6192 Male Fertile

Name of Reference Varieties : C-43 and Indore 12

Variety Description:

A. Group Characteristics

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adaption of Season</td>
<td>Kharif/ rabi</td>
</tr>
<tr>
<td>Plant: Time of panicle emergence (50% of the plants with complete panicle emergence)</td>
<td>Medium [CSH 16]</td>
</tr>
<tr>
<td>Plant: Plant total height at maturity</td>
<td>Medium [RS 673]</td>
</tr>
<tr>
<td>Panicle: shape</td>
<td>Boarder at upper part [JJ 741]</td>
</tr>
<tr>
<td>Caryopsis: Colour after threshing</td>
<td>Grayed white [Pant Chari 4]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

KSR 6192 has distinguishing characters adoption of kharif and rabi season, short natural plant height of plant up to base of flag leaf, broader at upper part panicle shape, semi-loose panicle density at maturity, medium grain weight and large grain size of mark of germ.
C. Reference varieties:

1. **C-43**: It has distinguishing characters adoption of kharif and rabi season, medium natural plant height of plant up to base of flag leaf, broader at upper part panicle shape, semi-compact panicle density at maturity, low grain weight and medium grain size of mark of germ.

2. **Indore 12**: It has distinguishing characters adoption of kharif and rabi season, medium natural plant height of plant up to base of flag leaf, symmetric panicle shape, semi-compact panicle density at maturity, low grain weight and medium grain size of mark of germ.

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

E. Photographs: (See figure 17)

18. Application No. [N03 SB 03 10 039] filed on 09/02/2010 by DR BS Dahiya, Chief Coordinator, R& D, Kaveri Seed Company Limited on behalf of M/s Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad-500 003 (A.P.), India for a new plant variety of crop **Sorghum** [*Sorghum bicolor* (L.) Moench] having denomination **KSMS 237**, 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 KSMS 237:**

**Applicant** : Kaveri Seed Company Limited
Address of the Applicant : M/s Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad-500 003 (A.P.), India

Nationality of Applicant : Indian

Application details

a. Number : [N03 SB03 10 039]

b. Date of receipt : 09/02/2010

c. Date of acceptance : 27/7/2011

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

Denomination : KSMS 237

Type of Variety : New

Classification of Variety : Typical

Previously Proposed : Not applicable

Denomination : KSMS 237

Name of Parental Material : Male Parent: Strain A (237 A)
Female Parent: Strain B (237 B)

Name of Reference Varieties : MS 27 A & AKMS 14 A

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adaption of Season</td>
<td>Kharif/ rabi</td>
</tr>
<tr>
<td>Plant: Time of panicle emergence (50% of the plants with complete panicle emergence)</td>
<td>Medium [CSH 16]</td>
</tr>
<tr>
<td>Plant: Plant total height at maturity</td>
<td>Short [2219 B]</td>
</tr>
</tbody>
</table>
B. Distinct Characteristics:

KSMS 237 has distinguishing characters like adoption of both kharif and rabi season, medium time of panicle emergence, short plant total height at maturity, boarder in lower part of panicle shape, yellow white colour of caryopsis after threshing, medium stigma length and short flower with pedicel and glume length.

C. Reference varieties:

1. MS 27 A: It has distinguishing characters adoption of both kharif and rabi season, medium time of panicle emergence and total plant height at maturity, symmetric panicle shape, white colour of caryopsis after threshing, short stigma length, long flower with pedicel and short glume length.

2. AKMS 14 A: It has distinguishing characters adoption of both kharif and rabi season, early time of panicle emergence, medium total plant height at maturity, symmetric panicle shape, white colour of caryopsis after threshing, short stigma length, long flower with pedicel and very short glume length.

D. Date of commercialization of the variety: Not commercialized

E. Photographs: (See figure 18)

19. Application No. N 29 GH 33 10 045 filed on 15/02/2010 by Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India on behalf of Tulasi Seeds Private Limited, 6-4-6, Arundelpet 4/5, Guntur-522 002, Andhra Pradesh, India for a new plant variety of crop Tetraploid cotton [Gossypium hirsutum L.] having denomination TULASI 333, the specification includes its
drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on --------NA--------.

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


Passport data of the variety TULASI 333:

Applicant : Tulasi Seeds Private Limited

Address of the Applicant : 6-4-6, Arundelpet 4/5. Guntur-522 002, Andhra Pradesh, India

Nationality of Applicant : Indian

Application details

a. Number : N 29 GH 33 10 045

b. Date of receipt : 15/02/2010

c. Date of acceptance : 28/07/2011

Crop (Taxonomical Lineage) : Tetraploid cotton [Gossypium hirsutum L.]

Denomination : TULASI 333

Type of Variety : New

Classification of Variety : Hybrid (Transgenic)

Previously proposed denomination : Not applicable

Name of Parental Material : Parent1: TCS- 235

Parent 2: TCS -136

Name of Reference Varieties : Sruthi & DCH 32

Variety Description:

A. Group Characteristics | Remarks measured values, example varieties, etc.
------------------------|----------------------------------------
Species                 | Gossypium hirsutum L
Leaf: Shape  
Semi digitate [LHH 144 (H)]

Flower: Petal colour  
Yellow [Laxmi (H)]

Flower: Pollen colour  
Yellow [LRA 5166 (H)]

Boll : Shape (longitudinal section)  
Ovate [Surabhi (H)]

Fibre: Length  
Extra long [MCU 5 VT (H)]

B. Distinct Characteristics:
TULASI 333 has distinguishing characters like light green leaf colour, dense leaf hairiness and plant stem hairiness, yellow flower and pollen colour, ovate boll shape (longitudinal shape), smooth boll surface, large boll weight of seed cotton/ boll and high ginning percentage.

C. Reference varieties:
1. SRUTHI: It has distinguishing characters like green leaf colour, medium leaf hairiness and plant stem hairiness, cream flower and pollen colour, elliptic boll shape (longitudinal shape), pitted boll surface and medium boll weight of seed cotton/boll & ginning percentage.
2. DCH 32: It has distinguishing characters like green leaf colour, medium leaf hairiness and plant stem hairiness, yellow flower and pollen colour, ovate boll shape (longitudinal shape), pitted boll surface, medium boll weight of seed cotton/boll and ginning percentage.

D. Date of commercialization of the variety  
Commercialized since 30/05/2009.

E. Photographs: (See figure 19)

20. Application No. N01 ZM 01 10 047 filed on 22/02/2010 by Mr. C. Rama Krishna, Vice President (R&D), Nuziveedu Seeds Pvt. Limited, Survey No. 69, Gundlapochampally (Village & Panchayat), Medchal – Mandal, Rangareddy- District 501 401 (A.P.), India on behalf of Nuziveedu Seeds Pvt. Limited, NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4th Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034, India for a new plant variety of crop Maize [Zea mays L.] having denomination NSCL-15 (SWEET CORN), the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on --------NA--------.
The convention application no. ----NA------, in respect of the said variety has been filed on ----NA------, in ---NA----.


Passport data of the variety NSCL-15 (SWEET CORN):

Applicant: Nuziveedu Seeds Private Limited
Address of the Applicant: NSL ICON, No. 8-2-684/2/A, Plot No. 1 to 4, 4\textsuperscript{th} Floor, Opp. ICICI Bank, Road No. 12, Banjara Hills, Hyderabad- 500 034 (India)
Nationality of Applicant: Indian

Application details
\begin{itemize}
  \item[a.] Number: \textbf{N 01 ZM 01 10 47}
  \item[b.] Date of receipt: 22/02/2010
  \item[c.] Date of acceptance: 19/08/11
\end{itemize}

Crop (Taxonomical Lineage): Maize [\textit{Zea mays} L.]
Denomination: NSCL-15 (SWEET CORN)
Type of Variety: New
Classification of Variety: Parental line

Previously proposed denomination: Not applicable
Name of Parental Material: Sweet corn population-3 (SWPOP-3-5-1-1-1-1-1-1)
Name of Reference Varieties: Win Orange Sweet Corn & Priya Sweet Corn

Variety Description:
\begin{table}
<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tassel : Time of anthesis</td>
<td>Late [HKI 1126]</td>
</tr>
<tr>
<td>Ear : Time of silk emergence (50% of plant)</td>
<td>Late [HKI 1126]</td>
</tr>
<tr>
<td>Ear : Anthocyanin colouration of silks</td>
<td>Absent [HKI 1025]</td>
</tr>
</tbody>
</table>
\end{table}
Plant : Length  Medium [HKI 233]
Ear : Type of grain  Dent [HM 5]

B. Distinct Characteristics:

NSCL-15 (SWEET CORN) has distinguishing characters like wide leaf angles between blade and stem (on just above upper leaves), late time of anthesis (on middle third of main axis, 50% of plants), dense tassel density of spike lets (in middle third of main axis), wide tassel angle between main axis and lateral branches (in lower third of tassel), straight tassel attitude of lateral branches, late ear time of panicle emergence (50% of plants), medium plant length (up to flag leaf), low plant ear placement, broad leaf width of blade (leaf of upper ear), long ear length (without husk), medium diameter without husk (in middle), cylindrical ear shape, many ear number of rows of grain and yellow ear colour of top of grain.

C. Reference varieties:

1. WIN Orange Sweet Corn: It has distinguishing characters like small leaf angles between blade and stem (on just above upper leaves), medium time of anthesis (on middle third of main axis, 50% of plants), sparse tassel density of spike lets (in middle third of main axis), narrow tassel angle between main axis and lateral branches (in lower third of tassel), curved tassel attitude of lateral branches, medium ear time of panicle emergence (50% of plants), medium plant length (up to flag leaf), medium plant ear placement, medium leaf width of blade (leaf of upper ear), long ear length (without husk), long ear diameter without husk (in middle), conico-cylindrical ear shape, many ear number of rows of grain and yellow ear colour of top of grain.

2. Priya Sweet Corn: It has distinguishing characters like small leaf angles between blade and stem (on just above upper leaves), early time of anthesis (on middle third of main axis, 50% of plants), sparse tassel density of spike lets (in middle third of main axis), narrow tassel angle between main axis and lateral branches (in lower third of tassel), straight tassel attitude of lateral branches, early ear time of panicle emergence (50% of plants), long plant length (up to flag leaf), medium plant ear placement, medium leaf width of blade (leaf of upper ear), medium ear length (without husk), long ear diameter without husk (in middle), conico-cylindrical ear shape, medium ear number of rows of grain and orange ear colour of top of grain.

D. Date of commercialization of the variety

Candidate variety is a parental line and has been used for development of hybrid NSCH-12 (sweet corn) which is
E. Photographs: (See figure 20a, b, c and d)

21. Application No. N05 PG 05 10 064 filed on 08/03/2010 by Dr. BS Dahiya, Chief Coordinator, R& D, Kaveri Seed Company Limited on behalf of M/s Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad-500 003 (A.P.), India for a new plant variety of crop Pearl millet [Pennisetum glaucum (L.) R.Br.] having denomination KBR 870, the specification including its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA----- on -----

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


Passport Data of the variety KBR 870:

Applicant : Kaveri Seed Company Limited

Address of the Applicant : M/s Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad-500 003 (A.P.), India

Nationality of Applicant : Indian

Application details

a. Number : N05 PG 05 10 064

b. Date of receipt : 08/03/2010

c. Date of acceptance : 01/08/2001
Crop (Taxonomical Lineage) : Pearl millet [*Pennisetum glaucum* (L.) R.Br.]

Denomination : KBR 870

Type of Variety : New

Classification of Variety : Typical (Inbred)

Previously Proposed : Not applicable

Denomination : KBR 870

Name of Parental Material : Parent 1: KBR 870 (Male fertile)

Name of Reference Varieties : HTP 94/54 & PIB 1234

Variety Description:

A. Group Characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant time of spike emergence</td>
<td>Late [GHB 316/ICMH 451]</td>
</tr>
<tr>
<td>Anther: colour</td>
<td>Brown [842 B/ 81 B]</td>
</tr>
<tr>
<td>Spike : shape</td>
<td>Spindle [PT 1890/ G 73-107]</td>
</tr>
<tr>
<td>Seed : colour</td>
<td>Deep grey [GHB 558]</td>
</tr>
<tr>
<td>Seed : shape</td>
<td>Globular [843 B/ HHB 67]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

*KBR 870* has distinguishing characters like late time of spike emergence, brown spike anther colour, complete spike exertion, absence of spike bristle colour, spindle spike shape, presence of spike tip sterility, compact spike density, deep grey seed colour and globular seed shape.

C. Reference varieties:

1. **HTP 94/54**: It has distinguishing characters like very late time of spike emergence, yellow spike anther colour, complete spike exertion, absence spike bristle colour, lanceolate spike shape, presence of spike tip sterility, loose spike density, yellow seed colour and globular
2. 843-22 A: It has distinguishing characters like very late time of spike emergence, yellow spike anther colour, complete spike exertion, brown spike bristle colour, lanceolate spike shape, presence of spike tip sterility, loose spike density, yellow brown seed colour and elliptical seed shape.

| D. Date of commercialization of the variety | Not commercialized or nor exploited. |

E. Photographs: (See figure 21)

22. Application No. N06 PG06 10 065 filed on 08/03/2010 by Dr. BS Dahiya, Chief Coordinator, R&D, Kaveri Seed Company Limited on behalf of M/s Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad-500 003 (A.P.), India for a new plant variety of crop Pearl millet [Pennisetum glaucum (L.) R. Br.] having denomination KBMS 29, 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 KBMS 293:

Applicant: Kaveri Seed Company Limited
Address of the Applicant : M/s Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad-500 003 (A.P.), India

Nationality of Applicant : Indian

Application details

a. Number : N06 PG 06 10 065

b. Date of receipt : 08/03/2010

c. Date of acceptance : 01/08/2001

Crop (Taxonomical Lineage) : Pearl millet \( (Pennisetum glaucum (L.)R. Br.) \)

Denomination : KBMS 293

Type of Variety : New

Classification of Variety : Typical (Inbred)

Previously Proposed : Not applicable

Denomination : KBMS 293

Name of Parental Material : Parent 1: Strain A (461 A)

Parent 2: Strain B (KBMF 293)

Name of Reference Varieties : ICMA 95444& 843-22 A

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant time of spike emergence</td>
<td>Late [GHB 316/ICMH 451]</td>
</tr>
<tr>
<td>Anther: colour</td>
<td>Brown [842 B/ 81 B]</td>
</tr>
<tr>
<td>Spike : shape</td>
<td>Conical [842 B/ ICMP 423/ ICMH 356]</td>
</tr>
</tbody>
</table>
### B. Distinct Characteristics:

KBMS 293 has distinguishing characters like erect plant growth habit, brown spike anther colour, purple plant node pigmentation, red pigmentation on plant inter node, conical spike shape, absence of spike tip sterility, compact spike density, grey seed colour and very bold seed weight of 1000 grain(s).

### C. Reference varieties:

1. ICMA 95444: It has distinguishing characters like spreading plant growth habit, yellow spike anther colour, brown pigmentation on plant node and inter node, conical spike shape, presence of spike tip sterility, compact spike density, grey brown seed colour and medium seed weight of 1000 grain(s).

2. 843-22 A: It has distinguishing characters like intermediate plant growth habit, yellow spike anther colour, green pigmentation on plant node and inter node, lanceolate spike shape, presence of spike tip sterility, loose spike density, yellow brown seed colour and medium seed weight of 1000 grain(s).

### D. Date of commercialization of the variety

| Date of commercialization of the variety | Not comercialized |

### E. Photographs: (See figure 22a and b)

23. Application No. N10 PG10 10 069 filed on 08/03/2010 by Dr. BS Dahiya, Chief Coordinator, R&D, Kaveri Seed Company Limited on behalf of M/s Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad 500 003 (A.P.), India for a new plant variety of crop Pearl millet [Pennisetum glaucum (L.)R. Br.] having denomination KBMS 231, 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 KBMS 231:

Applicant : Kaveri Seed Company Limited

Address of the Applicant : M/s Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad-500 003 (A.P.), India

Nationality of Applicant : Indian

Application details

a. Number : [N10] [PG 10] [10] [069]

b. Date of receipt : 08/03/2010

c. Date of acceptance : 01/08/2001

Crop (Taxonomical Lineage) : Pearl millet [Pennisetum glaucum (L.)R. Br.]

Denomination : KBMS 231

Type of Variety : New

Classification of Variety : Typical (Inbred)

Previously Proposed : Not applicable

Denomination : KBMS 231
**Name of Parental Material**

Parent 1: Strain A (203 A)

Parent 2: Strain B (KBMF 231)

**Name of Reference Varieties**

ICMA 95444 & 843-22 A

**Variety Description:**

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant time of spike emergence</td>
<td>Very late [HHB 117/ J-2290]</td>
</tr>
<tr>
<td>Anther: colour</td>
<td>Brown [842 B/ 81 B]</td>
</tr>
<tr>
<td>Spike : shape</td>
<td>Conical [842 B/ ICMP 423/ ICMH 356]</td>
</tr>
<tr>
<td>Seed : colour</td>
<td>Grey [842 B/ D 23]</td>
</tr>
<tr>
<td>Seed : shape</td>
<td>Globular [843 B/ HHB 67]</td>
</tr>
</tbody>
</table>

**B. Distinct Characteristics:**

KBMS 231 has distinguishing characters like erect plant growth habit, brown spike anther colour, green node plant pigmentation, conical spike shape, compact spike density, grey seed colour and globular seed shape.

**C. Reference varieties:**

1. **ICMA 95444:** It has distinguishing characters like spreading plant growth habit, yellow spike anther colour, brown node plant pigmentation, conical spike shape, compact spike density, grey brown seed colour and globular seed shape.

2. **843-22 A:** It has distinguishing characters like intermediate plant growth habit, yellow spike anther colour, green pigmentation on plant node, lanceolate spike shape, loose spike density, yellow brown seed colour and globular seed shape.

**D. Date of commercialization of the variety**

Not commercialized
E. Photographs: (See figure 23)

24. Application No. [N04 SB 04 10 074] filed on 08/03/2010 by Dr. BS Dahiya, Chief Coordinator, R& D, Kaveri Seed Company Limited on behalf of M/s Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad-500 003 (A.P.), India for a new plant variety of crop *Sorghum* [*Sorghum bicolor* (L.) Moench] having denomination KSR 6195, 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 KSR 6195:

**Applicant** : Kaveri Seed Company Limited

**Address of the Applicant** : M/s Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad-500 003 (A.P.), India

**Nationality of Applicant** : Indian

**Application details**

  a. Number : [N04 SB 04 10 074]
  
  b. Date of receipt : 08/03/2010
  
  c. Date of acceptance : 27/7/2011

**Crop (Taxonomical Lineage)** : *Sorghum* [*Sorghum bicolor* (L.) Moench]
Denomination : KSR 6195

Type of Variety : New

Classification of Variety : Typical (Inbred)

Previously Proposed : Not applicable

Denomination : KSR 6195

Name of Parental Material : Parent 1: KSR 6195 Male Fertile

Name of Reference Varieties : C-43 and Indore 12

Variety Description:

A. Group Characteristics

<table>
<thead>
<tr>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adaption of Season</td>
</tr>
<tr>
<td>Plant: Time of panicle emergence (50% of the plants with complete panicle emergence)</td>
</tr>
<tr>
<td>Plant: Plant total height at maturity</td>
</tr>
<tr>
<td>Panicle: shape</td>
</tr>
<tr>
<td>Caryopsis: Colour after threshing</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

*KSR 6195* has distinguishing characters adoption of *kharif* and *rabi* season, medium time of panicle emergence, symmetric panicle shape, grayed white caryopsis colour after threshing, medium stigma length, long flower with pedicle and short glume length.

C. Reference varieties:

1. **C-43**: It has distinguishing characters adoption of *kharif* and *rabi* season, medium time of panicle emergence, broader at upper part panicle shape, white caryopsis colour after threshing, short stigma length, short flower with pedicle and very short glume length.
2. **Indore 12**: It has distinguishing characters adoption of kharif and rabi season, late time of panicle emergence, symmetric panicle shape, white caryopsis colour after threshing, short stigma length, medium flower with pedicle and very short glume length.

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

E. **Photographs**: (See figure 24)

25. Application No. [N11 PG 11 10 117] filed on 19/04/2010 by Mr. Ajay Kumar Sud, 2nd Floor, F-3, South Extension Part-1, New Delhi- 110 049, India on behalf of Pioneer Overseas Corporation- India Branch Office, 3rd & 4th Floor, Babukans’ Millennium Centre, 6- 3-1099/1100, Raj Bhavan Road, Somajiguda, Hyderabad- 500 082, Andhra Pradesh, India for a new plant variety of crop **Pearl millet** [*Pennisetum glaucum* (L.) R.Br.] having denomination **86 M 33**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number -----------NA--------on -----------NA--------.

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

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

**Passport data of the variety 86 M 33:**

**Applicant** : Pioneer Overseas Corporation

**Address of the Applicant** : 3rd & 4th Floor, Babukans’ Millennium Centre, 6- 3-1099/1100, Raj Bhavan Road, Somajiguda, Hyderabad- 500 082, Andhra Pradesh, India

**Nationality of Applicant** : Indian
Application details

a. Number : N11 PG 11 10 117
b. Date of receipt : 19/04/2010
c. Date of acceptance : 09/08/2011

Crop (Taxonomical Lineage) : Pearl millet [Pennisetum glaucum (L.) R.Br.]

Denomination : 86 M 33

Type of Variety : New

Classification of Variety : Hybrid

Previously proposed denomination : Not applicable

Name of Parental Material

Male Parent: M 118 R
Female Parent: M 096 F

Name of Reference Varieties : 7686 & 7688

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant: Time of spike emergence</td>
<td>Medium [Pusa 23/Pusa 605/843 A]</td>
</tr>
<tr>
<td>Anther: Colour</td>
<td>Yellow [HHB 94/G 73-107/RHRBI 458]</td>
</tr>
<tr>
<td>Spike : Shape</td>
<td>Conical [842 B/ICMP 423/ICMH 356]</td>
</tr>
<tr>
<td>Seed : Colour</td>
<td>Grey [842 B/D 23]</td>
</tr>
<tr>
<td>Seed: Shape</td>
<td>Hexagonal [--]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

86 M 33 has distinguishing characters like medium time of spike emergence, short leaf sheath length, medium blade leaf length, medium blade leaf width, yellow spike anther colour, green plant node pigmentation, small spike length, thick spike girth at maximum point, short plant height (excluding spike length), grey seed colour, hexagonal seed shape and very bold seed weight of 1000 grains.

C. Reference varieties:

1. 7686: It has distinguishing characters like medium time of spike emergence, medium leaf...
sheath length, short blade leaf length, medium blade leaf width, purple spike anther colour, purple plant node pigmentation, medium spike length, medium spike girth at maximum point, medium plant height (excluding spike length), dark grey seed colour, globular seed shape and bold seed weight of 1000 grains.

2. **7688**: It has distinguishing characters like early time of spike emergence, medium leaf sheath length, short blade leaf length, narrow blade leaf width, yellowish brown spike anther colour, purple plant node pigmentation, medium spike length, medium spike girth at maximum point, medium plant height (excluding spike length), grey seed colour, globular seed shape and bold seed weight of 1000 grains.

| D. Date of commercialization of the variety | 06/05/2009 |

**E. Photographs:** (See figure 25a, b and c)

26. Application No. [N12 PG 12 10 118] filed on 19/04/2010 by Mr. Ajay Kumar Sud, 2nd Floor, F-3, South Extension Part-1, New Delhi- 110 049, India on behalf of Pioneer Overseas Corporation- India Branch Office, 3rd & 4th Floor, Babukans’ Millennium Centre, 6- 3-1099/1100, Raj Bhavan Road, Somajiguda, Hyderabad- 500 082, Andhra Pradesh, India for a new plant variety of crop **Pearl millet** [Pennisetum glaucum (L.) R.Br.] having denomination **86 M 66**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA--------on -----------NA--------.

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

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

**Passport data of the variety 86 M 66:**

**Applicant** : Pioneer Overseas Corporation
Address of the Applicant: 3rd & 4th Floor, Babukans’ Millennium Centre,
6- 3-1099/1100, Raj Bhavan Road, Somajiguda,
Hyderabad- 500 082, Andhra Pradesh, India

Nationality of Applicant: Indian

Application details

a. Number: N12 PG 12 10 118
b. Date of receipt: 19/04/2010
c. Date of acceptance: 09/08/2011

Crop (Taxonomical Lineage): Pearl millet [Pennisetumglaucum (L.) R.Br.]

Denomination: 86 M 66

Type of Variety: New

Classification of Variety: Hybrid

Previously proposed denomination: Not applicable

Name of Parental Material
Male Parent: M 118 R
Female Parent: M 124 F

Name of Reference Varieties: 7686 & 7688

Variety Description:

A. Group Characteristics | Remarks measured values, example varieties, etc.
--- | ---
Plant: Time of spike emergence | Medium [Pusa 23/Pusa 605/843 A]
Anther: Colour | Yellow [HHB 94/G 73-107/RHRBI 458]
Spike : Shape | Conical [842 B/ICMP 423/ICMH 356]
Seed : Colour | Grey [842 B/D 23]
Seed: Shape | Globular [843 B/HHB 67]

B. Distinct Characteristics:

86 M 66 has distinguishing characters like medium time of spike emergence, long leaf blade length, broad leaf blade width, yellow spike anther colour, green plant node pigmentation and grey seed colour.
C. Reference varieties:

1. **7686**: It has distinguishing characters like medium time of spike emergence, short leaf blade length, medium leaf blade width, purple spike anther colour, purple plant node pigmentation and dark grey seed colour.

2. **7688**: It has distinguishing characters like early time of spike emergence, short leaf blade length, narrow leaf blade width, yellowish brown spike anther colour, purple plant node pigmentation and grey seed colour.

D. Date of commercialization of the variety

| Date of commercialization of the variety | Not applicable. |

E. Photographs: (See figure 26a, b and c)

27. Application No. [N13 PG 13 10 126] filed on **13/05/2010** by Mr. Ajay Kumar Sud, 2nd Floor, F-3, South Extension Part-1, New Delhi- 110 049, India on behalf of Pioneer Overseas Corporation- India Branch Office, 3rd & 4th Floor, Babukans’ Millennium Centre, 6- 3-1099/1100, Raj Bhavan Road, Somajiguda, Hyderabad- 500 082, Andhra Pradesh, India for a new plant variety of crop **Pearl millet** [Pennisetum glaucum (L.) R.Br.] having denomination **86 M 86**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number --------NA-------on --------NA--------.

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

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

Passport data of the variety **86 M 86:**

**Applicant** : Pioneer Overseas Corporation

**Address of the Applicant** : 3rd & 4th Floor, Babukans’ Millennium Centre,
Nationality of Applicant: Indian

Application details
a. Number: N13 PG 13 10 126
b. Date of receipt: 13/05/2010
c. Date of acceptance: 29/09/2011

Crop (Taxonomical Lineage): Pearl millet [Pennisetum glaucum (L.) R.Br.]

Denomination: 86 M 86

Type of Variety: New

Classification of Variety: Hybrid

Previously proposed denomination: Not applicable

Name of Parental Material
Male Parent: M 128 G
Female Parent: M 128 F

Name of Reference Varieties: 86 M 66 & 86 M 64

Variety Description:

A. Group Characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant: Time of spike emergence</td>
<td>Late [GHB 316/ICMH 451]</td>
</tr>
<tr>
<td>Anther: Colour</td>
<td>Purple [RHB 30/403 A]</td>
</tr>
<tr>
<td>Spike: Shape</td>
<td>Conical [842 B/ICMP 423/ICMH 356]</td>
</tr>
<tr>
<td>Seed: Colour</td>
<td>Grey [842 B/D 23]</td>
</tr>
<tr>
<td>Seed: Shape</td>
<td>Hexagonal [--]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

86 M 86 has distinguishing characters like purple spike anther colour, green plant node pigmentation, thick spike girth at maximum point, hexagonal seed shape, very compact spike density, late time of spike emergence, grey seed colour and medium seed weight of 1000 grains.

C. Reference varieties:

1. 86 M 66: It has distinguishing characters like brownish yellow spike anther colour, purple
plant node pigmentation, medium spike girth at maximum point, obovate & hexagonal seed shape, very compact spike density, medium time of spike emergence, grey seed colour and bold seed weight of 1000 grains.

2. **86 M 64**: It has distinguishing characters like yellow spike anther colour, green plant node pigmentation, thick spike girth at maximum point, obovate seed shape, compact spike density, medium time of spike emergence, light grey seed colour and bold seed weight of 1000 grains.

| D. Date of commercialization of the variety | 18/05/2009. |

E. Photographs: (See figure 27a and b)

28. Application No. **N02 HA 03 10 133** filed on **01/06/2010** by **Dr. Malathi Lakshmikumaran, Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi- 110 029, India** on behalf of **Maharashtra Hybrid Seeds Company Limited, Mahyco Research Centre, Jalna, Aurangabad Road, P.O. Box Jalna-431 203 (Maharashtra), India** for a **new plant variety** of crop **Sunflower** [*Helianthus annuus* L.] having denomination **SF 4048**, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number **---------NA--------on ---------NA--------**.

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

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

Passport data of the variety **SF 4048**:

<table>
<thead>
<tr>
<th>Applicant</th>
<th>Maharashtra Hybrid Seeds Company Limited</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address of the Applicant</td>
<td>Mahyco Research Centre, Jalna, Aurangabad Road</td>
</tr>
<tr>
<td></td>
<td>P.O. Box Jalna-431 203 (Maharashtra), India</td>
</tr>
<tr>
<td>Nationality of Applicant</td>
<td>Indian</td>
</tr>
</tbody>
</table>

Application details

| N02 | HA 03 | 10 | 133 |
Crop (Taxonomical Lineage): Sunflower \([Helianthus annuus}\ L.\]

Denomination: SF 4048

Type of Variety: New

Classification of Variety: Inbred paren line

Previously proposed denomination: Not applicable

Name of Parental Material:
Parent 1: 36 B
Parent 2: HA 335 B

Name of Reference Varieties:
HA 89 & Morden

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant: Time of 50% flowering</td>
<td>Medium [KBSH-1/KBSH-41]</td>
</tr>
<tr>
<td>Leaf: Serration</td>
<td>Coarse [CMS-17 A/RSFH-1]</td>
</tr>
<tr>
<td>Plant: Height</td>
<td>Medium [BSH 1/PKVSF-9]</td>
</tr>
<tr>
<td>Plant: Branching</td>
<td>Absent [Morden/KBSH-1/KBSH-44]</td>
</tr>
<tr>
<td>Seed coat: Stripes (longitudinal section)</td>
<td>Absent [RHA 274/PKVSH-27]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

SF 4048 has distinguishing characters like medium time of 50% flowering and leaf size, green leaf colour, acute lead angles of lateral veins, medium ray floret number, elongated ray floret shape, vertical head attitude, small head diameter, flat head shape of grain side, medium plant height, medium seed length, ovate elongated seed shape, absence of seed coat stripes and high seed oil content.

C. Reference varieties:

1. HA 89: It has distinguishing characters like medium time of 50% flowering and leaf size, green leaf colour, obtuse lead angles of lateral veins, many ray floret number, ovate ray floret shape, half turned down head attitude, small head diameter, concave head shape of grain side,
short plant height and seed length, ovate elongated seed shape, presence of seed coat stripes and medium seed oil content.

2. Morden: It has distinguishing characters like early time of 50% flowering, large leaf size, dark green leaf colour, obtuse lead angles of lateral veins, medium ray floret number, elongated ray floret shape, vertical head attitude, large head diameter, convex head shape of grain side, short plant height and seed length, ovate wide seed shape, absence of seed coat stripes and medium seed oil content.

| D. Date of commercialization of the variety | Candidate variety is an inbred parental line and has not been used as one of the parent to make hybrid variety. |

E. Photographs: (See figure 28)

29. Application No. | N1 | SB1 | 11 | 3 | filed on 04/01/2011 by Mr. I.S. Halakude, Research Manager, Nirmal Seeds Private Limited, P.O. Box - 63, Bhadgaon Road, Pachora - 424201, District - Jalgaon (MS), India, on behalf of Nirmal Seeds Private Limited, P.O. Box - 63, Bhadgaon Road, Pachora - 424201, District - Jalgaon (MS), India for a new plant variety of crop Sorghum [Sorghum bicolor L. Moench] having denomination Suvarna (NSRR-259), the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number ------NA------on-------- NA ------.

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


Passport data of the variety Suvarna (NSRR-259):

Applicant : Nirmal Seeds Private Limited

Address of the Applicant : P.O. Box-63, Bhadgaon Road,

Pachora - 424201, District - Jalgaon (MS), India
Nationality of Applicant : Indian

Application details
a. Number : N1 SB1 11 3
b. Date of receipt : 04/01/2011
c. Date of acceptance : 30/09/2011

Crop (Taxonomical Lineage) : Sorghum [Sorghum bicolor L. Moench]
Denomination : Suvarna (NSRR-259)
Type of Variety : New
Classification of Variety : Typical
Previously proposed denomination : Not applicable

Name of Parental Material : NSRR-662 x NSRR-629
Name of Reference Varieties : Maldandi

Variety Description:

<table>
<thead>
<tr>
<th>A. Group Characteristics</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kharif or Rabi adaptation</td>
<td>Rabi</td>
</tr>
<tr>
<td>Plant: Time of panicle emergence (50% of the</td>
<td>Medium [CSH 16]</td>
</tr>
<tr>
<td>plants with complete panicle emergence)</td>
<td></td>
</tr>
<tr>
<td>Plant: Total height at maturity</td>
<td>Medium [RS 673]</td>
</tr>
<tr>
<td>Panicle: Shape</td>
<td>Long [--]</td>
</tr>
<tr>
<td>Caryopsis: Colour after threshing</td>
<td>White [MAN T1]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

Suvarna (NSRR-259) has distinguishing characters like long panicle shape, medium panicle length without peduncle, yellow green leaf midrib colour, medium total height at maturity and medium time of panicle emergence.

C. Reference varieties:

1. Maldandi: It has distinguishing characters like medium panicle shape, short panicle length without peduncle, grayed yellow leaf midrib colour, long total height at maturity and late time of panicle emergence.
D. Date of commercialization of the variety | Not commercialized.

E. Photographs: (See figures 29a, b and c)

30. Application No. | N1 | OS1 | 11 | 4 | filed on 04/01/2011 by Mr. I.S. Halakude, Research Manager, Nirmal Seeds Private Limited, P.O. Box - 63, Bhdgaon Road, Pachora - 424201, District - Jalgaon (MS), India, on behalf of Nirmal Seeds Private Limited, P.O. Box - 63, Bhdgaon Road, Pachora - 424201, District - Jalgaon (MS), India for a new plant variety of crop Rice (Oryza sativa L.) having denomination Nirmal-101 (NPH-101), the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number ------NA------ on ------- NA-------.

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


Passport data of the variety Nirmal-101 (NPH-101):

Applicant : Nirmal Seeds Private Limited

Address of the Applicant : P.O. Box-63, Bhdgaon Road,
                                      Pachora - 424201, District - Jalgaon (MS), India

Nationality of Applicant : Indian

Application details

a. Number : N1 | OS1 | 11 | 4

b. Date of receipt : 04/01/2011

c. Date of acceptance : 30/09/2011

Crop (Taxonomical Lineage) : Rice (Oryza sativa L.)
<table>
<thead>
<tr>
<th>Denomination</th>
<th>: Nirmal-101 (NPH-101)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of Variety</td>
<td>: New</td>
</tr>
<tr>
<td>Classification of Variety</td>
<td>: Hybrid</td>
</tr>
<tr>
<td>Previously proposed denomination</td>
<td>: Not applicable</td>
</tr>
<tr>
<td>Name of Parental Material</td>
<td>: IR-58025A x NPR-36</td>
</tr>
<tr>
<td>Name of Reference Varieties</td>
<td>: KRH-2</td>
</tr>
</tbody>
</table>

**Variety Description:**

A. Group Characteristics

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basal leaf: Sheath colour</td>
<td>Light purple [Annada, Bhogali]</td>
</tr>
<tr>
<td>Time of heading (50% of plants with panicle)</td>
<td>Medium [Vikas, Triguna]</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>Long [Ratna, Triguna]</td>
</tr>
<tr>
<td>Decorticate grain: Shape (in lateral view)</td>
<td>Long slender [Krishna Hamsa]</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:

**Nirmal-101 (NPH-101)** has distinguishing characters like medium intensity of green colour of leaf, medium time of 50 percent heading, semi erect attitude of blade, semi erect culm attitude, medium number of panicles per plant and medium days to maturity.

C. Reference varieties:

1. **KRH-2**: It has distinguishing characters like light intensity of green colour of leaf, early time of 50 percent heading, erect attitude of blade, semi erect culm attitude, few number of panicles per plant and early days to maturity.
D. Date of commercialization of the variety
Not commercialized.

E. Photographs: (See figure 30a, b and c)

31. Application No. N2 OS2 11 5 filed on 04/01/2011 by Mr. I.S. Halakude, Research Manager, Nirmal Seeds Private Limited, P.O. Box - 63, Bhadgaon Road, Pachora - 424201, District - Jalgaon (MS), India, on behalf of Nirmal Seeds Private Limited, P.O. Box - 63, Bhadgaon Road, Pachora - 424201, District - Jalgaon (MS), India for a new plant variety of crop Rice (Oryza sativa L.) having denomination NB-3 (Madhumati), the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number ------NA------ on ------- NA------.

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


Passport data of the variety NB-3 (Madhumati):

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

Application details
a. Number : N2 OS2 11 5
b. Date of receipt : 04/01/2011
c. Date of acceptance : 30/09/2011

Crop (Taxonomical Lineage) : Rice (Oryza sativa L.)
Denomination: NB-3 (Madhumati)

Type of Variety: New

Classification of Variety: Typical

Previously proposed denomination: Not applicable

Name of Parental Material: Acc-114 x Acc-87/HD Selection

Name of Reference Varieties: Pusa-2551

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>Light purple [Annada, Bhogali]</td>
</tr>
<tr>
<td>Time of heading (50% of plants with panicle)</td>
<td>Medium [Vikas, Triguna]</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>Extra long [---]</td>
</tr>
<tr>
<td>Decorticate grain: Shape (in lateral view)</td>
<td>Extra long [---]</td>
</tr>
<tr>
<td>Decorticate grain: Colour</td>
<td>Light red [Jyothi]</td>
</tr>
<tr>
<td>Endosperm: Content of amylose</td>
<td>Medium [Taroari Basmati]</td>
</tr>
<tr>
<td>Decorticate grain: Aroma</td>
<td>Present [Bas. 370]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

NB-3 (Madhumati) has distinguishing characters like light purple intensity of green colour of leaf, medium time of 50 percent heading, semi erect attitude of blade, extra long decorticated grain length and extra long decorticated grain shape.

C. Reference varieties:

1. Pusa-2551: It has distinguishing characters like green intensity of colour of leaf, medium time of 50 percent heading, erect attitude of blade, long decorticated grain length and long slender decorticated grain shape.
D. Date of commercialization of the variety | Not commercialized.

E. Photographs: (See figure 31a, b and c)

32. Application No. [N3] [OS3] 11 6 filed on 04/01/2011 by Mr. I.S. Halakude, Research Manager, Nirmal Seeds Private Limited, P.O. Box - 63, Bhadgaon Road, Pachora - 424201, District - Jalgaon (MS), India, on behalf of Nirmal Seeds Private Limited, P.O. Box - 63, Bhadgaon Road, Pachora - 424201, District - Jalgaon (MS), India for a new plant variety of crop Rice (Oryza sativa L.) having denomination Nirmal-150 (NPH-150), the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number ------NA------ on ------- NA------.

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


Passport data of the variety Nirmal-150 (NPH-150):

Applicant : Nirmal Seeds Private Limited
Address of the Applicant : P.O. Box-63, Bhadgaon Road,
                            Pachora - 424201, District - Jalgaon (MS), India
Nationality of Applicant : Indian
Application details
  a. Number : [N3] [OS3] 11 6
  b. Date of receipt : 04/01/2011
  c. Date of acceptance : 30/09/2011
Crop (Taxonomical Lineage) : Rice (Oryza sativa L.)
Denomination: Nirmal-150 (NPH-150)
Type of Variety: New
Classification of Variety: Hybrid
Previously proposed denomination: Not applicable
Name of Parental Material: IR-58025A x NPR-37
Name of Reference Varieties: Sahyadri-4

Variety Description:

A. Group Characteristics

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Remarks, measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basal leaf: Sheath colour</td>
<td>Light purple [Annada, Bhogali]</td>
</tr>
<tr>
<td>Time of heading (50% of plants with panicle)</td>
<td>Early [Rasi, Ravi]</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>Long [Ratna, Triguna]</td>
</tr>
<tr>
<td>Decorticate grain: Shape (in lateral view)</td>
<td>Long slender [Krishna Hamsa]</td>
</tr>
<tr>
<td>Decorticate grain: Colour</td>
<td>Light red [Jyothi]</td>
</tr>
<tr>
<td>Endosperm: Content of amylose</td>
<td>Medium [Taroari Basmati]</td>
</tr>
<tr>
<td>Decorticate grain: Aroma</td>
<td>Present [Bas. 370]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

Nirmal-150 (NPH-150) has distinguishing characters like medium intensity of green colour of leaf, early time of 50 percent heading, semi erect attitude of blade, semi erect culm attitude, medium number of panicles per plant and long decorticated grain length.

C. Reference varieties:

1. Sahyadri-4: It has distinguishing characters like light intensity of green colour of leaf, early time of 50 percent heading, erect attitude of blade, semi erect culm attitude, few number of panicles per plant and long decorticated grain length.
D. Date of commercialization of the variety | Not commercialized.

E. Photographs: (See figure 32a, b and c)

33. Application No. | filed on 27/01/2011 by Dr. Gururaj Kulkarni, Syngenta India Limited, Amar Paradigm, S.No. 110/113, Baner –Balewadi Road, Baner, Pune -411045, India on behalf of Syngenta India Limited, Amar Paradigm, S.No. 110/113, Baner –Balewadi Road, Baner, Pune -411045, India for a new plant variety of crop Sunflower [Helianthus annuus L.] having denomination SYN-SF-293, the specification includes its drawing and or photograph(s) of which are given below, has been accepted and given registration number ---------NA--------on ---------NA--------.

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


Passport data of the variety SYN-SF-293:

Applicant : Syngena India Limited

Address of the Applicant : Amar Paradigm, S.No. 110/113,
Baner –Balewadi Road Baner, Pune -411045, India

Nationality of Applicant : Indian

Application details
a. Number : N01 HA 05 11 100
b. Date of receipt : 27/01/2011
c. Date of acceptance : 20/09/2011

Crop (Taxonomical Lineage) : Sunflower [Helianthus annuus L.]

Denomination : SYN-SF-293

Type of Variety : New
Classification of Variety: Hybrid
Previously proposed denomination: Not applicable
Name of Parental Material: Parent 1: FS 559
                                          Parent 2: IR 40240
Name of Reference Varieties: SYN-SF-275 PR & SYN-SF-Armoni

Variety Description:

A. Group Characteristics

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Remarks measured values, example varieties, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant: Time of 50% flowering</td>
<td>Early [Morden/PKVSF-9]</td>
</tr>
<tr>
<td>Leaf: Serration</td>
<td>Medium [KBSH-42/PSFH-118]</td>
</tr>
<tr>
<td>Plant: Height</td>
<td>Medium [BSH 1/PKVSF-9]</td>
</tr>
<tr>
<td>Plant: Branching</td>
<td>Absent [Morden/KBSH-1/KBSH-44]</td>
</tr>
<tr>
<td>Seed coat: Stripes (longitudinal section)</td>
<td>Present [Surya/KBSH-1/KBSH-41]</td>
</tr>
</tbody>
</table>

B. Distinct Characteristics:

SYN-SF-293 has distinguishing characters like early time of 50% flowering, rounded bract shape, absence of disk floret anthocyanin pigmentation of stigma, turned down head attitude and ovoide wide seed shape.

C. Reference varieties:

1. SYN-SF-275 R: It has distinguishing characters like medium time of 50% flowering, elongated bract shape, medium of disk floret anthocyanin pigmentation of stigma, half turned down head attitude and ovoide elongate seed shape.
2. SYN-SF-Armoni: It has distinguishing characters like medium time of 50% flowering, elongated bract shape, medium of disk floret anthocyanin pigmentation of stigma, half turned down head attitude and ovoide elongate seed shape.

D. Date of commercialization of the variety
Candidate variety has not been commercialized.

E. Photographs: (See figure 33a and b)
Photograph of candidate varieties notified in Plant Variety Journal of India, Vol. - 05, No.- 11, November 01, 2011

**Figure 01:** Tetraploid Cotton: RCH 111 Bt

**Figure 02:** Tetraploid Cotton: G 6882644

**Figure 03:** Rice: 25 P 25

**Figure 04:** Tetraploid cotton: SIGMA
Figure 05: Tetraploid Cotton: GRACE

Figure 05a: General view of crop
Figure 05b: General view of bolls

Figure 06: Bread wheat: Ajay (NW-72)

Figure 06a: General view of spike
Figure 06b: View of plant pigmentation
Figure 06c: General view of grain

Figure 07: Pearl millet: NB 61 A

Figure 07: General view of crop

Figure 08: Pearl millet: NB 86 R

Figure 08: General view of crop
Chitr 9:
Figure 09: Pearl millet: NB 14 A

Chitr 9:
Figure 09a: General view of spike

Chitr 9:
Figure 09b: General view of crop

Chitr 10:
Figure 10: Pearl millet: NB 153 R

Chitr 10:
Figure 10a: General view of crop

Chitr 10:
Figure 10b: General view of crop

Chitr 11:
Figure 11: Pearl millet: NB 10 R

Chitr 11:
Figure 11a: General view of spike

Chitr 11:
Figure 11b: View of spike
Figure 12: Pearl millet: NB 152 R

Figure 12a: View of spike

Figure 12b: General view of crop

Figure 13: Pearl millet: NB 151 R

Figure 13: General view of crop

Figure 14: Pearl millet: NB 102 A

Figure 14: General view of crop

Figure 15: Pearl millet: NB 101 A

Figure 15: General view of crop

Figure 16: Pearl millet: KSMS 234

Figure 16: General view of panicle
Figure 17: Sorghum: KSR 6192

Figure 18: Sorghum: KSMS 237

Figure 19: Tetraploid cotton: TULASI 333

Figure 20: Maize: NSCL-15 (Sweet Corn)
Figure 21: Pearl millet: KBR 870

Figure 21: View of anther colour

Figure 22: Pearl millet: KBMS 293

Figure 22a: View of stem node pigmentation

Figure 22b: General view of crop

Figure 23: Pearl millet: KBMS 231

Figure 23: General view of crop
Figure 24: Sorghum: KSR 6195

Figure 24: General view of crop

Figure 25: Pearl millet: 86 M 33

Figure 25a: View of plant stem
Figure 25b: General view of spike
Figure 25c: View of anther

Figure 26: Pearl millet: 86 M 66

Figure 26a: View of plant stem
Figure 26b: View of stem pigmentation
Figure 26c: View of anther
विचित्र 27:
Figure 27: Pearl millet: 86 M 86

विचित्र 27a: View of plant stem

विचित्र 27b: View of anther colour

विचित्र 28:
Figure 28: Sunflower: SF-4048

विचित्र 28: General view of crop

विचित्र 29:
Figure 29: Sorghum: Suvarna (NSRR-259)

विचित्र 29a: View of leaf midrib colour

विचित्र 29b: View of panicle density and shape

विचित्र 29c: View of grain shape and luster
Figure 30: Rice: Nirmal-101 (NPH-101)

- Figure 30a: View of culm attitude
- Figure 30b: View of leaf collar
- Figure 30c: View of intensity of anthocyanin colouration

Figure 31: Rice: NB-3 (Madhumati)

- Figure 31a: View of intensity of green colour
- Figure 31b: View of culm attitude
- Figure 31c: View of grain type

Figure 32: Rice: Nirmal-150 (NPH-150)

- Figure 32a: View of anthocyanin colouration
- Figure 32b: View of culm attitude
- Figure 32c: View of leaf collar
Figure 33: Sunflower: SYN-SF-293

Figure 33a: General view of crop

Figure 33b: View of head