



सत्यमेव जयते

भारत सरकार
GOVERNMENT OF INDIA

भारतीय पौधा किस्म जर्नल

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

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



भारत सरकार
GOVERNMENT OF INDIA

भारतीय पौधा किस्म जर्नल, खण्ड 05, अंक 09
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PROTECTION OF PLANT VARIETIES & FARMERS' RIGHTS AUTHORITY
NASC Complex, DPS Marg, Opp. Todapur Village, New Delhi – 110 012

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

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

PUBLIC NOTICE

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.

N14	SB14	10	147
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 filed on **03/06/2010** by **M/s Kavari Seed Company Limited, # 513 – B, 5th Floor, Minerva Complex, S. D. Road, Secunderabad – 500003, Andhra Pradesh, India** on behalf of -----NA----- for a **New plant variety** of crop **Sorghum** [*Sorghum bicolor* L. Moench] having denomination **KSMS 263**, 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 KSMS 263:

Applicant : M/s Kavari Seed Company Limited

Address of the Applicant : # 513 – B, 5th Floor,
Minerva Complex, S. D. Road,
Secunderabad – 500003,
Andhra Pradesh, India

Nationality of Applicant : Indian

Application details

a. Number :

N14	SB14	10	147
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b. Date of receipt : 03/06/2010

c. Date of acceptance : 21/07/2011

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

Denomination : KSMS 263

Type of Variety : New

Classification of Variety : Typical
Previously proposed denomination : Not applicable
Name of Parental Material : KSMS 263
Name of Reference Varieties : MS 27A and AKMS 14A

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Kharif or Rabi adaptation	Kharif
Plant: Time of panicle emergence (50% of the plants with complete panicle emergence)	Early (CSH 14)
Plant: Total height at maturity	Medium (RS 673)
Panicle: Shape	Symmetric (CSH 9)
Caryopsis: Colour after threshing	Yellow orange (27B)
B. Distinct Characteristics: KSMS 263 has distinguishing characters like presence of lemma arista formation, medium length of stigma, grayed orange colour of dry anther, yellow orange caryopsis colour after threshing.	
C. Reference varieties: 1. MS 27A: It has distinguishing characters like absence of lemma arista formation, short length of stigma, yellow orange colour of dry anther, white caryopsis colour after threshing. 2. AKMS 14A: It has distinguishing characters like absence of lemma arista formation, short length of stigma, orange colour of dry anther, yellow white caryopsis colour after threshing.	
D. Date of commercialization of the variety	Not commercialized.

E. Photographs: (See figure 01)

02. Application No.

N17	SB17	10	150
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 filed on 03/06/2010 by M/s Kavari Seed Company Limited, # 513 – B, 5th Floor, Minerva Complex, S. D. Road, Secunderabad – 500003, Andhra Pradesh, India on behalf of -----NA----- for a New plant variety of crop

Sorghum [*Sorghum bicolor* L. Moench] having denomination **KSR 6194**, 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 KSR 6194:

Applicant : M/s Kavari Seed Company Limited

Address of the Applicant : # 513 – B, 5th Floor,
Minerva Complex, S. D. Road,
Secunderabad – 500003,
Andhra Pradesh, India

Nationality of Applicant : Indian

Application details

a. Number

N17	SB17	10	150
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b. Date of receipt

: 03/06/2010

c. Date of acceptance

: 21/07/2011

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

Denomination : KSR 6194

Type of Variety : New

Classification of Variety : Typical

Previously proposed

denomination : Not applicable

Name of Parental Material : KSR 6194

Name of Reference Varieties : C 43 and Indore 12

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Kharif or Rabi adaptation	Kharif
Plant: Time of panicle emergence (50% of the plants with complete panicle emergence)	Medium (CSH 16)
Plant: Total height at maturity	Short (2219 B)
Panicle: Shape	Symmetric (CSH 9)
Caryopsis: Colour after threshing	Yellow orange (27B)
B. Distinct Characteristics: KSR 6194 has distinguishing characters like white mid rib colour of leaf (5 th fully developed leaf), long length of flower with pedicle, grayed orange glume colour, large size of mark of grain germ.	
C. Reference varieties: 1. C-43: It has distinguishing characters like yellow green mid rib colour of leaf (5 th fully developed leaf), short length of flower with pedicle, yellow white glume colour, medium size of mark of grain germ. 2. AKMS 14A: It has distinguishing characters like yellow green mid rib colour of leaf (5 th fully developed leaf), medium length of flower with pedicle, yellow white glume colour, medium size of mark of grain germ.	
D. Date of commercialization of the variety	Not commercialized.

E. Photographs: (See figure 02)

03. Application No.

E2	HA5	10	154
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filed on **08/06/2010** by **M/s**

Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi-110029 on behalf of **Syngenta India Limited, Amar Paradigm, S. No. 110/11/3, Baner, Pune – 411045, Maharashtra, India** for a extant (**Variety of Common Knowledge**) plant variety of crop **Sunflower** [*Helianthus annus* L.] having denomination **SYN-SF-ARMONI**, 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 SYN-SF-ARMONI:

Applicant : Syngenta India Limited

Address of the Applicant : Amar Paradigm, S. No. 110/11/3,
Baner, Pune – 411045,
Maharashtra, India

Nationality of Applicant : Indian

Application details

a. Number :

E2	HA5	10	154
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b. Date of receipt : 08/06/2010

c. Date of acceptance : 21/07/2011

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

Denomination : SYN-SF-ARMONI

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed

denomination : Not applicable

Name of Parental Material : FS715 X FR83305

Name of Reference Varieties : KBSH-1 and Sunbred-207

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant: Time of 50% flowering	Medium (KBSH-1)
Leaf: Serration	Medium (KBSH-42)
Plant: Height	Tall (KBSH-1)

Plant: Branching	Absent (KBSH-1)
Seed Coat: Stripes	Present (KBSH-1)
B. Distinct Characteristics:	
<p>SYN-SF-ARMONI has distinguishing characters like medium anthocyanin pigmentation of hypocotyl, medium time of flowering, cordate shape of leaf, green leaf colour, elongated shape of bract, half turned down head attitude, convex shape of grain side of head and tall plant height.</p>	
C. Reference varieties:	
<p>1. KBSH-1: It has distinguishing characters like absence of anthocyanin pigmentation of hypocotyl, medium time of flowering, rounded shape of leaf, dark green leaf colour, rounded shape of bract, turned down head attitude, flat shape of grain side of head and tall plant height.</p>	
<p>2. Sunbred-207: It has distinguishing characters like absence of anthocyanin pigmentation of hypocotyl, early time of flowering, cordate shape of leaf, light green leaf colour, elongated shape of bract, turned down head attitude, flat shape of grain side of head and medium plant height.</p>	
D. Date of commercialization of the variety	Commercialized since 12/10/2007.

E. Photographs: (See figure 03a and b)

04. Application No.

E3	HA6	10	155
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 filed on **08/06/2010** by **M/s Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi-110029** on behalf of **Syngenta India Limited, Amar Paradigm, S. No. 110/11/3, Baner, Pune – 411045, Maharashtra, India** for a extant (**Variety of Common Knowledge**) plant variety of crop **Sunflower** [*Helianthus annuus* L.] having denomination **SYN-SF-275PR**, 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 SYN-SF-275PR:

Applicant : Syngenta India Limited

Address of the Applicant : Amar Paradigm, S. No. 110/11/3,
Baner, Pune – 411045,
Maharashtra, India

Nationality of Applicant : Indian

Application details

a. Number :

E3	HA6	10	155
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b. Date of receipt : 08/06/2010

c. Date of acceptance : 21/07/2011

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

Denomination : SYN-SF-275PR

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed denomination : Not applicable

Name of Parental Material : FS703 X RW666RM1

Name of Reference Varieties : KBSH-1 and Sunbred-207

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant: Time of 50% flowering	Medium (KBSH-1)
Leaf: Serration	Medium (KBSH-42)
Plant: Height	Tall (KBSH-1)
Plant: Branching	Absent (KBSH-1)
Seed Coat: Stripes	Present (KBSH-1)
B. Distinct Characteristics:	

SYN-SF-275R has distinguishing characters like medium anthocyanin pigmentation of hypocotyl, medium time of flowering, cordate shape of leaf, green leaf colour, many number of ray floret, elongated shape of bract, half turned down head attitude, convex shape of grain side of head and tall plant height.

C. Reference varieties:

1. KBSH-1: It has distinguishing characters like absence of anthocyanin pigmentation of hypocotyl, medium time of flowering, rounded shape of leaf, dark green leaf colour, medium number of ray floret, rounded shape of bract, turned down head attitude, flat shape of grain side of head and tall plant height.

2. Sunbred-207: It has distinguishing characters like absence of anthocyanin pigmentation of hypocotyl, early time of flowering, cordate shape of leaf, light green leaf colour, medium number of ray floret, elongated shape of bract, turned down head attitude, flat shape of grain side of head and medium plant height.

D. Date of commercialization of the variety

Commercialized since 16/05/2005.

E. Photographs: (See figure 04a and b)

05. Application No.

E4

HA7

10

156

filed on **14/06/2010** by **Nusun**

Genetic Research Limited, 501, Subhan Sirisampada, Raj Bhavan Road, Somajiguda, Hyderabad – 500082, Andhra Pradesh, India on behalf of -----NA----- for a **extant (Variety of Common Knowledge) plant variety** of crop **Sunflower** [*Helianthus annus* L.] having denomination **VSFH-2006 (FAME)**, 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 VSFH-2006 (FAME):

Applicant : Nusun Genetic Research Limited

Address of the Applicant : 501, Subhan Sirisampada,
Raj Bhavan Road, Somajiguda,
Hyderabad – 500082,
Andhra Pradesh, India

Nationality of Applicant : Indian

Application details

a. Number :

E4	HA7	10	156
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b. Date of receipt : 14/06/2010

c. Date of acceptance : 11/07/2011

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

Denomination : VSFH-2006 (FAME)

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed

denomination : Not applicable

Name of Parental Material : 210002A X 230077

Name of Reference Varieties : VSFH-1044 (REYFLO) and DRSH-1

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant: Time of 50% flowering	Early (Morden)
Leaf: Serration	Coarse (CMS-17A)
Plant: Height	Tall (KBSH-1)

Plant: Branching	Absent (KBSH-1)
Seed Coat: Stripes	Present (KBSH-1)
B. Distinct Characteristics:	
<p>VSFH-2006 (FAME) has distinguishing characters like early time of flowering, dark green leaf colour, erect orientation of leaf blade, convex shape of grain side of head, tall plant height, ovoid elongated seed shape, medium seed weight (100 seeds in g) and medium (%) hull content of seed.</p>	
C. Reference varieties:	
<p>1. VSFH-1044 (REYFLO): It has distinguishing characters like medium time of flowering, green leaf colour, drooping orientation of leaf blade, convex shape of grain side of head, tall plant height, ovoid elongated seed shape, medium seed weight (100 seeds in g) and medium (%) hull content of seed.</p>	
<p>2. DRSH-1: It has distinguishing characters like medium time of flowering, green leaf colour, drooping orientation of leaf blade, flat shape of grain side of head, very tall plant height, elongated seed shape, high seed weight (100 seeds in g) and low (%) hull content of seed.</p>	
D. Date of commercialization of the variety	Commercialized since 21/07/2008.

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

06. Application No.

E6	HA9	10	158
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 filed on **14/06/2010** by **Vibha Agrotech Limited, 501, Subhan Sirisampada, Raj Bhavan Road, Somajiguda, Hyderabad – 500082, Andhra Pradesh, India** on behalf of ----NA---- for a extant (**Variety of Common Knowledge**) plant variety of crop **Sunflower** [*Helianthus annus* L.] having denomination **VSFH-1003 (GLEN)**, 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 VSFH-1003 (GLEN):

Applicant : Vibha Agrotech Limited
Address of the Applicant : 501, Subhan Sirisampada,
 Raj Bhavan Road, Somajiguda,
 Hyderabad – 500082,
 Andhra Pradesh, India

Nationality of Applicant : Indian

Application details

a. Number :

E6	HA9	10	158
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 b. Date of receipt : 14/06/2010
 c. Date of acceptance : 11/07/2011

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

Denomination : VSFH-1003 (GLEN)

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed denomination : Not applicable

Name of Parental Material : 210019A X 230057

Name of Reference Varieties : VSFH-2006 (FAME) and DRSH-1

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant: Time of 50% flowering	Early (Morden)
Leaf: Serration	Medium (KBSH-42)
Plant: Height	Tall (KBSH-1)

Plant: Branching	Absent (KBSH-1)
Seed Coat: Stripes	Present (KBSH-1)

B. Distinct Characteristics:

VSFH-1003 (GLEN) has distinguishing characters like strong anthocyanin pigmentation of hypocotyl, early time of flowering, medium leaf serration, strong anthocyanin pigmentation of stigma of disk floret, tall plant height, ovoid elongated seed shape and medium (%) hull content of seed.

C. Reference varieties:

1. VSFH-2006 (FAME): It has distinguishing characters like medium anthocyanin pigmentation of hypocotyl, early time of flowering, coarse leaf serration, medium anthocyanin pigmentation of stigma of disk floret, tall plant height, ovoid elongated seed shape and medium (%) hull content of seed.

2. DRSH-1: It has distinguishing characters like medium anthocyanin pigmentation of hypocotyl, medium time of flowering, coarse leaf serration, medium anthocyanin pigmentation of stigma of disk floret, very tall plant height, elongated seed shape and low (%) hull content of seed.

D. Date of commercialization of the variety	Commercialized since 10/01/2005.
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E. Photographs: (See figure 06a, b, c and d)

07. Application No.

E7	HA10	10	159
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 filed on **14/06/2010** by **Vibha Agrotech Limited, 501, Subhan Sirisampada, Raj Bhavan Road, Somajiguda, Hyderabad – 500082, Andhra Pradesh, India** on behalf of -----NA----- for a extant (**Variety of Common Knowledge**) plant variety of crop **Sunflower** [*Helianthus annus* L.] having denomination **VSFH-1006 (CLARA)**, 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 VSFH-1006 (CLARA):

Applicant : Vibha Agrotech Limited
Address of the Applicant : 501, Subhan Sirisampada,
 Raj Bhavan Road, Somajiguda,
 Hyderabad – 500082,
 Andhra Pradesh, India

Nationality of Applicant : Indian

Application details

a. Number :

E7	HA10	10	159
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 b. Date of receipt : 14/06/2010
 c. Date of acceptance : 11/07/2011

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

Denomination : VSFH-1006 (CLARA)

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed denomination : Not applicable

Name of Parental Material : 210020A X 230021

Name of Reference Varieties : VSFH-1008 (CLEO) and DRSH-1

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant: Time of 50% flowering	Medium (KBSH-1)
Leaf: Serration	Medium (KBSH-42)
Plant: Height	Very tall (KBSH-44)

Plant: Branching	Absent (KBSH-1)
Seed Coat: Stripes	Present (KBSH-1)
B. Distinct Characteristics:	
<p>VSFH-1006 (CLARA) has distinguishing characters like dark green leaf colour, medium leaf serration, convex shape of grain side of head, ovoid wide seed shape, medium seed weight (100 seeds in g) and medium (%) hull content of seed.</p>	
C. Reference varieties:	
<p>1. VSFH-1008 (CLEO): It has distinguishing characters like green leaf colour, medium leaf serration, convex shape of grain side of head, ovoid wide seed shape, medium seed weight (100 seeds in g) and high (%) hull content of seed.</p> <p>2. DRSH-1: It has distinguishing characters like green leaf colour, coarse leaf serration, flat shape of grain side of head, elongated seed shape, high seed weight (100 seeds in g) and low (%) hull content of seed.</p>	
D. Date of commercialization of the variety	Commercialized since 11/04/2005.

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

08. Application No.

E8	HA11	10	160
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 filed on **14/06/2010** by **Vibha Agrotech Limited, 501, Subhan Sirisampada, Raj Bhavan Road, Somajiguda, Hyderabad – 500082, Andhra Pradesh, India** on behalf of ----NA----- for a extant (**Variety of Common Knowledge**) plant variety of crop **Sunflower** [*Helianthus annus* L.] having denomination **VSFH-1008 (CLEO)**, 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 VSFH-1008 (CLEO):

Applicant : Vibha Agrotech Limited
Address of the Applicant : 501, Subhan Sirisampada,
Raj Bhavan Road, Somajiguda,
Hyderabad – 500082,
Andhra Pradesh, India

Nationality of Applicant : Indian

Application details

a. Number :

E8	HA11	10	160
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b. Date of receipt : 14/06/2010
c. Date of acceptance : 11/07/2011

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

Denomination : VSFH-1008 (CLEO)

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed denomination : Not applicable

Name of Parental Material : 210022A X 230021

Name of Reference Varieties : VSFH-1006 (CLARA) and DRSH-1

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant: Time of 50% flowering	Medium (KBSH-1)
Leaf: Serration	Medium (KBSH-42)
Plant: Height	Tall (KBSH-1)
Plant: Branching	Absent (KBSH-1)

Seed Coat: Stripes	Present (KBSH-1)
B. Distinct Characteristics: VSFH-1008 (CLEO) has distinguishing characters like medium leaf serration, convex shape of grain side of head, tall plant height, ovoid wide seed shape, medium seed weight (100 seeds in g) and high (%) hull content of seed.	
C. Reference varieties: 1. VSFH-1006 (CLARA): It has distinguishing characters like medium leaf serration, convex shape of grain side of head, very tall plant height, ovoid wide seed shape, medium seed weight (100 seeds in g) and medium (%) hull content of seed. 2. DRSH-1: It has distinguishing characters like coarse leaf serration, flat shape of grain side of head, very tall plant height, elongated seed shape, high seed weight (100 seeds in g) and low (%) hull content of seed.	
D. Date of commercialization of the variety	Commercialized since 29/01/2005.

E. Photographs: (See figure 08a, b and c)

09. Application No.

N67	GH95	10	208
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 filed on **13/07/2010** by **Ankur Seeds (P) Limited, 27-New Cotton Market Layout, Opp. Bus Station, Nagpur-440018, Maharashtra, India** on behalf of -----NA----- for a **new plant variety** of crop **Tetraploid Cotton** [*Gossypium hirsutum* L.] having denomination **GNLC-1**, 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 GNLC-1:

Applicant : Ankur Seeds (P) Limited
Address of the Applicant : 27-New Cotton Market Layout,
 Opp. Bus Station,
 Nagpur-440018,
 Maharashtra, India

Nationality of Applicant : Indian

Application details

a. Number :

N67	GH95	10	208
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b. Date of receipt : 13/07/2010

c. Date of acceptance : 21/07/2011

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

Denomination : GNLC-1

Type of Variety : New

Classification of Variety : Typical

Previously proposed

denomination : Not applicable

Name of Parental Material : VIC 10 X Mutant 651

Name of Reference Varieties : G. Cot-10 and LRA 5166

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Species	<i>Gossypium hirsutum</i> L.
Leaf: Shape	Palmate (Normal) (LRA 5166)
Flower: Petal colour	Yellow (Laxmi)
Flower: Pollen colour	Yellow (LRA 5166)
Boll: Shape (Longitudinal section)	Ovate (Surabhi)
Fibre: Length	Fuzzless (-)
B. Distinct Characteristics:	
GNLC-1 has distinguishing characters like presence of male sterility of flower, very small weight of seed cotton/boll (g) and naked (fuzzless) seed.	

C. Reference varieties:

- 1. G. Cot:** It has distinguishing characters like absence of male sterility of flower, small weight of seed cotton/boll (g) and medium seed fuzz.
- 2. LRA 5166:** It has distinguishing characters like absence of male sterility of flower, small weight of seed cotton/boll (g) and medium seed fuzz.

D. Date of commercialization of the variety	Not commercialized
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E. Photographs: (See figure 09a, b and c)

10. Application No.

E10	HA13	10	229
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 filed on **03/08/2010** by **M/s Lakshmikumaran & Sridharan, B 6/10, Safdarjung Enclave, New Delhi-110029** on behalf of **Syngenta India Limited, Amar Paradigm, S. No. 110/11/3, Baner, Pune – 411045, Maharashtra, India** for a extant (**Variety of Common Knowledge**) **plant variety** of crop **Sunflower** [*Helianthus annus* L.] having denomination **SYN-SF-207**, 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 SYN-SF-207:

Applicant : Syngenta India Limited

Address of the Applicant : Amar Paradigm, S. No. 110/11/3,
Baner, Pune – 411045,
Maharashtra, India

Nationality of Applicant : Indian

Application details

a. Number :

E10	HA13	10	229
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b. Date of receipt : 03/08/2010

c. Date of acceptance : 21/07/2011

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

Denomination : SYN-SF-207

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed

denomination : Not applicable

Name of Parental Material : IS338 X FR810rm1

Name of Reference Varieties : Sunbred-293 and KBSH-1

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant: Time of 50% flowering	Early (Morden)
Leaf: Serration	Medium (KBSH-42)
Plant: Height	Medium (PKVSF-9)
Plant: Branching	Absent (KBSH-1)
Seed Coat: Stripes	Present (KBSH-1)
B. Distinct Characteristics:	
SYN-SF-207 has distinguishing characters like early time of flowering, cordate shape of leaf, light green leaf colour, medium anthocyanin pigmentation of stigma of disc florate, elongated shape of bract, flat shape of grain side of head and ovoid elongated shape of seed.	

C. Reference varieties:
1. Sunbred-293: It has distinguishing characters like early time of flowering, cordate shape of leaf, green leaf colour, absence of anthocyanin pigmentation of stigma of disc florate, elongated shape of bract, convex shape of grain side of head and ovoid wide shape of seed.
2. KBSH-1: It has distinguishing characters like medium time of flowering, rounded shape of leaf, dark green leaf colour, medium anthocyanin pigmentation of stigma of disc florate, rounded shape of bract, flat shape of grain side of head and ovoid elongated shape of seed.

D. Date of commercialization of the variety	Commercialized since 23/02/2005.
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E. Photographs: (See figure 10a and b)

11. Application No.

N27	ZM27	10	231
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 filed on **05/08/2010** by **Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad – 500003, Andhra Pradesh, India** on behalf of -----NA----- for a **new plant variety** of crop **Maize** [*Zea mays* L.] having denomination **KML 5164**, 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 KML 5164:

Applicant : Kaveri Seed Company Limited

Address of the Applicant : # 513-B, 5th Floor,
Minerva Complex, S.D. Road,
Secunderabad – 500003,
Andhra Pradesh, India

Nationality of Applicant : Indian

Application details

a. Number :

N27	ZM27	10	231
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b. Date of receipt : 05/08/2010

c. Date of acceptance : 21/07/2011

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

Denomination : KML 5164
Type of Variety : New
Classification of Variety : Typical
Previously proposed denomination : Not applicable
Name of Parental Material : KML 5164
Name of Reference Varieties : V-335 and V-346

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Tassel: Time of anthesis (on middle third of main axis, 50% plants)	Late (HKI 1126)
Ear: Time of silk emergence (50% plants)	Late (HKI 1126)
Ear: Anthocyanin colouration of silks (on day of emergence)	Present (HKI 323)
Plant: Length (up to flag leaf)	Long (HKI 1128)
Ear: Type of grain (in middle third of ear)	Semi dent (HKI 1344)
<p>B. Distinct Characteristics:</p> <p>KML 5164 has distinguishing characters like presence of anthocyanin colouration of brace roots of stem, sparse density of spikelets of tassel (in middle third of main axis), curved attitude of lateral branches of tassel (in lower third of tassel) and orange with cap ear colour of top of grain.</p>	

<p>C. Reference varieties:</p> <p>1. V-335: It has distinguishing characters like presence of anthocyanin colouration of brace roots of stem, dense density of spikelets of tassel (in middle third of main axis), straight attitude of lateral branches of tassel (in lower third of tassel) and yellow ear colour of top of grain.</p> <p>2. V-346: It has distinguishing characters like absence of anthocyanin colouration of brace roots of stem, dense density of spikelets of tassel (in middle third of main axis), strongly curved attitude of lateral branches of tassel (in lower third of tassel) and yellow with cap ear colour of top of grain.</p>
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D. Date of commercialization of the variety	Not commercialized
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E. Photographs: (See figure 11a and b)

12. Application No.

N28	ZM28	10	232
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 filed on **05/08/2010** by **Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad – 500003, Andhra Pradesh, India** on behalf of -----NA----- for a **new plant variety** of crop **Maize** [*Zea mays* L.] having denomination **KML 5263**, 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 KML 5263:

Applicant : Kaveri Seed Company Limited

Address of the Applicant : # 513-B, 5th Floor,
Minerva Complex, S.D. Road,
Secunderabad – 500003,
Andhra Pradesh, India

Nationality of Applicant : Indian

Application details

a. Number :

N28	ZM28	10	232
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b. Date of receipt : 05/08/2010

c. Date of acceptance : 21/07/2011

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

Denomination : KML 5263

Type of Variety : New

Classification of Variety : Typical

Previously proposed

denomination : Not applicable

Name of Parental Material : KML 5263

Name of Reference Varieties : CM-133 and CM-132

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Tassel: Time of anthesis (on middle third of main axis, 50% plants)	Late (HKI 1126)
Ear: Time of silk emergence (50% plants)	Late (HKI 1126)
Ear: Anthocyanin colouration of silks (on day of emergence)	Absent (HKI 1025)
Plant: Length (up to flag leaf)	Medium (HKI 323)
Ear: Type of grain (in middle third of ear)	Semi dent (HKI 1344)
B. Distinct Characteristics: KML 5263 has distinguishing characters like medium ear placement on plant, medium width of blade of leaf (leaf of upper ear), orange with cap ear colour of top of grain and indented shape of kernel.	
C. Reference varieties: 1. CM-133: It has distinguishing characters like low ear placement on plant, narrow width of blade of leaf (leaf of upper ear), orange ear colour of top of grain and round shape of kernel. 2. CM-132: It has distinguishing characters like low ear placement on plant, narrow width of blade of leaf (leaf of upper ear), yellow ear colour of top of grain and round shape of kernel.	
D. Date of commercialization of the variety	Not commercialized

E. Photographs: (See figure 12a, b and c)

13. Application No.

N30	ZM30	10	234
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 filed on 05/08/2010 by by **Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad – 500003, Andhra Pradesh, India** on behalf of -----NA----- for a **new plant variety** of crop **Maize** [*Zea mays* L.] having denomination **KML 5015**, 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 KML 5015:

Applicant : Kaveri Seed Company Limited

Address of the Applicant : # 513-B, 5th Floor,
Minerva Complex, S.D. Road,
Secunderabad – 500003,
Andhra Pradesh, India

Nationality of Applicant : Indian

Application details

a. Number :

N30	ZM30	10	234
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b. Date of receipt : 05/08/2010

c. Date of acceptance : 21/07/2011

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

Denomination : KML 5015

Type of Variety : New

Classification of Variety : Typical

Previously proposed

denomination : Not applicable

Name of Parental Material : KML 5015

Name of Reference Varieties : CM-133 and CM-132

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Tassel: Time of anthesis (on middle third of main axis, 50% plants)	Late (HKI 1126)
Ear: Time of silk emergence (50% plants)	Late (HKI 1126)
Ear: Anthocyanin colouration of silks (on day of emergence)	Present (HKI 323)
Plant: Length (up to flag leaf)	Medium (HKI 323)
Ear: Type of grain (in middle third of ear)	Semi flint (HKI 1344)
<p>B. Distinct Characteristics:</p> <p>KML 5015 has distinguishing characters like wide angle between main axis and lateral branches of tassel (in lower third of tassel), medium number of rows of grain, semi-flint type of grain (in middle third of ear) and indented shape of kernel.</p>	
<p>C. Reference varieties:</p> <p>1. CM-133: It has distinguishing characters like narrow angle between main axis and lateral branches of tassel (in lower third of tassel), may number of rows of grain, flint type of grain (in middle third of ear) and round shape of kernel.</p> <p>2. CM-132: It has distinguishing characters like narrow angle between main axis and lateral branches of tassel (in lower third of tassel), many number of rows of grain, flint type of grain (in middle third of ear) and round shape of kernel.</p>	
D. Date of commercialization of the variety	Not commercialized

E. Photographs: (See figure 13a, b and c)

14. Application No.

E11	HA14	10	235
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 filed on **05/08/2010** by **Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad – 500003, Andhra Pradesh, India** on behalf of -----NA----- for a extant (**Variety of Common**

Knowledge) plant variety of crop **Sunflower** [*Helianthus annus* L.] having denomination **KSFH-678**, 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 KSFH-678:

Applicant : Kaveri Seed Company Limited

Address of the Applicant : # 513-B, 5th Floor,
Minerva Complex, S.D. Road,
Secunderabad – 500003,
Andhra Pradesh, India

Nationality of Applicant : Indian

Application details

a. Number

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E11	HA14	10	235
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b. Date of receipt

: 05/08/2010

c. Date of acceptance

: 21/07/2011

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

Denomination : KSFH-678

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed

denomination : Not applicable

Name of Parental Material : K-678A X K-678R

Name of Reference Varieties : KBSH-1 and KBSH-44

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant: Time of 50% flowering	Medium (KBSH-1)
Leaf: Serration	Medium (KBSH-42)
Plant: Height	Tall (KBSH-1)
Plant: Branching	Absent (KBSH-1)
Seed Coat: Stripes	Present (KBSH-1)
B. Distinct Characteristics:	
KSFH-678 has distinguishing characters like acute angle of lateral veins of leaf and half turned down attitude of head.	
C. Reference varieties:	
1. KBSH-1: It has distinguishing characters like obtuse angle of lateral veins of leaf and turned down attitude of head.	
2. KBSH-44: It has distinguishing characters like obtuse angle of lateral veins of leaf and turned down attitude of head.	
D. Date of commercialization of the variety	Commercialized since 04/04/2005.

E. Photographs: (See figure 14a and b)

15. Application No.

E13	HA16	10	253
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 filed on **23/08/2010** by **Kaveri Seed Company Limited, # 513-B, 5th Floor, Minerva Complex, S.D. Road, Secunderabad – 500003, Andhra Pradesh, India** on behalf of -----NA----- for a extant (**Variety of Common Knowledge**) plant variety of crop **Sunflower** [*Helianthus annus* L.] having denomination **KSFH-7049**, 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 KSFH-7049:

Applicant : Kaveri Seed Company Limited

Address of the Applicant : # 513-B, 5th Floor,
Minerva Complex, S.D. Road,
Secunderabad – 500003,
Andhra Pradesh, India

Nationality of Applicant : Indian

Application details

a. Number :

E13	HA17	10	253
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b. Date of receipt : 23/08/2010

c. Date of acceptance : 21/07/2011

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

Denomination : KSFH-7049

Type of Variety : Extant (Variety of Common Knowledge)

Classification of Variety : Hybrid

Previously proposed denomination : Not applicable

Name of Parental Material : KSF-270A X KSF-097R

Name of Reference Varieties : KBSH-1 and KBSH-44

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Plant: Time of 50% flowering	Medium (KBSH-1)
Leaf: Serration	Coarse (RSFH-1)
Plant: Height	Very tall (KBSH-44)
Plant: Branching	Absent (KBSH-1)

Seed Coat: Stripes	Present (KBSH-1)
B. Distinct Characteristics: KSFH-7049 has distinguishing characters like acute angle of lateral veins of leaf, drooping orientation of leaf blade, purple colour of disc floret and very tall plant height.	
C. Reference varieties: 1. KBSH-1: It has distinguishing characters like obtuse angle of lateral veins of leaf, erect orientation of leaf blade, yellow colour of disc floret and tall plant height. 2. KBSH-44: It has distinguishing characters like obtuse angle of lateral veins of leaf, erect orientation of leaf blade, yellow colour of disc floret and tall plant height.	
D. Date of commercialization of the variety	Commercialized since 17/04/2008.

E. Photographs: (See figure 15a and b)

16. Application No.

N1	BJ1	10	269
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 filed on 09/09/2010 by by **Mr. Ajay Kumar Sud, F-3, South Extension Part-I, New Delhi-110049** on behalf of **Pioneer Overseas Corporation – India Branch Office, 3rd & 4th Floor, Babukans’ Millennium Centre, 6-3-1099/1100, Raj Bhavan Raod, Somajiguda, Hyderabad – 500082, Andhra Pradesh, India** for a **new plant variety** of crop **Indian Mustard** [*Brassica juncea* L. Czern & Coss] having denomination **45S45**, 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 45S45:

Applicant : Pioneer Overseas Corporation – India Branch Office

Address of the Applicant : 3rd & 4th Floor, Babukans' Millennium Centre,
6-3-1099/1100, Raj Bhavan Raod, Somajiguda,
Hyderabad – 500082,
Andhra Pradesh, India

Nationality of Applicant : Indian

Application details

a. Number :

N1	BJ1	10	269
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b. Date of receipt : 09/09/2010

c. Date of acceptance : 21/07/2011

Crop (Taxonomical Lineage) : Indian Mustard [*Brassica juncea* L. Czern & Coss]

Denomination : 45S45

Type of Variety : New

Classification of Variety : Hybrid

Previously proposed

denomination : Not applicable

Name of Parental Material : JI0799FC X JI0821MC

Name of Reference Varieties : Varuna

Variety Description:

A. Group Characteristics	Remarks measured values, example varieties, etc.
Leaf: Number of lobes	High (CS 52)
Flower: Time of flowering (50% of the plants with at least one open flower)	Medium (BIO 902)
Plant: Main shoot length (cm)	Very long (Rohini)
Silique: Number of seeds per silique	Medium (CS 52)
B. Distinct Characteristics: 45S45 has distinguishing characters like dark green leaf colour, serrate dentation of margin of leaf, long leaf length, broad leaf width, low silique density on main shoot, open silique angle with main shoot, undulated texture of silique and medium number of seeds per silique. .	

C. Reference varieties:

1. Varuna: It has distinguishing characters medium green leaf colour, dentate dentation of margin of leaf, medium leaf length, medium leaf width, medium siliqua density on main shoot, open siliqua angle with main shoot, undulated texture of siliqua and few number of seeds per siliqua.

D. Date of commercialization of the variety

Commercialized since 17/09/2009

E. Photographs: (See figure 16a, b and c)

17. Application No.

N 7	HA 22	10	275
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 filed on 20/09/2010 by **Kaveri Seed Company Limited, 513-B, 5th Floor, Minerva complex, S. D. Road, Secunderabad-500003 (A.P.)** on behalf of -----NA-----for a **new plant variety** of crop **Sunflower** (*Helianthus annuus* L.) having denomination **KSF-004R**, 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 KSF-004R:

Applicant : Kaveri Seed Company Limited

Address of the Applicant : 513-B, 5th Floor, Minerva complex,
S. D. Road, Secunderabad-500003 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number

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N 7	HA 22	10	275
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b. Date of receipt : 20/09/2010

c. Date of acceptance : 03/06/2011

Crop (Taxonomical Lineage) : Sunflower (*Helianthus annuus* L.)

Denomination : KSF-004R

Type of Variety : New

Classification of Variety : Typical

Previously proposed denomination : Not applicable

Name of Parental Material : KSF-004R has been developed for base population

Name of Reference Varieties : RHA-271 & 6D-1

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Plant: Time of 50 % flowering	Late (-)
Leaf: Serration	Medium (KBSH-42)
Plant : Height (cm)	Tall (KBSH-1)
Plant : Branching	Present (RHA 274)
Seed coat: Stripes	Absent (RHA 274)
<p>B. Distinct Characteristics:</p> <p>KSF-004R has distinguishing characters like late time of 50 % flowering, medium leaf blistering, half turned down head attitude, convex head shape of grain side and apical type of branching.</p>	

C. Reference varieties:

RHA-271: It has distinguishing characters like medium time of 50 % flowering, absent leaf blistering, turned down head attitude, flat head shape of grain side and over all type of branching.

6D-1: It has distinguishing characters like medium time of 50 % flowering, strong leaf blistering, turned down head attitude, flat head shape of grain side and over all type of branching.

D. Date of commercialization of the variety

Not commercialized

E. Photographs: (See figure 17a and b)

18. Application No.

N12	HA 27	10	280
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 filed on 20/09/2010 by **Kaveri Seed Company Limited, 513-B, 5th Floor, Minerva complex, S. D. Road, Secunderabad-500003 (A.P.)** on behalf of -----NA-----for a **new plant variety** of crop **Sunflower (*Helianthus annuus* L.)** having denomination **KSF-270A**, 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 KSF-270A:

Applicant : Kaveri Seed Company Limited

Address of the Applicant : 513-B, 5th Floor, Minerva complex,
S. D. Road, Secunderabad-500003 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number :

N12	HA 27	10	280
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b. Date of receipt : 20/09/2010

c. Date of acceptance : 03/06/2011

Crop (Taxonomical Lineage) : Sunflower (*Helianthus annuus* L.)

Denomination : KSF-270 A

Type of Variety : New

Classification of Variety : Typical

Previously proposed denomination : Not applicable

Name of Parental Material : Strain A (270 A) & Strain KSF-270

Name of Reference Varieties : 234A & 17A

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Plant: Time of 50 % flowering	Medium (KBSH-41)
Leaf: Serration	Medium (KBSH-42)
Plant : Height (cm)	Tall (KBSH-1)
Plant : Branching	Absent (Morden)
Seed coat: Stripes	Present (Surya)
B. Distinct Characteristics: KSF-270A has distinguishing characters like medium leaf blistering, many ray floret number,	

convex head shape of grain side and short seed length.

C. Reference varieties:

234A: It has distinguishing characters like strong leaf blistering, medium ray floret number, flat head shape of grain side and medium seed length.

17A: It has distinguishing characters absent leaf blistering, medium ray floret number, flat head shape of grain side and medium seed length.

D. Date of commercialization of the variety

Not commercialized

E. Photographs: (See figure 18)

19. Application No.

N14	HA 29	10	282
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 filed on **20/09/2010** by **Kaveri Seed Company Limited, 513-B, 5th Floor, Minerva complex, S. D. Road, Secunderabad-500003 (A.P.)** on behalf of -----NA-----for a **new plant variety** of crop **Sunflower (*Helianthus annuus* L.)** having denomination **KSF-279A**, 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 KSF-279A:

Applicant : Kaveri Seed Company Limited

Address of the Applicant : 513-B, 5th Floor, Minerva complex,
S. D. Road, Secunderabad-500003 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number	:	N14	HA 29	10	282
b. Date of receipt	:	20/09/2010			
c. Date of acceptance	:	03/06/2011			
Crop (Taxonomical Lineage)	:	Sunflower (<i>Helianthus annuus</i> L.)			
Denomination	:	KSF-279 A			
Type of Variety	:	New			
Classification of Variety	:	Typical			
Previously proposed denomination	:	Not applicable			
Name of Parental Material	:	Strain A (KSF-115) & Strain B (KSF-279)			
Name of Reference Varieties	:	234A & 17A			

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Plant: Time of 50 % flowering	Medium (KBSH-41)
Leaf: Serration	Coarse (CMS-17A)
Plant : Height (cm)	Medium (BSH 1)
Plant : Branching	Absent (Morden)
Seed coat: Stripes	Present (Surya)
B. Distinct Characteristics:	
KSF-279A has distinguishing characters like coarse leaf serration, yellow disc floret colour,	

absent disc floret anthocyanin pigmentation of stigma and convex head shape of grain side.

C. Reference varieties:

234A: It has distinguishing characters like fine leaf serration, purple disc floret colour, medium disc floret anthocyanin pigmentation of stigma and flat head shape of grain side.

17A: It has distinguishing characters like medium leaf serration, purple disc floret colour, strong disc floret anthocyanin pigmentation of stigma and flat head shape of grain side.

D. Date of commercialization of the variety

Not commercialized

E. Photographs: (See figure 19)

20. Application No.

N15	HA 30	10	283
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 filed on **20/09/2010** by **Kaveri Seed Company Limited, 513-B, 5th Floor, Minerva complex, S. D. Road, Secunderabad-500003 (A.P.)** on behalf of -----NA-----for a **new plant variety** of crop **Sunflower (*Helianthus annuus* L.)** having denomination **KSF-003R**, 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 KSF-003R:

Applicant : Kaveri Seed Company Limited

Address of the Applicant : 513-B, 5th Floor, Minerva complex,
S. D. Road, Secunderabad-500003 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number :

N15	HA 30	10	283
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b. Date of receipt : 20/09/2010

c. Date of acceptance : 03/06/2011

Crop (Taxonomical Lineage) : Sunflower (*Helianthus annuus* L.)

Denomination : KSF-003R

Type of Variety : New

Classification of Variety : Typical

Previously proposed denomination : Not applicable

Name of Parental Material : KSF-003R has been developed for base population

Name of Reference Varieties : RHA-271 & 6D-1

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Plant: Time of 50 % flowering	Early (Morden)
Leaf: Serration	Fine (CMS-234A)
Plant : Height (cm)	Medium (BSH 1)
Plant : Branching	Present (RHA 274)
Seed coat: Stripes	Absent (RHA 274)

B. Distinct Characteristics:

KSF-003R has distinguishing characters like early time of 50 % flowering, rounded bract shape and absence of seed coat stripes.

C. Reference varieties:

RHA-271: It has distinguishing characters like medium time of 50 % flowering, elongated bract shape presence of seed coat stripes,

6D-1: It has distinguishing characters like medium time of 50 % flowering, elongated bract shape and presence of seed coat stripes.

D. Date of commercialization of the variety

Not commercialized

E. Photographs: (See figure 20a and b)

21. Application No.

N17	HA 32	10	285
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 filed on 20/09/2010 by **Kaveri Seed Company Limited, 513-B, 5th Floor, Minerva complex, S. D. Road, Secunderabad-500003 (A.P.)** on behalf of -----NA-----for a **new plant variety** of crop **Sunflower (*Helianthus annuus* L.)** having denomination **KSF-119A**, 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 KSF-119A:

Applicant : Kaveri Seed Company Limited

Address of the Applicant : 513-B, 5th Floor, Minerva complex,
S. D. Road, Secunderabad-500003 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number :

N17	HA 32	10	285
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b. Date of receipt : 20/09/2010

c. Date of acceptance : 03/06/2011

Crop (Taxonomical Lineage) : Sunflower (*Helianthus annuus* L.)

Denomination : KSF-119A

Type of Variety : New

Classification of Variety : Typical

Previously proposed denomination : Not applicable

Name of Parental Material : Strain A (220A) X Strain KSF-119

Name of Reference Varieties : 234A & 17A

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Plant: Time of 50 % flowering	Early (Morden)
Leaf: Serration	Medium (KBSH-42)
Plant : Height (cm)	Medium (BSH 1)
Plant : Branching	Absent (Morden)
Seed coat: Stripes	Present (Surya)

B. Distinct Characteristics:

KSF-119A has distinguishing characters like many ray floret number, convex head shape of grain side and medium plant height.

C. Reference varieties:

234 A: It has distinguishing characters like medium ray floret number, flat head shape of grain side and short plant height.

17A: It has distinguishing characters like medium ray floret number, flat head shape of grain side and short plant height.

D. Date of commercialization of the variety

Not commercialized

E. Photographs: (See figure 21)

22. Application No.

N18	HA 33	10	286
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 filed on **21/09/2010** by **Kaveri Seed Company Limited, 513-B, 5th Floor, Minerva complex, S. D. Road, Secunderabad-500003 (A.P.)** on behalf of -----NA-----for a **new plant variety** of crop **Sunflower (*Helianthus annuus* L.)** having denomination **KSF-149A**, 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 KSF-149A:

Applicant

: Kaveri Seed Company Limited

Address of the Applicant : 513-B, 5th Floor, Minerva complex,
S. D. Road, Secunderabad-500003 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number :

N18	HA 33	10	286
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b. Date of receipt : 21/09/2010

c. Date of acceptance : 03/06/2011

Crop (Taxonomical Lineage) : Sunflower (*Helianthus annuus* L.)

Denomination : KSF-149A

Type of Variety : New

Classification of Variety : Typical

Previously proposed denomination : Not applicable

Name of Parental Material : Strain A (KSF 115) X Strain B (KSF-149)

Name of Reference Varieties : 234A & 17A

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Plant: Time of 50 % flowering	Medium (KBSH-1)
Leaf: Serration	Medium (KBSH-42)
Plant : Height (cm)	Medium (BSH 1)
Plant : Branching	Absent (Morden)

Seed coat: Stripes	Absent (RHA 274)
B. Distinct Characteristics: KSF-149A has distinguishing characters like medium leaf blistering, yellow disc floret colour, convex head shape of grain side and absence of seed coat stripes.	
C. Reference varieties: 234A: It has distinguishing characters like strong leaf blistering, purple disc floret colour, flat head shape of grain side and presence of seed coat stripes. 17A: It has distinguishing characters like absence of leaf blistering, purple disc floret colour, flat head shape of grain side and presence of seed coat stripes.	
D. Date of commercialization of the variety	Not commercialized

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

23. Application No.

N19	HA 34	10	287
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 filed on 21/09/2010 by **Kaveri Seed Company Limited, 513-B, 5th Floor, Minerva complex, S. D. Road, Secunderabad-500003 (A.P.)** on behalf of -----NA-----for a **new plant variety** of crop **Sunflower** (*Helianthus annuus* L.) having denomination **KSF-145A**, 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 KSF-145A:

Applicant : Kaveri Seed Company Limited

Address of the Applicant : 513-B, 5th Floor, Minerva complex,

S. D. Road, Secunderabad-500003 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number :

N19	HA 34	10	287
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b. Date of receipt : 21/09/2010

c. Date of acceptance : 03/06/2011

Crop (Taxonomical Lineage) : Sunflower (*Helianthus annuus* L.)

Denomination : KSF-145A

Type of Variety : New

Classification of Variety : Typical

Previously proposed denomination : Not applicable

Name of Parental Material : Strain A (KSF 115) X Strain B (KSF-145)

Name of Reference Varieties : 234A & 17A

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Plant: Time of 50 % flowering	Medium (KBSH-1)
Leaf: Serration	Fine (CMS-234A)
Plant : Height (cm)	Short (Morden)
Plant : Branching	Absent (Morden)
Seed coat: Stripes	Present (Surya)

B. Distinct Characteristics:

KSF-145A has distinguishing characters like medium leaf blistering, present leaf petiole anthocyanin pigmentation and convex head shape of grain side.

C. Reference varieties:

234A: It has distinguishing characters strong leaf blistering, absence of leaf petiole anthocyanin pigmentation and flat head shape of grain side.

17A: It has distinguishing characters like absent leaf blistering, absence of leaf petiole anthocyanin pigmentation and flat head shape of grain side.

D. Date of commercialization of the variety

Not commercialized

E. Photographs: (See figure 23)

24. Application No.

N20	HA 35	10	288
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 filed on **21/09/2010** by **Kaveri Seed Company Limited, 513-B, 5th Floor, Minerva complex, S. D. Road, Secunderabad-500003 (A.P.)** on behalf of -----NA-----for a **new plant variety** of crop **Sunflower (*Helianthus annuus* L.)** having denomination **KSF-141A**, 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 KSF-141A:

Applicant : Kaveri Seed Company Limited

Address of the Applicant : 513-B, 5th Floor, Minerva complex,
S. D. Road, Secunderabad-500003 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number :

N20	HA 35	10	288
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b. Date of receipt : 21/09/2010

c. Date of acceptance : 03/06/2011

Crop (Taxonomical Lineage) : Sunflower (*Helianthus annuus* L.)

Denomination : KSF-141A

Type of Variety : New

Classification of Variety : Typical

Previously proposed denomination : Not applicable

Name of Parental Material : Strain A (KSF 115) X Strain B (KSF-141)

Name of Reference Varieties : 234A & 17A

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Plant: Time of 50 % flowering	Medium (KBSH-1)
Leaf: Serration	Fine (CMS-234A)
Plant : Height (cm)	Medium (BSH 1)
Plant : Branching	Absent (Morden)
Seed coat: Stripes	Present (Surya)

B. Distinct Characteristics:

KSF-141A has distinguishing characters like rounded leaf shape, medium leaf blistering and yellow disc floret colour.

C. Reference varieties:

234A: It has distinguishing characters like triangular leaf shape, strong leaf blistering and purple disc floret colour.

17A: It has distinguishing characters like cordate leaf shape, absent leaf blistering and purple disc floret colour.

D. Date of commercialization of the variety

Not commercialized

E. Photographs: (See figure 24a and b)

25. Application No.

N22	HA 37	10	290
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 filed on **21/09/2010** by **Kaveri Seed Company Limited, 513-B, 5th Floor, Minerva complex, S. D. Road, Secunderabad-500003 (A.P.)** on behalf of -----NA-----for a **new plant variety** of crop **Sunflower (*Helianthus annuus* L.)** having denomination **KSFH-9004**, 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 KSFH-9004:

Applicant : Kaveri Seed Company Limited

Address of the Applicant : 513-B, 5th Floor, Minerva complex,
S. D. Road, Secunderabad-500003 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number :

N22	HA 37	10	290
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b. Date of receipt : 21/09/2010

c. Date of acceptance : 03/06/2011

Crop (Taxonomical Lineage) : Sunflower (*Helianthus annuus* L.)

Denomination : KSFH-9004

Type of Variety : New

Classification of Variety : Hybrid

Previously proposed denomination : Not applicable

Name of Parental Material : KSF-133A X KSF-097 R

Name of Reference Varieties : KBSH-1 & KBSH-44

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Plant: Time of 50 % flowering	Medium (KBSH-1)
Leaf: Serration	Coarse (CMS-17A)
Plant : Height (cm)	Tall (KBSH-1)
Plant : Branching	Absent (Morden)
Seed coat: Stripes	Present (Surya)

B. Distinct Characteristics:

KSFH-9004 has distinguishing characters like obtuse leaf angle of lateral veins and ovoid wide seed shape.

C. Reference varieties:

KBSH-1: It has distinguishing characters like acute leaf angle of lateral veins and ovoid elongated seed shape.

KBSH-44: It has distinguishing characters like acute leaf angle of lateral veins and ovoid elongated seed shape.

D. Date of commercialization of the variety

Not commercialized

E. Photographs: (See figure 25)

26. Application No.

N25	HA 40	10	293
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 filed on 21/09/2010 by **Kaveri Seed Company Limited, 513-B, 5th Floor, Minerva complex, S. D. Road, Secunderabad-500003 (A.P.)** on behalf of -----NA-----for a **new plant variety** of crop **Sunflower (*Helianthus annuus* L.)** having denomination **KSF-117A**, 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 KSF-117A:

Applicant : Kaveri Seed Company Limited

Address of the Applicant : 513-B, 5th Floor, Minerva complex,
S. D. Road, Secunderabad-500003 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number :

N25	HA 40	10	293
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b. Date of receipt : 21/09/2010

c. Date of acceptance : 03/06/2011

Crop (Taxonomical Lineage) : Sunflower (*Helianthus annuus* L.)

Denomination : KSF-117A

Type of Variety : New

Classification of Variety : Typical

Previously proposed denomination : Not applicable

Name of Parental Material : Strain A (220 A) X Strain KSF-117

Name of Reference Varieties : 234A & 17A

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Plant: Time of 50 % flowering	Early (Morden)
Leaf: Serration	Fine (CMS-234A)
Plant : Height (cm)	Short (Morden)
Plant : Branching	Absent (Morden)
Seed coat: Stripes	Present (Surya)

B. Distinct Characteristics:

KSFH-117A has distinguishing characters like few ray floret number, absent disc floret anthocyanin pigmentation of stigma, convex head shape of grain side and high seed weight (100 seeds weight in g).

C. Reference varieties:

234A: It has distinguishing characters like medium ray floret number, medium disc floret anthocyanin pigmentation of stigma, flat head shape of grain side and medium seed weight (100 seeds weight in g).

17A: It has distinguishing characters like medium ray floret number, strong disc floret anthocyanin pigmentation of stigma, flat head shape of grain side and medium seed weight (100 seeds weight in g).

D. Date of commercialization of the variety

Not commercialized

E. Photographs: (See figure 26)

27. Application No.

N27	HA 42	10	295
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 filed on **21/09/2010** by **Kaveri Seed Company Limited, 513-B, 5th Floor, Minerva complex, S. D. Road, Secunderabad-500003 (A.P.)** on behalf of -----NA-----for a **new plant variety** of crop **Sunflower (*Helianthus annuus* L.)** having denomination **KSF-116B**, 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 KSF-116B:**Applicant**

: Kaveri Seed Company Limited

Address of the Applicant : 513-B, 5th Floor, Minerva complex,
S. D. Road, Secunderabad-500003 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number :

N27	HA 42	10	295
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b. Date of receipt : 21/09/2010

c. Date of acceptance : 03/06/2011

Crop (Taxonomical Lineage) : Sunflower (*Helianthus annuus* L.)

Denomination : KSF-116B

Type of Variety : New

Classification of Variety : Typical

Previously proposed denomination : Not applicable

Name of Parental Material : Strain 116A X Strain KSF-Maintainer

Name of Reference Varieties : 234B & 17B

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Plant: Time of 50 % flowering	Medium (KBSH-1)
Leaf: Serration	Medium (KBSH-42)
Plant : Height (cm)	Medium (BSH 1)
Plant : Branching	Absent (Morden)

Seed coat: Stripes	Present (Surya)
B. Distinct Characteristics: KSFH-116B has distinguishing characters like rounded leaf shape, convex head shape of grain side and medium seed oil content (%).	
C. Reference varieties: 234B: It has distinguishing characters like triangular leaf shape, flat head shape of grain side and high seed oil content (%). 17B: It has distinguishing characters like cordate leaf shape, flat head shape of grain side and low seed oil content (%).	
D. Date of commercialization of the variety	Not commercialized

E. Photographs: (See figure 27)

28. Application No.

N28	HA 43	10	296
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 filed on **21/09/2010** by **Kaveri Seed Company Limited, 513-B, 5th Floor, Minerva complex, S. D. Road, Secunderabad-500003 (A.P.)** on behalf of -----NA-----for a **new plant variety** of crop **Sunflower (*Helianthus annuus* L.)** having denomination **KSF-260A**, 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 KSF-260A:

Applicant : Kaveri Seed Company Limited

Address of the Applicant : 513-B, 5th Floor, Minerva complex,
S. D. Road, Secunderabad-500003 (A.P.)

Nationality of Applicant : Indian

Application details

a. Number :

N28	HA 43	10	296
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b. Date of receipt : 21/09/2010

c. Date of acceptance : 03/06/2011

Crop (Taxonomical Lineage) : Sunflower (*Helianthus annuus* L.)

Denomination : KSF-260A

Type of Variety : New

Classification of Variety : Typical

Previously proposed denomination : Not applicable

Name of Parental Material : Strain A (KSF 115) X Strain B (KSF-260)

Name of Reference Varieties : 234A & 17A

Variety Description:

A. Group Characteristics	Remarks, measured values, example varieties, etc.
Plant: Time of 50 % flowering	Early (Morden)
Leaf: Serration	Medium (KBSH-42)
Plant : Height (cm)	Short (Morden)
Plant : Branching	Absent (Morden)

Seed coat: Stripes	Present (Surya)
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B. Distinct Characteristics:
KSFH-260A has distinguishing characters like medium leaf blistering, presence of leaf petiole anthocyanin pigmentation, turned down head attitude and convex head shape of grain side.

C. Reference varieties:
234A: It has distinguishing characters like strong leaf blistering, absence of leaf petiole anthocyanin pigmentation, half turned down head attitude and flat head shaper of grain side.
17A: It has distinguishing characters like absence of leaf blistering, absence of leaf petiole anthocyanin pigmentation, vertical head attitude and flat head shape of grain side.

D. Date of commercialization of the variety	Not commercialized
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E. Photographs: (See figure 28)

भारतीय पौधा किस्म जर्नल खंड 05, अंक . 09, 01 सितम्बर 2011 में
अधिसूचित प्रत्याशी किस्मों के चित्र

Photograph of candidate varieties notified in Plant Variety Journal of
India, Vol. 5, No.- 09, September 01, 2011

चित्र 01:

Figure 01: Sorghum: KSMS 263



चित्र 01:

Figure 01: View of panicle density, shape and neck of panicle

चित्र 02:

Figure 02: Sorghum: KSR 6194



चित्र 02:

Figure 02: View of panicle density, shape and neck of panicle

चित्र 03:

Figure 03: Sunflower: SYN-SF-ARMONI



चित्र 03:

Figure 03a: General view of the crop



चित्र 03:

Figure 03b: General view of head

चित्र 04:

Figure 04: Sunflower: SYN-SF-275PR



चित्र 04:

Figure 04a: General view of the crop



चित्र 04:

Figure 04b: General view of head

चित्र 05:

Figure 05: Sunflower: VSFH-2006 (FAME)



चित्र 05:

Figure 05a: View of leaf shape, colour, serration and angle of lateral veins



चित्र 05:

Figure 05b: View of head shape of grain side



चित्र 05:

Figure 05c: View of seed shape

चित्र 06:

Figure 06: Sunflower: VSFH-1003 (GLEN)



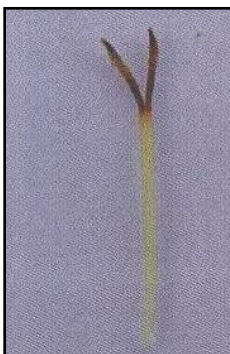
चित्र 06:

Figure 06a: View of seedling anthocyanin pigmentation



चित्र 06:

Figure 06b: View of leaf shape, colour, serration and angle of lateral veins



चित्र 06:

Figure 06c: View of disc floret anthocyanin pigmentation of stigma



चित्र 06:

Figure 06d: View of seed shape

चित्र 07:

Figure 07: Sunflower: VSFH-1006 (CLARA)



चित्र 07:

Figure 07a: View of leaf shape, colour, serration and angle of lateral veins



चित्र 07:

Figure 07b: View of leaf for orientation of blade



चित्र 07:

Figure 07d: View of seed shape

चित्र 08:

Figure 08: Sunflower: VSFH-1006 (CLEO) proceedings



चित्र 08:

Figure 08a: View of leaf serration and angle of lateral veins



चित्र 08:

Figure 08b: View of head shape of grain side



चित्र 08:

Figure 08c: View of seed shape

चित्र 09:

Figure 09: Tetraploid cotton: GNLC-1



चित्र 09:

Figure 09a: General view of flower



चित्र 09:

Figure 09b: View of boll at opening stage



चित्र 09:

Figure 09c: View of open boll

चित्र 10:

Figure 10: Sunflower: SYN-SF-207



चित्र 10:

Figure 10a: General view of the crop



चित्र 10:

Figure 10b: General view of head

चित्र 11:

Figure 11: Maize: KML 5164



चित्र 11:

Figure 11a: General view of tassel



चित्र 11:

Figure 11b: View of ear shape and color of top of grain

चित्र 12:

Figure 12: Maize: KML 5263



चित्र 12:

Figure 12a: General view of tassel



चित्र 12:

Figure 12b: View of silk anthocyanin colouration



चित्र 12:

Figure 12c: View of ear for shape and color

चित्र 13:

Figure 13: Maize: KML 5015



चित्र 13:

Figure 13a: View of tassel anthocyanin colouration of anthers



चित्र 13:

Figure 13b: View of silk anthocyanin colouration



चित्र 13:

Figure 13c: View of ear shape

चित्र 14:

Figure 14: Sunflower: KSFH-678



चित्र 14:

Figure 14a: View of leaf shape, serration and angle of lateral veins



चित्र 14:

Figure 14b: View of seed shape and stripes

चित्र 15:

Figure 15: Sunflower: KSFH-7049



चित्र 15:

Figure 15a: View of leaf shape, serration and angle of lateral veins



चित्र 15:

Figure 15b: View of seed shape and stripes

चित्र 16:

Figure 16: Indian mustard: 45S45



चित्र 16:

Figure 16a: View of leaf for number of lobes



चित्र 16:

Figure 16b: General view of flowers

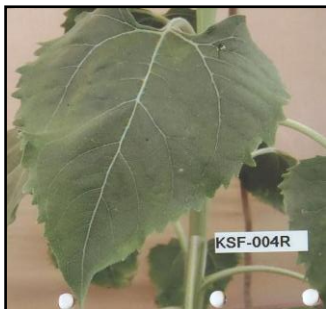


चित्र 16:

Figure 16c: View of siliqua beak

चित्र 17:

Figure 17: Sunflower: KSF-004R



चित्र 17:

Figure 17a: View of leaf shape, angle of lateral veins and orientation of blade



चित्र 17:

Figure 17b: View of head diameter and plant type of branching

चित्र 18:

Figure 18: Sunflower: KSF-270A



चित्र 18:

Figure 18: View of leaf blistering, leaf serration, orientation of blade, ray floret number and shape

चित्र 19:

Figure 19: Sunflower: KSF-279A



चित्र 19:

Figure 19: View of leaf serration, angle of lateral veins, orientation of blade, and head attitude

चित्र 20:

Figure 20: Sunflower: KSF-003R



चित्र 20:

Figure 20a: View of leaf blistering, leaf serration, orientation of blade, petiole and stem anthocyanin pigmentation



चित्र 20:

Figure 20b: View of head shape and plant type of branching

चित्र 21:

Figure 21: Sunflower: KSF-119A



चित्र 21:

Figure 21: View of leaf shape, angle of lateral veins, orientation of blade, head attitude and shape

चित्र 22:

Figure 22: Sunflower: KSF-149A



चित्र 22:

Figure 22a: View of leaf blistering, angle of lateral veins and orientation of blade



चित्र 22:

Figure 22b: View of disc floret colour and head attitude

चित्र 23:

Figure 23: Sunflower: KSF-145A



चित्र 23:

Figure 23: View of leaf blistering, leaf serration and angle of lateral viens

चित्र 24:

Figure 24: Sunflower: KSF-141A



चित्र 24:

Figure 24a: View of leaf shape and blistering



चित्र 24:

Figure 24b: View of disc floret colour and head attitude

चित्र 25:

Figure 25: Sunflower: KSFH-9004



चित्र 25:

Figure 25: View of leaf shape, leaf serration, leaf orientation and head attitude

चित्र 26:

Figure 26: Sunflower: KSF-117A

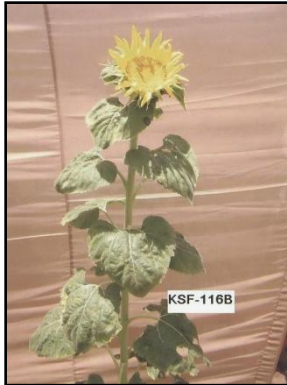


चित्र 26:

Figure 26: View of leaf shape, leaf serration, leaf blistering, number of ray florets and head shape

चित्र 27:

Figure 27: Sunflower: KSF-116B



चित्र 27:

Figure 27: View of leaf shape, leaf blistering, leaf angle of lateral veins, ray florets and head attitude

चित्र 28:

Figure 28: Sunflower: KSF-260A



चित्र 28:

Figure 28: View of leaf shape, leaf angle of lateral veins, ray floret shape and colour, head attitude and shape