



आचार्य नरेन्द्र देव कृषि एवं प्रौद्योगिक विश्वविद्यालय, कुमारगंज,
अयोध्या-224 229 (उ०प्र०), भारत

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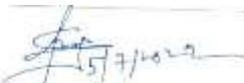


Varieties released/developed

2017-18 to 2021-22

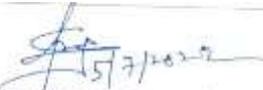
Year 2017 - 18

Characteristics	Crop
<p>IR 64 sub 1: Suitable for complete submergence up to 14 days, maturity 120-125 days, yield 35-40 q/ha</p>	
<p>Jute (NDJC-2011) : Plant Height - 4.25 - 4.50 m, Fibre Yield 33-35 q/ha</p>	
<p>Narendra haldi-98: Av. Yield 32.58t/ha, high dry recovery (20.59%), curcumin (5.2%), essential oil (7.0%) and oleoresin content (12.97%). This variety has showed resistance against major foliar diseases</p>	


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 Ayodhya

Year 2018 - 19

<p>1. Linseed (NDL-2011-31): Rain-fed, duration 120-125 days, yield 12-14 q/ha, oil content 37-39%, resistant to lodging & shattering as well as wilt rust and powdery mildew.</p>	
<p>2. Oat (NDO-1101): Plant height 130-145 cm, duration 130-140 days, yield 18.5-23.5 q/ha resistant to lodging & shattering, recommended for normal as well as salt –affected soils of U.P.</p>	
<p>3. Jute (NDJC-2013): Plant height 4.00 – 4.25 m., duration 160-170 days, resistant to lodging and water logging, tolerant to drought, recommended for upland and lowlands of eastern U.P.</p>	
<p>4. Narendra Alsi-5:</p> <ol style="list-style-type: none">1. It has been identified by Central Varietal Identification Committee which is suitable for moisture stress condition of utera.2. Yield 6-8 q/ha, oil content 37% & maturity : 115-120 days	


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Crop Varieties Notified

Year 2019 - 20

IR 64 -Sub 1:

1. This variety has yield potential of 4.56 t/ha and its maturity duration is 110-115 days.
2. This variety has high submergence tolerance under flash flood and lowland conditions.
3. IR 64 -Sub 1 has good milling (69.3 %), head rice recovery (61.6%), GC % (50.5) and L/B ratio (3.22 mm).
4. It possesses intermediate grain amylose content (24.34%) along with good cooking quality.
5. It possesses high degree of tolerance to BLB, sheath blight, leaf blast, brown spot, rice tungro, GLH, case worm, WBPH, plant hopper, gall midge (GMB 1) and stem borer in field condition.



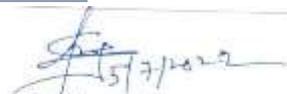
IR 64-Sub 1

NDR 9930111 :

1. A semi tall, submergence tolerance, long duration 145 days, high yielding variety (5.5t/ha), short bold grain (SB) type.
2. NDR 9930111 performed exceedingly well under different dose of nitrogen. NDR 9930111 indicated good responsiveness to nitrogen levels.
3. NDR 9930111 has good milling (68 %), head rice recovery (57%), GC % (50) and L/B ratio (2.23 mm).
4. It possesses intermediate grain amylose content (23.56%) along with good cooking quality.
5. It possesses tolerance to Leaf Blight, Sheath Blight, Sheath rot, BLB, RTV, BPH, WBPH, GLH, Gall Midge, Blue Beetle, Leaf folder, Case Worm and stem borer in field condition.



NDR 9930111


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Year 2020 - 21

NDR-702

Ecology

Deep water ecology of Uttar Pradesh (70-120 cm water depth)

Characteristics

- Long bold red kernel grain
- Flowering duration 115 days
- Moderate tillering
- Good elongation
- Kneeing ability with submergence tolerance
- Average grain yield 35-40 q/ha
- Quality-wise: 67.9% (HRR), amylose content (23.4%), hulling recovery (79.8%) and milling recovery (70.5%)
- Moderately resistance to Neck Blast and Stem Borer



Standing crop in deep water

NW-6046

- For Rain-fed
- Average Yield: 21-25 q/ha.
- Duration: 125-127 days
- Plant Height: 95-97 cm.
- Resistance to Rust & leaf blight diseases.

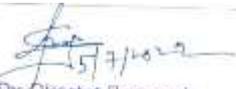



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Narendra Chana-1

- Desi bold seeded type (25.9g/100 seed) variety fortimely sown condition.
- Duration:-135 -14 days.
- Yield -25-30q/ ha.
- Multiple resistant to dry root rot and Aschochyta blight.
- Moderately resistant against topod borer.

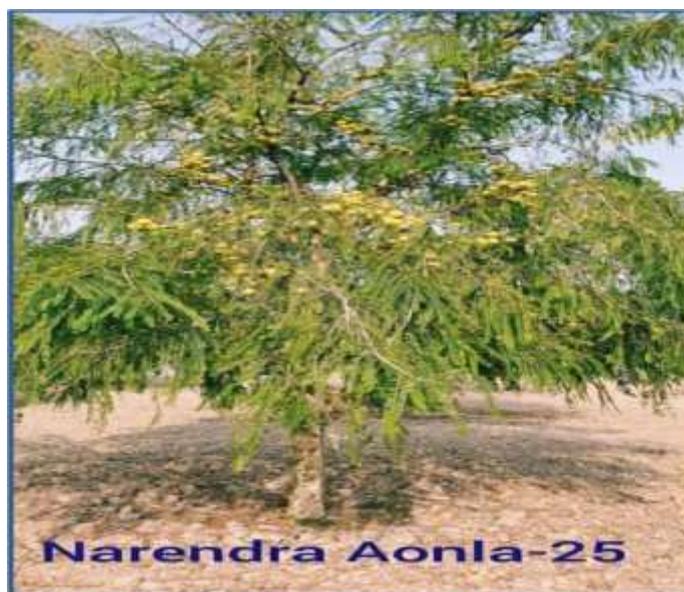



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Year 2021 - 22

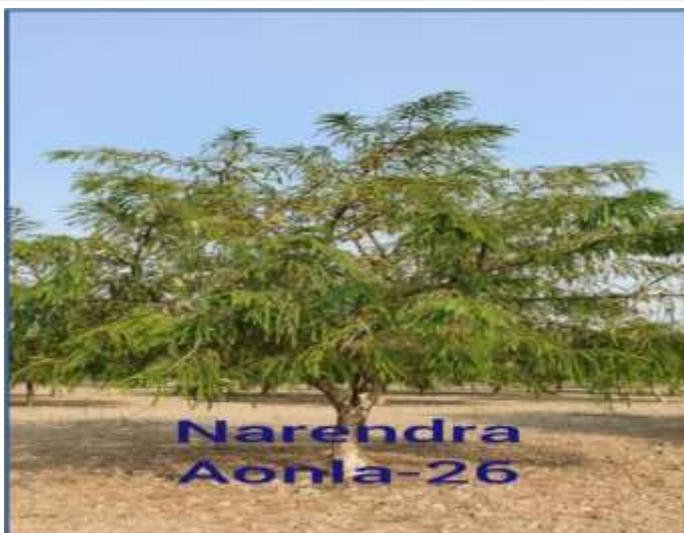
Narendra Aonla-25

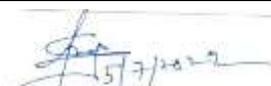
1. Early flowering (starts from last week of February)
2. Start bearing in 4th year
3. Early ripening (November) and earliest among the released varieties.
4. Fruit shape- Flattened round.
5. Average yield 34.73 kg/plant, fruit weight 52.76g , fruit size 4.18 cm x 4.41 cm, stone shape-round and size- small, total number of seed 06, segments-6, TSS pulp 11.50⁰Brix, acidity (0.89%) and vitamin C-545.93 mg / 100 g pulp.



Narendra Aonla-26

1. Early flowering (starts from last week of February)
2. Full ripening in the month of December.
3. Attractive bright green yellow colour of fruits with smooth thin skin of complete ripened fruits.
4. Fruit shape- Flattened round.
5. Average yield/plant is 55.56 kg, fruit weight 45.68g , fruit size 3.93 cm x 4.15 cm, total number of seed 06, segments-6, TSS pulp 10.85⁰ Brix, acidity (1.10%) and vitamin C 483.68 mg / 100 g pulp.



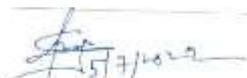

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Narendra Bael-10

1. Early ripening (March) and earliest among the released varieties.
2. Compact foliage, less fruit sunscald and very less thorns under subtropical-arid environment and starts bearing in 4th year.
3. Drought tolerant, luxuriant growth and higher fruit yield under less precipitation and high temperature.
4. Attractive light yellow colour of pulp of complete ripened fruit.
5. It is highly suitable for powder and RTS owing to attractive pulp colour and fibre content.



Fig. Ripened fruit of ND/AH-10


15/7/2022
Dy. Director Research
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Narendra Kamna (NDBG-16)

A bottle gourd variety identified for release in Zone I (J&K and Uttarkhand) and VIII (Karnataka, TN and Kerala) during 38th group meet of AICRP held of 25-27 Oct.,2020. This is long fruit type variety with yield potential of upto 542.2 q/ha at IIVR Varanasi and national average yield of 270.83 q/ha and 340.82q/ha in Zone IV (Punjab, UP and Bihar). Suitable for cultivation in *Zaid* and *Kharif* seasons. Dr. Gulab Chand Yadav, Associate Professor, Department of Vegetable Science has developed this variety.



Fig- NarendraKamna (NDBG-16)

Narendra Suyog (NDB white-1)

Season-*Kharif* and *Rabi*

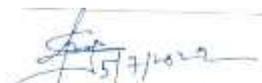
Recommended for Zone- Zone-III (Barapani, Port Blair and Nagaland) and IV (Punjab, UP, Bihar and Jharkhand)

Features- Medium Long fruit shape

Average Yield-380

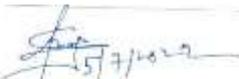
Potential Yield-548 q/ha




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Narendra Suyog (NDB White-1) codes as **2017/BRLVAR-7** in AICRP (VC) trials is recommended as a high yielding small long fruit type white brinjal variety for release in Zone-III (Barapani, Port Blair and Nagaland) and IV (Punjab, UP, Bihar and Jharkhand) and identified during 39th Group Meeting AICRP (VC) held at IIVR, Varanasi through online platform on 7-9th September, 2021. Suitable for cultivation in *Kharif*, *Rabi* and *Zaid* seasons. Foliage is green, erect branching habit. Fruits are cluster bearing with glossy white and green calyx without spine, long (14.80 cm) with a fruit girth of 5.96 cm. Average fruit weight ranges from 96.67g. Fruits are ready for harvest after 60 days from the date of sowing. This is small long fruit type variety with yield potential of **up** to 548.00 q/ha at ANDUAT, Ayodhya and national average yield of 380 q/ha. Suitable for growing as ratoon crop. Tolerant to alkaline soil and shady condition. It is resistant to brinjal fruit and shoot borer. Its require NPK dose @ 100:50:50 kg/ha + 250q FYM/ha.

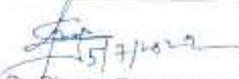



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Varieties Identified for Release

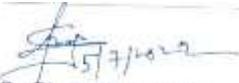
NDR- 9730018

Crop:	Paddy	
Rice	NDR 9730018 (IET 17294) IR 67469-1-2-M-1-1-1 (IR 53519-26-4-2-1-3/PSBRC 60) Narendra Pani Dhan	
Release	SVRC	
Ecosystem	Flash flood late shallow low land	
Characteristics:	Crop : NDR-9730018	
<ol style="list-style-type: none"> 1. A semi tall, submergence tolerance, long duration 145 days, high yielding variety (5.6 t/ha), long slender grain (LS) type. 2. NDR 9730018 performed exceedingly well under different dose of nitrogen. NDR 9730018 indicated good responsiveness to nitrogen levels. 3. The rice variety NDR 9730018 has exhibited fare degree of tolerant to major diseases and insect pests. Disease - Leaf Blast, BLB, ShB, ShR and Rice tungro Insect/pest - BPH, WBPH, Whorl maggot, GLH, Gall midge and Stem borer 4. The variety NDR 9730018 posses long slender grain type with good cooking qualities, milling (80%) and head rice recovery (66%) with amylose content of about 24.03%. It cooks better as its gel consistency is soft (53.3 mm) with moderate alkali spreading value of 4.0 		


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NDR 8418-3

Crop:	Paddy
Rice	NDR 8418-3 Kalanamak / Swarna
Release	SVRC
Ecosystem	Late aromatic short grain (Kalanamak Type)
Characteristics:	Crop : NDR 8418-3 Kalanamak / Swarna
<ol style="list-style-type: none">1. A semi tall, submergence tolerance, long duration 145 days, high yielding aromatic short grain variety (4.3 t/ha), short bold grain (SB) type.2. NDR 8418-3 performed exceedingly well under different dose of nitrogen. NDR 8418-3 indicated good responsiveness to nitrogen levels.3. The rice variety NDR 8418-3 has exhibited fare degree of tolerant to major diseases and insect pests. Disease - BLB, ShB, ShR and Rice tungro Insect/pest - BPH, WBPH, Whorl maggot, GLH, and Gall midge4. The variety NDR 8418-3 posses long slender grain type with good cooking qualities, milling (80%) and head rice recovery (66%), good aroma.	


15/7/2022
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