

AGRICULTURE

BLACK GRAM



BLACK GRAM: T-9

Category: Black Gram - Notified



BLACK GRAM: IPU 2-43

Category: Black Gram - Notified



BLACK GRAM: PU-36

Category: Black Gram - Notified



BLACK GRAM: JU-3

Category: Black Gram - Notified

GREEN GRAM



GREEN GRAM: SHIKHA(IPM-410- 3)

Category: Green Gram - Notified



GREEN GRAM: PDM -139

Category: Green Gram - Notified



JUTE



JUTE: JRC 212

Category: Jute - Corchorus capsularis (JRC 212) Sabuj Sona

Sowing Season: March to Mid April

Advantage: Pods non-shattering type, suitable for mid-March to mid-April sowing.



JUTE: JRO 524 NAVIN

Category: jute -Corchorus olitorius(JRO 524) Navin

Sowing Season: Middle of March

Advantage: Pods non-shattering, sowing during the middle of March does not induce premature flowering. It is least susceptible to yellow mite pest and is resistant to root rot diseases in high rainfall areas. It rets better than other olitorius varieties and extraction is easy.



JUTE: JBO 204

Category: Jute - Notified - JBO 204

Sowing Season:

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



LENTIL



LENTIL: PUSA AGETI (L-4717)

Category: Lentil - Notified



LENTIL: KLS 9-3

Category: Lentil - Notified



LENTIL: MOITREE(WBL 77)

Category: Lentil - Notified



MAIZE



MAIZE: HYBRID VICTOR

Category: Maize, Hybrid, VICTOR

Sowing Season: For Rabi and Spring

Duration(Days): 145 - 155

Plant Height: Medium (strong root, Lodging tolerance)

Grain Type: Semi Flint, Bold type

Advantage: Bigger and uniform-sized cobs.



MAIZE: BD 8055

Category: Maize Hybrid BD 8055

Sowing Season: For early Rabi season only

Duration(Days): 130 - 140

Plant Height: Medium

Grain Type: Semi Flint

Disease/Pest Tolerancy: Tolerant to leaf blight and downy mildew

Advantage: Uniform shelling and High Yielding.



MAIZE: BD 8081

Category: Maize Hybrid BD 8081

Sowing Season: For early Rabi season only

Duration(Days): 130 - 140

Plant Height: Medium

Grain Type: Semi Flint

Disease/Pest Tolerancy: Tolerant to micronutrient deficiency

Advantage: Robust and Uniform, shelling 78-82%.



MAIZE: DMRH 1301

Category: Maize Hybrid

Sowing Season: For early and late Rabi season only

Duration(Days): 125 - 140

Plant Height: Medium

Grain Type: Semi Flint

Disease/Pest Tolerancy: Tolerant

Advantage: Early than P3355, Responsive to high inputs.



MAIZE: BD M GOLD

Category: Maize Hybrid BD M Gold

Sowing Season: Rabi and Kharif

Duration(Days): 110 to 115 days (Kharif/Pre-Kharif)

120 to 130 days (Rabi)

Plant Height: 220 - 240 cm

Grain Type: Semident

Average Yield: 30 -35 Q/Acre



MUSTARD



KANCHAN

Grain Type: Bold, lustrous grain.

Plant Height: 135-145 cm

Duration: 110-115 days

Average Yield: 10 Q/Acre

Oil Content: > 46%

Special Feature: Fetches better price at the market yard compared to other improved varieties.



SHYAMU

Grain Type: Bold, lustrous grain.

Plant Height:

Duration: 125-130 days

Average Yield: 11/12 Q/Acre

Oil Content: 45%

Special Feature: Fetches better price at the market yard compared to other improved varieties.



MUSTARD: KRANTI

Category: Mustard - Improved

Sowing Season:

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



MUSTARD: YELLOW(B-9)

Category: Mustard - Improved

Sowing Season: Rabi

Duration(Days): 90-95

Grain Type: Bold

Disease/ Pest Tolerance:
Tolerance to Aphids

Advantage: High yielding
variety(13-15 quintal/ha)



MUSTARD: YELLOW(YSH-401)

Category: Mustard - Improved

Sowing Season:

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



MUSTARD: PITAMBARI

Category: Mustard - Improved - Pitambari

Sowing Season: Rabi

Duration(Days): 120 - 130

Grain Type: Bold

Disease/ Pest Tolerance:
Tolerance to Aphids

Advantage: High yielding
variety(19-21 quintal/ha)



MUSTARD: ASTHA FAST

Category: Mustard - Improved - Astha Fast

Sowing Season: Rabi

Duration(Days): 80 -85

Plant Height: Medium

Grain Type: Dark Brown

Disease/Pest Tolerance: NA

Advantage: Before Rabi paddy
ideal variety in short duration.



MUSTARD: KALI

Category: Mustard - Improved

Sowing Season: Rabi

Duration(Days): 110 - 120

Grain Type: Bold

Disease/ Pest Tolerance:
Tolerance to Aphids

Advantage: High yielding
variety(17-20quintal/ha)



PADDY

PADDY - HYBRID



BD 238 GOLD

Category: Paddy – Hybrid – BD 238 GOLD

Sowing Season: Boro season

Duration(Days): 130 – 135

Plant Height(cm): 105 – 110

Grain Type: Medium Bold

Disease/ Pest Tolerance:
Tolerant to blast and BLB

Advantage: Suitable for common white rice of Southern and Eastern India



BD 238 GOLD PLAIN

Category: Hybrid Paddy BD 238 GOLD

Sowing Season: Boro season

Duration(Days): 130 - 135

Plant Height(cm): 105 - 110

Grain Type: Medium Bold

Disease/ Pest Tolerance: NA

Advantage: Suitable for common white rice of Southern and Eastern India



PADDY: AMOLA-068

Category: Paddy - Hybrid - Amola 068

Duration(Days): 115-120

Plant Height: Semi Dwarf

Grain Type: Medium Slender

Disease/Pest Tolerance:
Tolerant to blast and BLB

Preferred Land Type: Medium to Low

Avg Yield: 20 - 22 Q/Acre



PADDY: NANDITA-044

Category: Paddy - Hybrid - Nandita-044

Sowing Season: Kharif Season

Duration(Days): 130 - 140

Plant Height: Medium

Grain Type: Medium Bold

Disease/Pest Tolerancy: Tolerant to blast and BLB

Advantage: High yield midiu slender

PADDY - IMPROVED



PADDY: ROJANA

Category: Paddy - Improved
 Sowing Season: Kharif only
 Duration(Days): 115 - 120
 Soil Type: Medium to Low
 Grain Type: Medium Bold
 Avg Yield: 18 - 22 Q/Acre



PADDY: BD-29 FINE

Category: Paddy - Improved
 Sowing Season: Rabi
 Duration(Days): 148 - 152
 Plant Height(cm): 93 - 98
 Grain Type: Medium Slender
 Disease/Pest Tolerance: Tolerant to BLB, resistant to neck blast
 Advantage: Compact, high tillering(22), high yielding with sweet taste



PADDY: BD-28 SUPER

Category: Paddy - Improved
 Sowing Season: Boro only
 Duration(Days): 130 - 135
 Plant Height(cm): 95 - 100
 Grain Type: Medium Slender
 Disease/Pest Tolerancy: Tolerant to BLB
 Advantage: Compact, high tillering(16), fine, tasty rice



PADDY: TULSHIBHOG

Category: Paddy - Improved - Tulshibhog
 Sowing Season: Kharif Crop
 Duration(Days): 150-155
 Plant Height: Tall
 Grain Type: Aromatic Fine (Black Husk)
 Disease/Pest Tolerance: Blast Tolerance
 Advantage: High Yielding Potential with Aroma



PADDY: SUPER SILK

Category: Paddy - Improved
 Sowing Season: Kharif only
 Duration(Days): 115 - 120
 Soil Type: Medium to Low
 Grain Type: Medium Bold



RED SHIVA

Category: Paddy - Improved - Red Shiva
 Sowing Season:
 Duration(Days):
 Plant Height:
 Grain Type:

Avg Yield: 18 - 22 Q/Acre

Disease/Pest Tolerancy:

Advantage:



PADDY: BD 255

Category: Paddy - Improved - BD255

Sowing Season: Boro and Kharif Crop

Duration(Days): 135 - 140

Plant Height: 96-100 cm

Grain Type: Medium Slender

Disease/Pest Tolerancy:
Resistant to BLB & Neck blast

Advantage: High Yielding & fine rice



PADDY: NILANJANA

Category: Paddy - Improved

Sowing Season: Kharif only

Duration(Days): 135 - 140

Plant Height(cm): 115 - 120

Grain Type: Medium Bold

Disease/Pest Tolerancy:
Resistant to all strains of blight

Advantage: High yielding & medium land persistent variety



PADDY: RED ASTHA

Category: Paddy - Improved

Sowing Season: Boro & Kharif

Duration(Days): 110 - 115 (Boro) & 100 - 105 (Kharif)

Plant Height(cm): 110 - 115

Grain Type: Long Slender

Disease/Pest Tolerance:
Tolerance to Stem Borer and Leaf folder. Resistance to grain discoloration and sheath rot.

Advantage: High-yielding variety



PADDY: RED MASURI

Category: Paddy - Improved

Sowing Season: Kharif only

Duration(Days): 135 - 140

Plant Height(cm): 120 - 125

Grain Type: Long Slender

Disease/Pest Tolerancy:
Tolerance to Stem Borer and Leaf folder

Advantage: High tillering and quality full rice variety



PADDY: SAMPAT

Category - Paddy - Improved - Sampat

Sowing Season: Kharif & Rabi

Duration(Days): 130 - 135 (Kharif) & 140 - 145 (Rabi)

Plant Height: Semi Dwarf

Grain Type: Medium Super Fine

Advantage: High Yielding with excellent Rice quality



PADDY: BD 29

Category: Paddy - Improved

Sowing Season: Boro & Kharif

Duration(Days): 145 - 150

Plant Height(cm): 93 - 98

Grain Type: Medium Slender

Disease/Pest Tolerance:
Tolerant to BLB, resistant to neck blast

Avg Yield: 21-23 Q/Acre

Advantage: Compact, high tillering(22), high yielding with sweet taste



PADDY: DAMODAR

Category: Paddy - Improved - Damodar

Sowing Season: Kharif

Duration(Days): 145 -150

Plant Height: Long 125 cm

Grain Type: Medium Bold

Soil Type - Low Land only

Advantage: High Yielding (20-22 Q/Acre)



PADDY: GOUTAM

Category: Paddy - Improved - Goutam

Sowing Season:

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



PADDY: GUTI SWARNA

Category: Maize - Improved

Sowing Season: Kharif only

Duration(Days): 140 - 145

Plant Height(cm): 120 - 125

Grain Type: Medium Bold

Disease/Pest Tolerancy: Sheath Blight & Blast Resistant

Advantage: High yielding variety



PADDY: HYRIZE HIRA 2

Category: Paddy - Improved

Sowing Season: Boro & Kharif

Duration(Days): 130 - 135

Plant Height(cm): 105 - 110

Grain Type: Long Bold

Disease/Pest Tolerancy: Resistant to BLB & Neck blast

Advantage: High produced variety



PADDY: MADHU

Category: Paddy - Improved - Madhu

Sowing Season:

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



PADDY: BB 11

Category: Paddy - Improved

Sowing Season: Kharif only

Duration(Days): 140 - 145

Plant Height(cm): 110 - 115

Grain Type: Medium Bold

Disease/Pest Tolerancy: Sheath Blight & Blast Resistant

Advantage: High tillering and high yielding & suitable for medium land



PADDY: BD 201

Category: Paddy - Improved

Sowing Season: Boro only

Duration(Days): 125 - 130

Plant Height(cm): 100 - 105

Grain Type: Long Slender

Disease/Pest Tolerancy: Resistant to BLB & Neck blast

Advantage: High yielding & sweet taste with light aroma



PADDY: BD 264

Category: Paddy - Improved

Sowing Season: Boro & Kharif

Duration(Days): 140 - 145

Plant Height(cm): 98 - 110

Grain Type: Long Bold

Disease/Pest Tolerancy: BLB and Neck Blast Resistant

Advantage: High tillering and high yielding varieties



PADDY: BD-28

Category: Paddy - Improved

Sowing Season: Boro only

Duration(Days): 125 - 130

Plant Height(cm): 95 - 100

Grain Type: Medium Slender

Disease/Pest Tolerancy: Tolerant to BLB

Advantage: Compact, high tillering(16), fine, tasty rice



PADDY: ANAND

Category: Paddy - Improved

Sowing Season:

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



PADDY: ASTHA 10

Category: Paddy - Hybrid

Duration(Days): 110 - 115

Grain Type: Medium Bold



PADDY: ASTHA 1509

Name: Astha 1509

Sowing Season:

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



PADDY: ASTHA EARLY

Category: Maize Hybrid
 Sowing Season: Rabi
 Duration(Days): 85 - 90
 Plant Height: Medium
 Grain Type: Semi Bold
 Disease/Pest Tolerancy: Tolerant to Aphids
 Advantage: High Yielding variety(12-14 quintal/ha)



PADDY: ASTHA GOLD

Category: Paddy - Improved
 Sowing Season:
 Duration(Days):
 Plant Height:
 Grain Type:
 Disease/Pest Tolerancy:
 Advantage:



PADDY: BANGALAXMI I

Category: Paddy - Improved
 Sowing Season: Kharif only
 Duration(Days): 135 - 140
 Plant Height(cm): 108-112
 Grain Type: Medium Bold
 Disease/Pest Tolerancy: Tolerant to Stem Borer and Leaf folder & Other diseases
 Advantage: High Tillering and disease & pest-resistant variety



PADDY: BANGALAXMI II

Category: Paddy - Improved
 Sowing Season: Kharif only
 Duration(Days): 140 - 145
 Plant Height(cm): 115 - 120
 Grain Type: Medium Bold
 Disease/Pest Tolerancy: Tolerant to Stem Borer and Leaf folder
 Advantage: Suitable for medium land and & high yielding

PADDY - NOTIFIED



PADDY: BAISHMUTHI

Category: Paddy - OP
 Sowing Season: Kharif only
 Duration(Days): 140 - 150
 Soil Type: Medium to Low
 Grain Type: Medium Bold
 Avg Yield: 25 - 30 Q/Acre



PADDY: GB-1

Category: Paddy - OP
 Sowing Season: Kharif only
 Duration(Days): 105 - 110
 Soil Type: Medium to Low
 Grain Type: Medium Bold
 Avg Yield: 18 - 22 Q/Acre



PADDY: SERA BAHADUR

Category: Paddy - Notified
 Sowing Season: Kharif only
 Duration(Days):
 Plant Height:
 Grain Type:
 Disease/Pest Tolerancy:
 Advantage:



PADDY: SWARNA SUB 1

Category: Paddy - Notified
 Sowing Season: Kharif only
 Duration(Days):
 Plant Height:
 Grain Type:
 Disease/Pest Tolerancy:
 Advantage:



PADDY: SATABDI(IET 4786)

Category: Paddy - Notified
 Sowing Season: Boro only
 Duration(Days):
 Plant Height:
 Grain Type:
 Disease/Pest Tolerancy:
 Advantage:



PADDY: PRATIKSHYA

Category: Paddy - Notified
 Sowing Season: Kharif only
 Duration(Days):
 Plant Height:
 Grain Type:
 Disease/Pest Tolerancy:
 Advantage:



PADDY: RAJENDRA BHAGABATI

Category: Paddy - Notified

Sowing Season:

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



PADDY: RAJENDRA MASURI 1

Category: Paddy - Notified

Sowing Season:

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



PADDY: RANI DHAN

Category: Paddy - Notified

Sowing Season:

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



PADDY: RANJIT

Category: Paddy - Notified

Sowing Season: Kharif only

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



PADDY: RANJIT SUB 1

Category: Paddy - Notified

Sowing Season: Kharif only

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



PADDY: MTU 1172

Category: Paddy - Notified

Sowing Season: Kharif only

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



PADDY: MTU 7029

Category: Paddy - Notified
 Sowing Season: Kharif only
 Sowing Season:
 Duration(Days): 140-145
 Plant Height: 105-110
 Grain Type:
 Disease/Pest Tolerancy:
 Advantage:



PADDY: PARIJAT

Category: Paddy - Notified
 Sowing Season:
 Duration(Days):
 Plant Height:
 Grain Type:
 Disease/Pest Tolerancy:
 Advantage:



PADDY: MTU 1140

Category: Paddy - Notified
 Sowing Season:
 Duration(Days):
 Plant Height:
 Grain Type:
 Disease/Pest Tolerancy:
 Advantage:



PADDY: MTU 1153

Category: Paddy - Notified
 Sowing Season: Boro and Kharif only
 Duration(Days):
 Plant Height:
 Grain Type:
 Disease/Pest Tolerancy:
 Advantage:



PADDY: MTU 1156

Category: Paddy - Notified
 Sowing Season: Boro only
 Duration(Days):
 Plant Height:
 Grain Type:
 Disease/Pest Tolerancy:
 Advantage:



PADDY: MTU 1001

Category: Paddy - Notified
 Sowing Season: Kharif only
 Duration(Days):
 Plant Height:
 Grain Type:
 Disease/Pest Tolerancy:
 Advantage:



PADDY: MTU 1010

Category: Paddy - Notified

Sowing Season: Boro only

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



PADDY: MTU 1121

Category: Paddy - Notified

Sowing Season:

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:

Advantage:



PADDY: MASURI

Category: Paddy - Notified

Sowing Season: Kharif only

Duration(Days): 140 - 145

Plant Height(cm): 140 - 145

Grain Type: Medium Bold

Disease/ Pest Tolerance:
Tolerance to Stem Borer and
Leaf folder

Advantage: Rice Quality good
and high demanding variety.



PADDY: KHITISH(IET 4094)

Category: Paddy - Notified

Sowing Season: Boro only

Duration(Days): 135 to 140

Plant Height: Dwarf (82 to 90
cm)

Grain Type: Long Slender

Disease/Pest Tolerancy:
Moderately resistant to blast and
BS

Advantage:



PADDY: LALAT

Category: Paddy - Notified

Sowing Season:

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



PADDY: IR 64 DRT 1

Category: Paddy - Notified

Sowing Season:

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



PADDY: KHANDAGIRI

Category: Paddy - Notified

Sowing Season: Boro only

Grain Type: Medium Slender

Disease/ Pest Tolerance:
Resistant to Sh.R, neck blast, BS,
BPH, moderately resistant to
RTV, Sh.B, BLB, WBPH, GM, SB &
WM

Advantage: Preferred for Rain
fed Irrigated Uplands



PADDY: GS III

Category: Paddy - Notified

Sowing Season:

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



PADDY: IR 64

Category: Paddy - Notified

Sowing Season: Boro only

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



PADDY: CR DHAN 800

Category: Paddy - Notified

Sowing Season: Kharif only

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



PADDY: DHIREN

Category: Paddy - Notified

Sowing Season: Kharif only

Duration(Days):

Plant Height:

Grain Type:

Disease/Pest Tolerancy:

Advantage:



PADDY: GB I

Category: Paddy - Notified

Sowing Season: Boro only

Duration(Days): 120 - 125

Plant Height(cm): 95 - 100

Grain Type: Medium Slender

Disease/ Pest Tolerance: Semi-
dwarf; medium slender grains;
tolerant to Sh.B, Sh.R,

Advantage: Moderately resistant
to BPH, It is susceptible to neck
blast.



PADDY: GS II

Category: Paddy - Notified
 Sowing Season: Boro & kharif
 Duration(Days): 122 - 127
 Plant Height(cm): 100 - 110



PADDY: BAHADUR

Category: Paddy - Notified
 Sowing Season: Kharif only
 Duration(Days): 155 - 160
 Plant Height(cm): 110 - 114
 Grain Type: Medium Slender

Disease/Pest Tolerance: AWP, resistant to LB, tolerant to neck blast, BLB, moderately susceptible to Sh.B, SB & susceptible to GM

Advantage: compact panicle with brown husk colour with good yielding capacity



PADDY: BAHADUR SUB 1

Category: Paddy - Notified
 Sowing Season:
 Duration(Days):
 Plant Height:
 Grain Type:
 Disease/Pest Tolerancy:
 Advantage:



PADDY: BPT-5204

Category: Paddy - Notified
 Sowing Season: Kharif
 Duration(Days): 140 to 145
 Plant Height:
 Grain Type: Medium Fine
 Disease/Pest Tolerancy:
 Advantage:



PADDY: AJIT

Category: Paddy - Notified
 Sowing Season: Boro only



PADDY: ANNADA

Category: Paddy - Notified
 Sowing Season: Boro only
 Duration(Days): 90 - 100
 Plant Height(cm): 110 - 112
 Grain Type: Short Bold

Disease/Pest Tolerance: Moderately resistant to blast & SB, susceptible to BLB, GM & BPH.

Advantage: Suitable for Lowland and early segment



PEA



PEA SEED: ARKEL

Category: Pea Seed - OP
 Seed Rate - 20-25 Kg /Acre
 Fruiting - 60-65 Days
 Crop Duration - 105 - 110 Days
 Plant Height - 1.5 ft
 Pods - 7-8 ovules per pod
 Yield - 48-50 Q/ Acre



RACHANA



PEA SEED: HARBHAJAN

Category: Pea Seed - OP



PEA SEED: ASTHA 10

Category: Pea Seed - Improved

Seed Rate: 20 to 25 Kg/acre

Spacing: 60cm x 10cm in some
area 30cm x 10cm

Plant Type: Medium tall with well
spread lateral branches

No. of Seeds: 9-10/ pod

Seed Type: Green color, tender,
and very sweet

No. of pickings: 3-4

Average yield: 4-6 tons/acre

Special Feature:

- Tolerant to powdery mildew.
- Fetches more price in the market yard.



WHEAT

WHEAT - IMPROVED



**ASTHA HD 2967
WHEAT**



**ASTHA K
VANDANA
WHEAT**



**ASTHA 903 IMP
WHEAT**



**WHEAT: ASTHA
3333**

Category: Wheat - Improved

WHEAT - NOTIFIED



WHEAT: HD 2967

Category: Wheat - Improved



WHEAT: PBW 343

Category: Wheat - Improved