

Variety

Nua Chinikamini

IET18394

(Pure line selection of Chinikamini)

Product Profile

Late maturity, short grain aromatic rice selected from a landrace. Released in 2011 for rainfed shallow lowland of Odisha. Strong aroma and excellent sensory taste when used as kheer. It has desirable grain quality features like translucent bold kernel, high head rice recovery, high elongation ratio (2.01), intermediate amylose content and medium GC (57.7 mm). Because of its superior grain quality, it has the potential in premium market. Average yield is 3.5 tons per hectre.

Priority Market Segment - TLaS-R

Planting Method		Ecosystem		
PTR	DSR	Irrigated Lowland	Rainfed Lowland	Upland
Recommended	Not Recommended	Not Recommended	Recommended	Not Recommended

Positioning

Position	Irrigated Lowland	Rainfed Lowland	Upland
Replace	None	Chinikamini	None

Key Strengths

- Pleasant Aroma
- Translucent short bold grain
- High HRR, Good yield in this segment
- Moderately resistant to Sheath Rot, Sheath Blight, and Blast
- High elongation ratio (2.01)

Considerations

- Tall plant
- Average grain weight
- Photosensitive
- Average parboiling

Relative Variety Performance - Grain Yield and Agronomic Traits

Variety	Grain yield	Maturity (days)	Plant height (cm)	Lodging	HRR %	Amylose content %	1000 grain weight (g)
	(Kg/ha)						
Nua Chinikamini	3500	145-150	140	Susceptible	66.5	24	18

Relative Variety Performance - Biotic and Abiotic Stress

Variety	Neck blast	RTV	Sheath blight	Sheath rot	Stem borer	Gall Midge
Nua Chinikamini	Tolerant	Tolerant	Tolerant	Tolerant	Tolerant	Tolerant

Producibility: Nua Chinikamini = 1500Kgs. / acre

Recommendation: Released for cultivation in Odisha



Crop cafeteria
Nua Chinikamini