

# Variety

**MTU 1223 (Varsha)**

MTU 1081/MTU 1064

## Product Profile

MTU-1223 (VARSHA) a highly yielding, late maturity, medium slender grained variety developed through pedigree method by ANGRAU university (Maruteru) in 2019. Recommended for the rainfed shallow low land ecologies of Odisha and Bihar. With the duration of 150 days, this variety can produce an average yield of 6 tons a hectre. MTU 1223 has moderate tolerance to bacterial leaf blight, leaf blast, neck blast and stem borer.

### 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	Pooja	None	None
Companion	CR Dhan 409/508	None	None

### Key Strengths

- Good yield
- Medium height; Sturdy stem
- Profuse tillering and compact panicles
- Resistant to Blast and BLB
- Low shattering of grains (<2%)
- Highly translucent kernels with high head rice recovery of 64%

### Considerations

- Late maturity

### 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)	% Adv						
MTU 1223 (Varsha)	6000-6500	20	150	120	Tolerant	64	24	18
Pooja	5000-6000	-	150-155	90-95	Tolerant	54	22	20

### Relative Variety Performance - Biotic and Abiotic Stress

Variety	Leaf blast	Leaf blight	Sheath blight	BPH
MTU 1223 (Varsha)	Tolerant	Tolerant	Tolerant	Tolerant
Pooja	Tolerant	Susceptible	Susceptible	Susceptible

**Producibility:** MTU 1223 (Varsha)= 2400Kgs. / acre

**Recommendation:** Released for cultivation in Bihar and Odisha

