

# Variety

## Pooja

(Vijaya x T141)

## Product Profile

A high yielding, late maturity, semi-tall, long slender grain variety grown extensively in India. Developed by NRRI, Cuttack and released in 2008. Highly adapted to irrigated lowlands. Good cooking quality. Tolerant to important diseases and insect pests. Moderate HRR. Good grain weight.

### Priority Market Segment - TLAM-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	Swarna	None
Companion	None	Swarna Sub-1; Khandagiri	None

### Key Strengths

- High yield
- Late maturity; Profuse tillering
- Strong straw strength
- Tolerant to lodging and shattering
- Finegrain with good cooking & eating quality

### Considerations

- Susceptible to Brown spot, Bakanae
- Moderate HRR
- Low grain weight

### 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						
Pooja	5000-6000	-	150-155	90-95	Tolerant	53.5	22.0	13.5
Swarna	5500-6000	-	140-145	85-90	Susceptible	69.0	26.1	15.9

### Relative Variety Performance - Biotic and Abiotic Stress

Variety	Leaf blast	Leaf blight	Sheath blight	BPH	Gall midge	Submergence
Pooja	Tolerant	Tolerant	Susceptible	Susceptible	Resistant	Tolerant
Swarna	Susceptible	Resistant	Susceptible	Susceptible	Susceptible	Susceptible

**Producibility:** Pooja=2000-2400 Kgs. / acre

**Recommendation:** Released for cultivation in Odisha, Andhra Pradesh, Madhya Pradesh, West Bengal. Zonal-III (E) check for varietal trials conducted by IIRR, India

