

# Variety

## Pushyami

(MTU-1075)

(MTU-2716 x MTU-1010)

## Product Profile

A high yielding, late maturity, semi-tall, long slender grain variety grown extensively in South India. Developed by MARUTERU, 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 - TLaS-R

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

### Positioning

Position	Irrigated Lowland	Rainfed Lowland	Upland
Replace	Swarna	None	None
Companion	MTU-1010	None	None

### Key Strengths

- Good yieldpotential
- Non-lodging
- Long slender grain
- Semi-tall
- Tolerant to major diseases and insect pests
- Good cooking quality

### Considerations

- Susceptible to Sheath blight

### 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						
Pushyami	5500-6000	=	135-140	105-108	Tolerant	54	24	21
Swarna	5500-6000		140-145	85-90	Susceptible	69.0	26.1	16

### Relative Variety Performance - Biotic and Abiotic Stress

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

**Producibility:** Variety Pushyami=2200-2400Kgs. / acre

**Recommendation:** Released for cultivation in Andhra Pradesh, Telangana, Odisha.

Zonal VII(S) check for Initial varietal trials conducted by IIRR, India.

