

# Variety

**Pratikshya\***  
(Swarna × IR64)

## Product Profile

Late maturity, semi dwarf, medium slender grain, recommended for rainfed lowland conditions in Odisha. Developed by OUAT, Odisha and released in 2006, Pratikshya is suitable for late sown conditions for rainfed medium land, moderately resistant to brown spot, sheath rot, sheath blight, leaf folder and white backed plant hopper and resistant to gall midge 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	None	Swarna	None
Companion	None	Swarna sub 1	None

### Key Strengths

- Good yield
- Medium height; Profuse tillering
- Submergence tolerance
- Late maturity; Short bold grain
- High HRR; Excellent eating quality
- Resistant to Leaf blight

### Considerations

- Susceptible to Leaf blast, Sheath blight, and False smut
- Susceptible to BPH, Stem borer and Gall midge
- Loss of golden hull color as is in Swarna

### 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						
Pratikshya	5000-5500	(8)	135-140	105	Tolerant	67	25	20
Swarna	5500-6000		150-155	85-90	Susceptible	69	26	16

### Relative Variety Performance - Biotic and Abiotic Stress

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

**Producibility:** Swarna Sub-1=2000-2200Kgs. / acre

**Recommendation:** Released for cultivation in Odisha, Madhya Pradesh, Andhra Pradesh, West Bengal, Assam. National check in advanced varietal trial (late) conducted by IIRR, India.



\*Parental line (s) from IRRI germplasm