

Crop cafeteria  
**Kalachampa**

# Kalachampa

Pure line selection from  
Keonjhar Kalachampa (FV-152)

## Product Profile

A high-yielding, late-maturing variety with medium-bold grains, Kalachampa was released by the Department of Agriculture, Government of Odisha in 2015 specifically for cultivation in lowland ecology. Kalachampa is characterized by its non-lodging trait, high responsiveness to fertilizers, and suitability for both normal and late sowing practices. Widely embraced by farmers for its impressive yield and resilience against biotic stress, it demonstrates tolerance to major diseases and pests under normal conditions in Odisha.

### 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	Pooja	None
Companion	None	CR Dhan 508	None

### Key Strengths

- High yield
- Good responses to fertilizer
- Strong straw strength, non lodging
- Tolerant to major abiotic and biotic stresses

### Considerations

- Relatively later maturity
- Photosensitive

### Relative Variety Performance - Grain Yield, Agronomic Traits and Grain Shape

Variety	Grain yield		Maturity (days)	Plant height (cm)	Lodging	HRR %	1000 grain weight (g)	Grain Shape
	(Kg/ha)	% Adv						
Kalachampa	6500-7000	17	155-160	100-105	Tolerant	55	23	MB
Pooja	5000-6000		150-155	90-95	Susceptible	54	20	MS

### Relative Variety Performance - Biotic and Abiotic Stress

Variety	Leaf blast	Leaf blight	Sheath blight	BPH	Gall midge	Leaf folder
Kalachampa	Tolerant	Tolerant	Tolerant	Tolerant	Tolerant	Tolerant
Pooja	Tolerant	Tolerant	Susceptible	Susceptible	Resistant	Tolerant

**Producibility:** Kalachampa=2800Kgs. / acre

**Recommendation:** Released for cultivation in Odisha

