

CR Dhan 902

Pusa Basmati1 Mutant

Product Profile

CR Dhan 902, also known as Poorna Bhog, is a late-maturing, medium-height variety characterized by long slender grains, developed at NRRRI, Cuttack. Originating as a mutant variety from Pusa Basmati 1, it inherits valuable traits. Notably, CR Dhan 902 exhibits resistance to all major diseases and pests, ensuring healthier crops. With impressive productivity, it yields around 45-50 quintals per hectare.

Priority Market Segment - TLALS-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	Geetanjali	None
Companion	None	CR 908	None

Key Strengths

- Aromatic rice
- Medium maturity
- Resistance to major pests
- Long slender grain
- Resistant to all major diseases and pests

Considerations

- Average yield

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						
CR Dhan 902	4500-5000	11	135-140	95-100	Tolerant	58	20	LS
Geetanjali	4000-4500		130-135	110-115	Susceptible	67	18	LS

Relative Variety Performance - Biotic and Abiotic Stress

Variety	Leaf blast	Leaf blight	Sheath blight	BPH	Gall midge
CR Dhan 902	Resistant	Resistant	Resistant	Resistant	Tolerant
Geetanjali	Susceptible	Resistant	Susceptible	Susceptible	Susceptible

Producibility: CR Dhan 902=1800Kgs. / acre

Recommendation: Released for cultivation in Odisha

