

Variety

CR Dhan 902

Pusa Basmati1 mutant

Product Profile

CR dhan 902 also known as Poorna bhog is a late maturity, medium height, long slender grain variety developed at NRRI, Cuttack. This is a mutant variety from Pusa Basmati 1. Resistant to all major diseases and pests, CR dhan 902 yields around 45-50 quintals per ha.



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	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 and Agronomic Traits

Variety	Grain yield		Maturity (days)	Plant height (cm)	Lodging	HRR %	Amylose content %	1000 grain weight (g)
	(Kg/ha)	% Adv						
CR Dhan 902	4500-5000	12.5	140	100	Tolerant	58	24	20
Geetanjali	4000-4500		135	110-115	Susceptible	67	23	18

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 Dhan902= 1800Kgs. / acre

Recommendation: Released for cultivation in Odisha

