

Variety

CR Sungadha Dhan 910

CR 2713-180 (IET 22649)

Swarna/ Geetanjali

Product Profile

CR Sugandha dhan 910 an aromatic long slender grained variety developed at NRRI, Cuttack in 2015 for cultivation in Odisha. This variety is a cross of Swarna and Geetanjali With the duration of 145 days, it has average yield of 4.5 tons per hectre. CR Sugandha dhan 910 can be grown in shallow favourable lowlands and irrigated late environments. Moderately tolerant to blast, neck blast, sheath rot, rice tungro virus, sheath blight, leaf folder, white back plant hopper.

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 902	None

Key Strengths

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

Considerations

- Low 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 910	4500		145	100	Tolerant	68	25	17.3
Geetanjali	4000-4500		135	110-115	Susceptible	67	23	18

Relative Variety Performance - Biotic and Abiotic Stress

Variety	Sheath rot	Sheath rot	Stem borer	BPH	Gall midge
CR Dhan 910	Resistant	Resistant	Resistant	Resistant	Tolerant
Geetanjali	Susceptible	Susceptible	Susceptible	Susceptible	Susceptible

Producibility: CR Dhan 910= 1500Kgs. / acre

Recommendation: Released for cultivation in Odisha

