

Variety

CR 203 (Sachala)*
CR 2717-10- IR84899-B185
IR 78877 / IRRI 132

Product Profile

This is an aerobic variety, developed by NRI Cuttack, recommended for water limiting areas. CR 203 is notified in 2014 for the state of Odisha. It has long slender grain and it matures in 110-115 days. It produces an average yield of 4.05 t/ha. Moderate resistance to leaf blast, neck blast, brown spot, sheath blight, leaf folder and sheath rot is the important feature of this variety.

Priority Market Segment - TEMS-I

Planting Method		Ecosystem		
PTR	DSR	Irrigated Lowland	Rainfed Lowland	Upland
Recommended	Not Recommended	Recommended	Not Recommended	Not Recommended

Positioning

Position	Irrigated Lowland	Rainfed Lowland	Upland
Replace	CR 201	None	None
Companion	CR 209	None	None

Key Strengths

- Early maturity
- Aerobic rice
- Long slender
- Resistant to major diseases and pests
- Nonlodging plant type, easy threshability

Considerations

- Low yield

Relative Variety Performance - Grain Yield and Agronomic Traits

Variety	Grain yield		Maturity (days)	Plant height (cm)	Lodging	1000 grain weight (g)	HRR %	Amylose content %
	(Kg/ha)	% Adv						
CR 203	4050	0	110-115	110	Tolerant	24	64	22
CR 201	4500		115-120	95-100	Tolerant	24	63	22

Relative Variety Performance - Biotic and Abiotic Stress

Variety	Leaf blast	Brown spot	Sheath blight	Leaf folder	Gall midge	Drought
CR 203	Tolerant	Tolerant	Tolerant	Tolerant	Tolerant	Tolerant
CR 201	Tolerant	Tolerant	Tolerant	Tolerant	Tolerant	Tolerant

Producibility: CR 203: = 1620Kgs. / acre

Recommendation: Suitable for water limiting areas (favourable upland) of Odisha.

<https://krishi.icar.gov.in/jspui/bitstream/123456789/32077/1/2.pdf>

*Parental line (s) from IRRI germplasm

