

Goa Dhan-2 (high yielding salt-tolerant rice variety)

Background:

Low productivity of rice cultivated under coastal saline soils is a major problem. Development of improved high yielding salt tolerant rice varieties is the need of hour to boost the rice production.

Description:

A high yielding salt tolerant medium duration (125-130 days) rice variety released in 2017 for the coastal saline soils of Goa State.

It is a red kernelled short bold grain variety developed through pure line selection from local salinity tolerant landrace Korgut.

Parentage : Pure line selection from Korgut

Breeding method : Pure line selection

Plant type : Tall (140-145 cm)

Grain quality: Long bold grain type

Ecology : Coastal saline soils



Potential Beneficiaries: Paddy growers, agri-entrepreneurs, state department of agriculture

Impact of technology:

The estimated cultivated area is 12,000-15,000 hectares in Goa

Yield potential of 26-28 q/ha having 45-50% yield enhancement over national check, with the additional income of ₹25,000 to 27,000 per ha.