

Goa Dhan-1 (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 (135 days) rice variety released in 2017 for the coastal saline soils of Goa State.

It is a white 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 : Semi tall (120-125 cm)

Grain quality: Short 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

It has a yield potential of 23-26 q/ha (under stress) having 33-35% yield enhancement over national check, with the additional income of ₹ 20,000 to 25,000 per ha.