



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
ICAR Central Coastal Agricultural Research Institute, Ela
North Goa



Agromet Advisory Bulletin

Date : 17-12-2021

Weather Forecast of NORTH-GOA(Goa) Issued On : 2021-12-17(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-12-18	2021-12-19	2021-12-20	2021-12-21	2021-12-22
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	33.0	32.0	32.0	31.0	32.0
Tmin(°C)	20.0	19.0	18.0	19.0	20.0
RH-I(%)	90	89	89	80	80
RH-II(%)	60	59	55	55	55
Wind Speed(kmph)	9.0	8.0	8.0	7.0	6.0
Wind Direction(Degree)	63	57	66	71	58
Cloud cover(octa)	3	2	1	1	1

Weather Summary/Alert:

• Weather is very likely to be dry from 18th to 22nd Dec 2021 • Maximum & minimum temperatures are likely to be around 32°C & 20°C respectively • Gradual fall in minimum temperature by 2-3°C during next 3-4 days Week 1 (17th Dec to 23rd Dec) • Rainfall amount is very likely to be Normal over the district • Maximum temperature is likely to be normal • Minimum temperature is likely to be below normal Week 2 (24th Dec to 30th Dec) • Rainfall amount is very likely to be Normal over the district • Maximum temperature is likely to be normal • Minimum temperature is likely to be below normal

General Advisory:

• Take up control measures against pests and diseases in the plantation crops • Complete the sowing of rabi crops wherever soil moisture is suitable

SMS Advisory:

• To control white flies in coconut application of 1% starch solution on leaflets to flake out the sooty moulds is suggested

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Weather is very likely to be dry during next 5 days. Hence farmers are advised to complete the nursery sowing of rabi paddy
GROUNDNUT	• Weather is very likely to be dry during next 5 days. Hence farmers are advised to complete the sowing of groundnut wherever soil moisture is suitable

Crop(Varieties)	Crop Specific Advisory
CASHEW	• Farmers are advised to look upon the cashew orchards for the Tea mosquito bug incidence and apply neem-based insecticides

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COWPEA/ LOBIA	• Weather is very likely to be dry during next 5 days. Hence farmers are advised to complete the sowing of cowpea wherever soil moisture is suitable
CHILLI	• Take up control measures against sucking pests • Install yellow sticky traps
WATER MELON	• Weather is very likely to be dry during next 5 days, in a well drained soil with high organic matter farmers can take up sowing watermelon • Recommended varieties/hybrids - Arka Manik, Asahi Yamato, Arka Jyoti, Augusta, Sugar Baby
MANGO	• Spraying of Imidacloprid (0.3 ml per litre of water) will help to manage the mango hoppers • Spraying of wettable sulphur (2 ml per litre of water) or carbendazim (1 ml per litre of water)
ARECANUT	• Keep the orchards clean, by weeding and removing debris • Mulching of tree basins should be done to conserve soil moisture • Protect the palms from sun-scorch • Harvesting and drying of ripe nuts
COCONUT	• The topmost leaf axils may be filled with powdered neem cake @ 250 g + fine sand (250g) per palm to control the rhinoceros beetles • To control white flies , application of 1% starch solution on leaflets to flake out the sooty moulds • In severe case, spray neem oil 0.5% and no insecticide is recommended • Installation of yellow sticky traps on the palm trunk to trap adult whiteflies

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	• There is forewarning of very high risk of Babesiosis, for North Goa in the month of December 2021 • Periodical application of acaricides in and around cattle shed is necessary for effective control of ticks • Farmers should approach veterinary hospitals • in case of animals showing fever and coffee-coloured urine

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
BIRD	• Increase the number of feeders or slight increase the energy and protein content in feed may be done for commercial broilers as it stimulates growth in winter. But care should be taken to avoid feed wastage.