



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



Agromet Advisory Bulletin

Date : 18-11-2021

Weather Forecast of NORTH-GOA(Goa) Issued On : 2021-11-18(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2021-11-19 | 2021-11-20 | 2021-11-21 | 2021-11-22 | 2021-11-23 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 9.0 | 18.0 | 17.0 | 13.0 | 10.0 |
| Tmax(°C) | 33.0 | 32.0 | 33.0 | 33.0 | 33.0 |
| Tmin(°C) | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 |
| RH-I(%) | 94 | 92 | 94 | 94 | 92 |
| RH-II(%) | 69 | 66 | 73 | 73 | 65 |
| Wind Speed(kmph) | 4.0 | 6.0 | 7.0 | 4.0 | 3.0 |
| Wind Direction(Degree) | 61 | 72 | 105 | 80 | 66 |
| Cloud cover(octa) | 8 | 8 | 8 | 7 | 7 |

Weather Summary/Alert:

• Light to moderate rain/thundershowers very likely at many places over the district on 18th, 19th & 20th Nov 2021 • Light to moderate rain/thundershowers very likely at a few places over the district on 21st & 22nd Nov 2021 • Maximum & minimum temperatures are likely to be around 34°C & 24°C respectively Week 1 (19th Nov to 25th Nov) • Rainfall amount is very likely to be large excess over the district • Maximum and Minimum temperatures are likely to be normal Week 2 (26th Nov to 2nd Dec) • Rainfall amount is very likely to be large excess over the district • Maximum and Minimum temperatures are likely to be normal

General Advisory:

• Squally weather with wind speed reaching 40-50 km/hr gusting to 60 km/hr is likely to prevail along and off South Maharashtra-Goa coast from 18th November 2021 • Fishermen are advised not to venture into these areas during the above mentioned period

SMS Advisory:

• Thunderstorm accompanied with lightning very likely at isolated places over the district from 18th to 22nd Nov 2021. Hence farmers are advised to take precautions and to use damini app

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|---|
| RICE | • Farmers are advised to take up nursery sowing of rabi paddy |
| CASHEW | • Due to the forecast of light to moderate rainfall during next 5 days farmers are advised to take up the control measures during morning hours and clear weather • 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 |
|-------------------------|--------------------------------|
|-------------------------|--------------------------------|

| Horticulture(Varieties) | Horticulture Specific Advisory |
|-------------------------|---|
| COWPEA/ LOBIA | <ul style="list-style-type: none"> • Farmers are advised to take up sowing of cowpea • Apply 108.7kg/ha – DAP, 11.81kg/ha – Urea, 50kg/ha - MOP, 23.81kg/ha - Zinc sulphate heptahydrate, 19.05kg/ha – Borax, at the time of sowing preferably in the planting lines • Alsando–1, Nadora Bardez-4, and ICAR-CCARI released high yielding and bold cowpea variety (Goa cowpea-3) can be used for sowing • Seed treatment with Trichoderma viride @10g/kg or Pseudomonas fluorescens @ 10g/kg of seed or Carbendazim or Thiram 2g/kg is suggested before sowing |
| CHILLI | <ul style="list-style-type: none"> • Transplanting of vegetables seedlings can be done |
| MANGO | <ul style="list-style-type: none"> • Due to the forecast of light to moderate rainfall during next 5 days farmers are advised to take up the control measures during morning hours and clear weather • Spraying of Imidacloprid (0.3 ml per litre of water) will help to manage the mango hoppers • Possibility of incidence of leaf webbers in mango orchards during this season • Hence pruning of overcrowded and overlapping branches, mechanical removal of infested leaf webs and destroying them by burning will help in managing this pest • In severe cases spray of lambda-cyhalothrin @ 1 ml/ L is recommended • For Anthracnose - Spraying of Carbendazim@ 2 g per 1 litre of water is recommended |
| ARECANUT | <ul style="list-style-type: none"> • Due to the forecast of light to moderate rainfall during next 5 days farmers are advised to take up the control measures during morning hours and clear weather • For controlling the Fruit rot (Koleroga) in Arecanut application of Bordeaux mixture 1% can be done • Digging and forking of soil around the basin of Arecanut palm to a depth of 10-15cm is recommended for control of Arecanut root grubs attack |
| COCONUT | <ul style="list-style-type: none"> • Due to the forecast of light to moderate rainfall during next 5 days farmers are advised to take up the control measures during morning hours and clear weather • Take up the control measure for bud rot (Spray 1% Bordeaux mixture) • Farmers are suggested to look upon the incidence of Coconut mite and application of Neem cake - 5kg/palm can be done • 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 |