



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



## Agromet Advisory Bulletin

Date : 16-11-2021

Weather Forecast of NORTH-GOA(Goa) Issued On : 2021-11-16(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-11-17	2021-11-18	2021-11-19	2021-11-20	2021-11-21
Rainfall(mm)	42.0	18.0	13.0	22.0	20.0
Tmax(°C)	33.0	32.0	31.0	33.0	33.0
Tmin(°C)	23.0	23.0	22.0	23.0	24.0
RH-I(%)	94	92	93	93	93
RH-II(%)	66	72	67	60	75
Wind Speed(kmph)	4.0	6.0	5.0	5.0	3.0
Wind Direction(Degree)	78	90	74	86	67
Cloud cover(octa)	7	7	8	7	7

### Weather Summary/Alert:

• Light to moderate rain/thundershowers very likely at many places over the district on 16th & 17th Nov 2021 • Light to moderate rain/thundershowers very likely at a few places over the district on 18th, 19th & 20th Nov 2021 • No large change in minimum temperatures during the next 4-5 days • Maximum & minimum temperatures are likely to be around 33°C & 24°C respectively • Thunderstorm accompanied with lightning very likely at a few places over the district on 16th, 17th, 18th & 19th Nov 2021 • Heavy rainfall very likely at isolated places on 16th Nov 2021 • Winds of speed gusting to 30-40 Km/hr likely on 16th Nov 2021 Week 1 (12th Nov to 18th Nov) • Rainfall amount is very likely to be large excess over the district • Maximum and Minimum temperatures are likely to be normal Week 2 (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

### 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 17th & 18th November 2021 • Fishermen are advised not to venture into these areas during the above mentioned period

### SMS Advisory:

Farmers are suggested to avoid sowing rabi crops and spraying of protective chemicals on 16th and 17th Nov, due to the forecast of light to moderate rainfall at many places

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
RICE	• Due to the forecast of light to moderate rainfall at many places on 16th and 17th Nov 2021, farmers are advised to take up nursery sowing of rabi paddy after 17th Nov 2021
CASHEW	• Due to the forecast of light to moderate rainfall at many places on 16th and 17th Nov 2021, farmers are advised to take up the control measures after 17th Nov 2021, only 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
COWPEA/ LOBIA	• Due to the forecast of light to moderate rainfall at many places on 16th and 17th Nov 2021, farmers are advised to take up sowing of cowpea after 17th Nov 2021 • Apply FYM @ 5- 10 t/ha as basal with the last ploughing • 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	• Due to the forecast of light to moderate rainfall at many places on 16th and 17th Nov 2021, farmers are advised to take up transplanting of seedlings after 17th Nov 2021
MANGO	• Due to the forecast of light to moderate rainfall at many places on 16th and 17th Nov 2021, farmers are advised to take up the control measures after 17th Nov 2021, only 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	• Due to the forecast of light to moderate rainfall at many places on 16th and 17th Nov 2021, farmers are advised to take up the control measures after 17th Nov 2021, only 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	• Due to the forecast of light to moderate rainfall at many places on 16th and 17th Nov 2021, farmers are advised to take up the control measures after 17th Nov 2021, only 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

### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
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<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
COW	<ul style="list-style-type: none"><li>• There is a forewarning of very high risk of Babesiosis, for North Goa in November 2021</li><li>• Periodical application of acaricides in and around cattle shed is necessary for effective control of ticks</li><li>• Farmers should approach veterinary hospitals in case of animals showing fever and coffee-coloured urine</li><li>• High risk of Foot and Mouth Disease (FMD) occurrence in dairy animals</li><li>• Regular vaccination and disinfection with sodium carbonate (4%) or 10% washing soda should be followed</li></ul>