



## Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Central Coastal Agricultural Research Institute, Ela  
North Goa



### Agromet Advisory Bulletin

Date : 21-12-2021

Weather Forecast of NORTH-GOA(Goa) Issued On : 2021-12-21(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-12-22	2021-12-23	2021-12-24	2021-12-25	2021-12-26
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	32.0	33.0	33.0	34.0	34.0
Tmin(°C)	19.0	20.0	20.0	21.0	21.0
RH-I(%)	90	90	92	91	91
RH-II(%)	50	55	50	55	55
Wind Speed(kmph)	6.0	5.0	5.0	6.0	7.0
Wind Direction(Degree)	59	57	62	61	71
Cloud cover(octa)	0	0	0	0	0

#### Weather Summary/Alert:

• Weather is very likely to be dry from 22nd to 26th Dec 2021 • Maximum & minimum temperatures are likely to be around 31°C & 20°C respectively • No large change in minimum temperature during the next 24 hours and gradual rise thereafter 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

### SMS Advisory:

- Complete the sowing of rabi crops before first week of January, if sowing is delayed beyond this period, there will be decline in the germination as well as yield due to moisture stress

### 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 • Take up intercultural operations and keep the fields weed free
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 • Take up intercultural operations and keep the fields weed free • To control the aphids spraying of chlorpyrifos 2 ml/litre of water can be done or apply NSKE 5% (neem seed kernel extract)
CHILLI	• Take up control measures against sucking pests • Install yellow sticky traps • Take up intercultural operations and keep the fields weed free
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

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
MANGO	<ul style="list-style-type: none"> <li>• Spraying of Imidacloprid (0.3 ml per litre of water) will help to manage the mango hoppers</li> <li>• Spraying of wettable sulphur (2 ml per litre of water ) or carbendazim (1 ml per litre of water)</li> </ul>
ARECANUT	<ul style="list-style-type: none"> <li>• Keep the orchards clean, by weeding and removing debris</li> <li>• Mulching of tree basins should be done to conserve soil moisture</li> <li>• Protect the palms from sun-scorch</li> <li>• Harvesting and drying of ripe nuts</li> </ul>
COCONUT	<ul style="list-style-type: none"> <li>• The topmost leaf axils may be filled with powdered neem cake @ 250 g + fine sand (250g) per palm to control the rhinoceros beetles</li> <li>• To control white flies , application of 1% starch solution on leaflets to flake out the sooty moulds</li> <li>• In severe case, spray neem oil 0.5% and no insecticide is recommended</li> <li>• Installation of yellow sticky traps on the palm trunk to trap adult whiteflies</li> </ul>

### Live Stock Specific Advisory:

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
COW	<ul style="list-style-type: none"> <li>• There is forewarning of very high risk of Babesiosis, for North Goa in the month of December 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</li> <li>• in case of animals showing fever and coffee-coloured urine</li> </ul>

### Poultry Specific Advisory:

<b>Poultry(Varieties)</b>	<b>Poultry Specific Advisory</b>
BIRD	<ul style="list-style-type: none"> <li>• 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</li> </ul>