



## Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Central Coastal Agricultural Research Institute, Ela  
North Goa



### Agromet Advisory Bulletin

Date : 28-12-2021

Weather Forecast of NORTH-GOA(Goa) Issued On : 2021-12-28(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-12-29	2021-12-30	2021-12-31	2022-01-01	2022-01-02
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	32.0	32.0	32.0	32.0	32.0
Tmin(°C)	20.0	20.0	21.0	22.0	22.0
RH-I(%)	72	75	78	77	76
RH-II(%)	34	38	38	43	44
Wind Speed(kmph)	6.0	6.0	9.0	9.0	9.0
Wind Direction(Degree)	57	68	87	78	78
Cloud cover(octa)	0	0	0	2	0

#### Weather Summary/Alert:

• Weather is very likely to be dry from 29th Dec 2021 to 2nd Jan 2022 • Maximum & minimum temperatures are likely to be around 31°C & 20°C respectively Week 1 (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 Week 2 (31st Dec to Jan 06th) • Rainfall amount is very likely to be normal over the district • Maximum temperature is likely to be normal • Minimum temperature is likely to be normal

#### General Advisory:

- Take control measures against sucking pests in the rabi crops

### SMS Advisory:

- Due to dry weather and possibility of increase in temperature, irrigation can be started in the plantation crops

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Transplanting of rabi paddy can be started from 1st week of January, wherever seedlings are 20 – 25 days old • Farmers are suggested to carry out hand weeding in the rabi paddy nursery 15-20 days after germination • During rabi season, blast is the major disease affecting from nursery to transplanted crop. Hence take up Carbendazin (1g/litre) spray at nursery stage
GROUNDNUT	• Take up interculture operations and keep the fields weed free • Provide irrigation at 10 to 15 days interval
CASHEW	• Due to dry weather and possibility of increase in temperature, irrigation can be given at 15 days interval • 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	• Take up interculture operations and keep the fields weed free • Provide irrigation at 7 to 10 days interval • 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 interculture operations and keep the fields weed free
WATER MELON	• Watermelon sowing can be completed • Provide irrigation at 7 to 10 days interval

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
MANGO	<ul style="list-style-type: none"> <li>• Due to dry weather and possibility of increase in temperature, irrigation can be started for below 5 years old trees at 10-15 days interval</li> <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>• Due to dry weather and possibility of increase in temperature, irrigation can be given to arecanut palms in sandy soils at 4 days interval in basin method or daily through drip irrigation</li> <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>• Due to dry weather and possibility of increase in temperature, irrigation can be given to coconut palms in sandy soils at 4 days interval in basin method or daily through drip irrigation</li> <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>