



## Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Central Coastal Agricultural Research Institute, Ela  
North Goa



### Agromet Advisory Bulletin

Date : 18-01-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-01-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-01-19	2022-01-20	2022-01-21	2022-01-22	2022-01-23
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	32.0	32.0	32.0	31.0	31.0
Tmin(°C)	20.0	20.0	21.0	20.0	19.0
RH-I(%)	90	89	89	90	91
RH-II(%)	69	68	65	69	70
Wind Speed(kmph)	6.0	6.0	5.0	4.0	4.0
Wind Direction(Degree)	48	57	57	52	101
Cloud cover(octa)	2	0	2	1	2

#### Weather Summary/Alert:

• Weather is very likely to be dry from 19th to 23rd January 2022 • Maximum & minimum temperatures are likely to be around 33°C & 20°C respectively Week 1 (14th Jan to 20th Jan ) • Rainfall amount is very likely to be Normal to Above Normal over the district • Maximum temperature is likely to be normal • Minimum temperature is likely to be Normal to Below Normal Week 2 (20th Jan to 26th Jan ) • Rainfall amount is very likely to be Below Normal over the district • Maximum temperature is likely to be normal • Minimum temperature is likely to be normal

#### General Advisory:

- Provide irrigation to the crops at regular intervals
- Weeding and earthing up has to be done in the rabi crops

### SMS Advisory:

- In mango, spraying of 2% potassium nitrate is recommended to increase the fruit set and retention of fruits

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	<ul style="list-style-type: none"> <li>• Weather is very likely to be dry for next 5 days</li> <li>• To control blast disease take up Carbendazin(1g/litre) spray</li> <li>• In early transplanted fields, farmers are suggested to take up weed management practices</li> </ul>
GROUNDNUT	<ul style="list-style-type: none"> <li>• Take up interculture operations and keep the fields weed free</li> <li>• Provide irrigation at 10 to 15 days interval</li> <li>• Weeding and earthing up has to be done</li> <li>• To control the aphids, thrips and leaf miners spraying of spinosad @ 0.2 ml/litre of water can be done or apply NSKE 5% (neem seed kernel extract)</li> <li>• Yellow sticky traps can be kept in the field for better monitoring of these sucking pests</li> </ul>
CASHEW	<ul style="list-style-type: none"> <li>• Due to the dry weather forecast for the next 5 days, irrigation can be given at 15 days interval</li> <li>• Farmers are advised to look upon the cashew orchards for the Tea mosquito bug incidence and apply neem-based insecticides</li> </ul>

### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COWPEA/ LOBIA	<ul style="list-style-type: none"> <li>• Farmers are suggested to take up weeding and earthing up practices</li> <li>• Provide irrigation at 7 to 10 days interval</li> <li>• To control the aphids and thrips spraying of spinosad @ 0.2 ml/litre of water can be done or apply NSKE 5% (neem seed kernel extract)</li> <li>• Yellow sticky traps can be kept in the field for better monitoring of these sucking pests</li> </ul>
CHILLI	<ul style="list-style-type: none"> <li>• Take up control measures against sucking pests</li> <li>• Install yellow sticky traps</li> <li>• Take up inter-cultural operations and keep the fields weed-free</li> </ul>

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
WATER MELON	<ul style="list-style-type: none"> <li>• Provide irrigation at 7 to 10 days interval</li> <li>• Thrips management: Incidence of thrips is observed during the crop growth stage. Spray Imidacloprid (Trade name – Confidor) @ 0.5 mL/Litre water to manage the thrips infestation</li> </ul>
MANGO	<ul style="list-style-type: none"> <li>• Due to dry weather forecast for next 5 days irrigation can be started for below 5 years old trees at 10-15 days interval</li> <li>• Spraying of 2% potassium nitrate is recommended to increase the fruit set and retention of fruits</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> <li>• Spraying of 2% potassium nitrate is recommended to increase the fruit set and retention of fruits</li> </ul>
ARECANUT	<ul style="list-style-type: none"> <li>• Due to dry weather forecast for next 5 days, 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 forecast for next 5 days, irrigation can be given to coconut palms in sandy soils at 4 days interval in basin method or daily through drip irrigation</li> <li>• To control mites, spraying of 2% neem-garlic emulsion or azadirachtin 10000 ppm @0.004% is recommended</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 district in the month of January 2022</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>