



## Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Central Coastal Agricultural Research Institute, Ela  
North Goa



### Agromet Advisory Bulletin

Date : 07-01-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-01-07(Valid Till 08:30 IST of the next 5 days)

| Parameter              | 2022-01-08 | 2022-01-09 | 2022-01-10 | 2022-01-11 | 2022-01-12 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm)           | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| Tmax(°C)               | 32.0       | 31.0       | 31.0       | 32.0       | 32.0       |
| Tmin(°C)               | 19.0       | 18.0       | 19.0       | 19.0       | 20.0       |
| RH-I(%)                | 91         | 91         | 89         | 89         | 89         |
| RH-II(%)               | 68         | 65         | 61         | 65         | 64         |
| Wind Speed(kmph)       | 5.0        | 4.0        | 5.0        | 7.0        | 7.0        |
| Wind Direction(Degree) | 61         | 33         | 52         | 155        | 133        |
| Cloud cover(octa)      | 1          | 1          | 2          | 2          | 1          |

#### Weather Summary/Alert:

• Weather is very likely to be dry from 08th Jan to 12th Jan 2022 • Maximum & minimum temperatures are likely to be around 32°C & 20°C respectively Week 1 (07th Jan to 13th Jan ) • 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 Week 2 (14th Jan to 20th Jan ) • 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 • Take up interculture operations and keep the fields weed free

### 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            | • Rabi paddy transplanting can be done, wherever seedlings are 20 – 25 days old • Apply 29.2 kg Urea, 120 kg Single super phosphate and 16.8 kg Muriate of Potash/acre as a basal dose before transplanting if not applied during sowing of nursery |
| GROUNDNUT       | • Take up interculture operations and keep the fields weed free • Provide irrigation at 10 to 15 days interval  |
| CASHEW          | • Due to dry weather forecast for next 5 days , 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             | • Provide irrigation at 7 to 10 days interval • 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          |

| Horticulture(Varieties) | Horticulture Specific Advisory  |
|-------------------------|---|
| 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>• Dry weather and decrease in the humidity favours the establishment of pest and diseases. Hence are farmers advised to take control measures</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>• Dry weather and decrease in the humidity favours the establishment of pest and diseases. Hence are farmers advised to take control measures</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:

| Live Stock(Varieties) | Live Stock Specific Advisory  |
|-----------------------|---|
| 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> |