



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Central Coastal Agricultural Research Institute, Ela
North Goa



Agromet Advisory Bulletin

Date : 11-01-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-01-11(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-01-12	2022-01-13	2022-01-14	2022-01-15	2022-01-16
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	30.0	30.0	31.0	31.0	31.0
Tmin(°C)	19.0	19.0	20.0	21.0	21.0
RH-I(%)	91	90	83	87	91
RH-II(%)	80	75	69	69	69
Wind Speed(kmph)	5.0	7.0	6.0	4.0	5.0
Wind Direction(Degree)	44	65	70	66	72
Cloud cover(octa)	3	1	1	1	1

Weather Summary/Alert:

• Weather is very likely to be dry from 12th Jan to 16th Jan 2022 • Maximum & minimum temperatures are likely to be around 29°C & 18°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:

- Spraying of Imidacloprid (0.3 ml per litre of water) will help to manage the mango hoppers

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"> • Due to dry weather forecast for next 5 days irrigation can be started for below 5 years old trees at 10-15 days interval • Dry weather and decrease in the humidity favours the establishment of pest and diseases. Hence are farmers advised to take control measures • Spraying of 2% potassium nitrate is recommended to increase the fruit set and retention of fruits • Spraying of Imidacloprid (0.3 ml per litre of water) will help to manage the mango hoppers • Spraying of wettable sulphur (2 ml per litre of water) or carbendazim (1 ml per litre of water) • Spraying of 2% potassium nitrate is recommended to increase the fruit set and retention of fruits
ARECANUT	<ul style="list-style-type: none"> • 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 • Keep the orchards clean, by weeding and removing debris • Mulching of tree basins should be done to conserve soil moisture • Protect the palms from sun-scorch • Harvesting and drying of ripe nuts
COCONUT	<ul style="list-style-type: none"> • 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 • Dry weather and decrease in the humidity favours the establishment of pest and diseases. Hence are farmers advised to take control measures • To control mites, spraying of 2% neem-garlic emulsion or azadirachtin 10000 ppm @0.004% is recommended • 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
COW	<ul style="list-style-type: none"> • There is forewarning of very high risk of Babesiosis, for North Goa district in the month of January 2022 • Periodical application of acaricides in and around cattle shed is necessary for effective control of ticks • Farmers should approach veterinary hospitals • in case of animals showing fever and coffee-coloured urine