



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Central Coastal Agricultural Research Institute, Ela
North Goa



Agromet Advisory Bulletin

Date : 14-01-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-01-14(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-01-15	2022-01-16	2022-01-17	2022-01-18	2022-01-19
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	29.0	30.0	31.0	32.0	32.0
Tmin(°C)	19.0	20.0	21.0	21.0	21.0
RH-I(%)	95	91	89	89	88
RH-II(%)	69	68	65	65	63
Wind Speed(kmph)	4.0	4.0	5.0	6.0	6.0
Wind Direction(Degree)	60	59	64	73	60
Cloud cover(octa)	5	4	4	3	1

Weather Summary/Alert:

• Weather is very likely to be dry from 15th Jan to 19th Jan 2022 • Maximum & minimum temperatures are likely to be around 30°C & 20°C respectively • No large change in minimum temperature for 24 hrs. Gradual rise by 2-3°C during subsequent 3-4 days 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:

- Take control measures against sucking pests in the rabi crops • Take up interculture operations and keep the fields weed free

SMS Advisory:

- 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)

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Dry weather is forecasted for next 5 days. Hence transplanting of rabi paddy can be completed • 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 • In early transplanted fields, farmers are suggested to take up weed management practices
GROUNDNUT	• Take up interculture operations and keep the fields weed free • Provide irrigation at 10 to 15 days interval • Weeding and earthing up has to be done • 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) • Yellow sticky traps can be kept in the field for better monitoring of these sucking pests
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 and thrips spraying of spinosad @ 0.2 ml/litre of water can be done or apply NSKE 5% (neem seed kernel extract) • Yellow sticky traps can be kept in the field for better monitoring of these sucking pests
CHILLI	• Take up control measures against sucking pests • Install yellow sticky traps • Take up interculture operations and keep the fields weed free

Horticulture(Varieties)	Horticulture Specific Advisory
WATER MELON	<ul style="list-style-type: none"> • 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.
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 • 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 • 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