



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Central Coastal Agricultural Research Institute, Ela
North Goa



Agromet Advisory Bulletin

Date : 28-01-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-01-28(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-01-29	2022-01-30	2022-01-31	2022-02-01	2022-02-02
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	32.0	33.0	33.0	32.0	31.0
Tmin(°C)	21.0	22.0	22.0	21.0	20.0
RH-I(%)	70	70	69	69	69
RH-II(%)	62	60	60	60	65
Wind Speed(kmph)	13.0	7.0	7.0	6.0	6.0
Wind Direction(Degree)	78	66	44	69	62
Cloud cover(octa)	1	0	0	2	1

Weather Summary/Alert:

• Weather is very likely to be dry for next 5 days • No large change in minimum temperature for 48 hours and gradual fall in minimum temperature by around 2°C during the subsequent 3-4 days • Maximum & minimum temperatures are likely to be around 31°C & 22°C respectively Week 1 (28th Jan to 03rd Feb) • Rainfall amount is very likely to be large deficient over the district • Maximum temperature is likely to be above normal • Minimum temperature is likely to be normal Week 2 (04th Feb to 10th Feb) • Rainfall amount is very likely to be below large deficient 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:

- Foliar fertilization may be practiced in cowpea with 2% DAP (200g dissolved in 10 litres of water) at flowering (40- 45 DAS) which considerably increases 20 to 35 % of yield

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	<ul style="list-style-type: none"> • Application of second dose of fertilizer (Urea – 54kg/ha) can be done at tillering stage • Maintain the water level in the paddy fields • Farmers are suggested to take up weed management practices
GROUNDNUT	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Due to the dry weather forecast for the 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	<ul style="list-style-type: none"> • Foliar fertilization may be practiced with 2% DAP (200g dissolved in 10 litres of water) at flowering (40- 45 DAS) which considerably increases 20 to 35 % of yield • Farmers are suggested to take up weeding and earthing up practices • 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	<ul style="list-style-type: none"> • Take control measures against sucking pests • Provide irrigation at regular intervals • Install yellow sticky traps • Take up intercultural operations and keep the fields weed-free

Horticulture(Varieties)	Horticulture Specific Advisory
WATER MELON	<ul style="list-style-type: none"> • Take control measures against sucking pests • 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 • Provide irrigation at 7 to 10 days interval
MANGO	<ul style="list-style-type: none"> • Possibility of Powderymildew, Anthracnose, Sooty mold and hoppers • Spraying of Wettable sulphur 2g along with 0.3 ml Imidacloprid per litre of water is suggested • Provide irrigation for below 5 years old trees at 10-15 days interval
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 • 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