



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Central Coastal Agricultural Research Institute, Ela
North Goa



Agromet Advisory Bulletin

Date : 25-01-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-01-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-01-26	2022-01-27	2022-01-28	2022-01-29	2022-01-30
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	29.0	29.0	30.0	31.0	32.0
Tmin(°C)	18.0	19.0	20.0	21.0	21.0
RH-I(%)	88	82	81	80	80
RH-II(%)	60	60	61	65	65
Wind Speed(kmph)	6.0	6.0	10.0	12.0	6.0
Wind Direction(Degree)	50	44	63	72	71
Cloud cover(octa)	4	3	3	3	3

Weather Summary/Alert:

• Weather is very likely to be dry for next 5 days • No large change in minimum temperature during 24 hrs. Gradual rise by around 2°C during subsequent 3 days • Maximum & minimum temperatures are likely to be around 30°C & 20°C respectively Week 1 (21st Jan to 27th 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 (28th Jan to 03rd Feb) • 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:

- Spraying of Wettable sulphur 2g along with 0.3 ml Imidacloprid per litre of water is suggested to control Powdery mildew, Anthracnose, Sooty mould and hoppers in mango

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Maintain the water level in the paddy fields • Farmers are suggested to take up weed management practices
GROUNDNUT	• Provide irrigation at 10 to 15 days interval • Weeding and earthing up has to be done • Due to rainfall and cloudy condition during past week, possibility of increase in incidence of sucking pests • 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 rainfall and cloudy condition during past week, possibility of increase in incidence of Tea mosquito bug • Farmers are advised to look upon the cashew orchards for the Tea mosquito bug incidence and apply neem-based insecticides • Due to the dry weather forecast for the next 5 days, irrigation can be given at 15 days interval

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COWPEA/ LOBIA	• Farmers are suggested to take up weeding and earthing up practices • Provide irrigation at 7 to 10 days interval • Due to rainfall and cloudy condition during past week, possibility of increase in incidence of sucking pests • 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

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	<ul style="list-style-type: none"> • Due to rainfall and cloudy condition during past week, possibility of increase in incidence of sucking pests • Provide irrigation at regular intervals • Install yellow sticky traps • Take up intercultural operations and keep the fields weed-free
WATER MELON	<ul style="list-style-type: none"> • Due to rainfall and cloudy condition during past week, possibility of increase in incidence of 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"> • Due to rainfall and cloudy condition during past week, possibility of Powdery mildew, Anthracnose, Sooty mould 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 rainfall and cloudy condition during past week, possibility of increase in incidence of mites and white flies • 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 • 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

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	<ul style="list-style-type: none"> • 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

