



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
ICAR Central Coastal Agricultural Research Institute, Ela
North Goa



Agromet Advisory Bulletin

Date : 18-02-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-02-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-02-19	2022-02-20	2022-02-21	2022-02-22	2022-02-23
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	33.0	33.0	34.0	33.0	34.0
Tmin(°C)	20.0	20.0	20.0	19.0	19.0
RH-I(%)	61	62	57	59	62
RH-II(%)	30	33	31	30	19
Wind Speed(kmph)	9.0	8.0	7.1	8.1	7.1
Wind Direction(Degree)	72	72	112	75	75
Cloud cover(octa)	2	6	5	6	4

Weather Summary/Alert:

• Weather is very likely to be dry for next 5 days • No large change in minimum temperature for 48 hours and fall by 1-2°C in the subsequent 3 days • Maximum & minimum temperatures are likely to be around 33°C & 21°C respectively Week 1 (18th Feb to 24th Feb) • 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 (25th Feb to 03rd Mar) • Rainfall amount is very likely to be Large excess over the district • Maximum temperature is likely to be normal • Minimum temperature is likely to be normal

General Advisory:

• Keep the orchards clean, by weeding and removing debris • Mulching of tree basins should be done to conserve soil moisture

SMS Advisory:

• To control white flies in Coconut, application of 1% starch solution on leaflets to flake out the sooty moulds

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Possibility of leaf folder in rabi paddy, hence early clipping of infested leaf tips along with removal of other weeds is recommended • Foliar sprays with Chlorpyrifos 2.5 ml/litre is recommended • Application of second dose of fertilizer (Urea – 54kg/ha) can be done at tillering stage • Maintain the water level in the paddy fields

Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	<ul style="list-style-type: none"> • Earthing up is to be done within 40-45 days after sowing as it helps for the penetration of pegs in the soil and also facilitates for increased pod development • Provide irrigation at 10 to 15 days interval • 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"> • Provide irrigation at regular intervals • Take up intercultural operations and keep the fields weed-free • Take up control measures against chilli leaf curl diseases • Spraying of Imidacloprid @ 0.3ml per litre of water can be done • Yellow sticky traps can be placed in the field for better monitoring of sucking pests
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"> • Spraying of 0.3 ml Imidacloprid per litre of water is suggested to control hoppers • Spraying should be done before 9 am or after 4 pm in order to save non-target pollinators • 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 the 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 the 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 whiteflies, application of 1% starch solution on leaflets to flake out the sooty moulds • In severe cases, 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
GOAT	<ul style="list-style-type: none"> • There is a forewarning of very high risk of Peste-des-Petitis Ruminants (PPR) and Swine Fever (SF) in livestock for North Goa district in February 2022 • Cleaning and disinfection of pig sheds and goat farms should be done • Vaccination should be followed strictly

