



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Central Coastal Agricultural Research Institute, Ela
North Goa



Agromet Advisory Bulletin

Date : 22-02-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-02-22(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-02-23	2022-02-24	2022-02-25	2022-02-26	2022-02-27
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	32.0	32.0	32.0	33.0	32.0
Tmin(°C)	21.0	21.0	21.0	21.0	21.0
RH-I(%)	71	80	81	73	79
RH-II(%)	24	37	37	32	31
Wind Speed(kmph)	6.6	7.6	7.5	7.4	7.2
Wind Direction(Degree)	112	72	108	90	108
Cloud cover(octa)	3	0	3	3	1

Weather Summary/Alert:

• Weather is very likely to be dry for next 5 days • Rise in minimum temperature by 1-2°C in 24hrs. No large change during subsequent 3-4 days • Maximum & minimum temperatures are likely to be around 32°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:

- Take control measures against diseases in livestock and poultry

SMS Advisory:

- Pre harvest bagging of marble size mango fruits in 25 X 20 cm paper bags can improve quality of fruits and also protect the fruits from fruit fly infestation

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	<ul style="list-style-type: none"> • Earthing up 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 insectici
RICE	<ul style="list-style-type: none"> • Maintain the water level in the paddy fields • Take up regular weeding in the fields • Take up control measures against blight disease in paddy, apply neem cake at 150 kg/ha or foliar spray with neem oil at 3% (15 lit /ha) starting from disease appearance or Carbendazim 50 WP @ 500g/ha • 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 Chlorpyriphos 2.5 ml/litre is recommended

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COWPEA/ LOBIA	<ul style="list-style-type: none"> • Farmers are suggested to take up weeding and earthing up practices • Provide irrigation at 7 to 10 days interval • Possibility of Pod borer, hence spraying of neem oil 80 EC @ 2ml/lit is recommended • 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"> • 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"> • Pre harvest bagging of marble size mango fruits in 25 X 20 cm paper bags can improve quality of fruits and also protect the fruits from fruit fly infestation • Spraying of 0.3 ml Imidacloprid per litre of water is suggested to control hoppers • Spraying should be done before 9am or after 4pm 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 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

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
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Live Stock(Varieties)	Live Stock Specific Advisory
COW	<ul style="list-style-type: none"> • There is a forewarning of very high risk of Babesiosis and Theilarioasis in livestock for North Goa district in march 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 • Vaccination should be followed strictly

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
BIRD	<ul style="list-style-type: none"> • There is mostly prevalence of diseases like Fowl- Pox, Mycoplasmosis/Chronic respiratory diseases and salmonella during this period • Strict biosecurity measures like cleaning and disinfection of farm equipments and farm area with any standard disinfectant like bleaching powder/potassium permanganate, foot bath, separate clothing for working persons, rodent control and restricted entry for outsiders, vaccination and proper medication should be followed