



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Central Coastal Agricultural Research Institute, Ela
North Goa



Agromet Advisory Bulletin

Date : 11-03-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-03-11(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-03-12	2022-03-13	2022-03-14	2022-03-15	2022-03-16
Rainfall(mm)	2.0	3.0	0.0	0.0	0.0
Tmax(°C)	33.0	34.0	35.0	35.0	34.0
Tmin(°C)	24.0	25.0	24.0	24.0	24.0
RH-I(%)	67	67	63	71	88
RH-II(%)	30	26	24	24	34
Wind Speed(kmph)	8.0	7.3	8.1	7.2	7.4
Wind Direction(Degree)	90	112	90	158	117
Cloud cover(octa)	3	1	3	4	3

Weather Summary/Alert:

• Light rain/ thundershowers very likely at isolated places over the district on 11th & 12th March 2022 • Weather is very likely to be dry over the district on 13th, 14th & 15th March 2022 • No large change in maximum temperature during next 24 hrs. Gradual rise by around 2°C for 2 days, thereafter fall by 2°C in subsequent 2 days • Maximum & minimum temperatures are likely to be around 34°C & 25°C respectively Week 1 (11th Mar to 17th Mar) Maximum temperature is likely to be above normal • Minimum temperature is likely to be normal Week 2 (18th Mar to 24th Mar) • Rainfall amount is very likely to be excess over the district • Maximum temperature is likely to be above normal • Minimum temperature is likely to be normal

General Advisory:

- Provide sufficient water and feed to the animals and poultry birds
- Take control measures against sucking pests

SMS Advisory:

Possibility of thunderstorm accompanied with lightning on 11th and 12th March. Please avoid working in open areas/fields, taking shelter under tall trees or structure while thunderstorms are taking pl

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	<ul style="list-style-type: none">• Application of third split of fertilizer (MOP – 40kg/ha) is suggested• Weed the field and drain water before application of the fertilizer• Due to forecast of light rainfall at isolated places on 11th and 12th March 2022 and cloudy condition from the past 3 – 4 days, farmers are advised to take up control measures against pest and diseases in rabi paddy• To control 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• To control 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
GROUNDNUT	<ul style="list-style-type: none">• Due to forecast of light rainfall at isolated places on 11th and 12th March 2022 and cloudy condition from the past 3 – 4 days , sucking pests may increase in groundnut• 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• Due to forecast of dry weather from 13th March 2022 and gradual increase in the temperature, irrigation may be provided
CASHEW	<ul style="list-style-type: none">• Due to forecast of light rainfall at isolated places on 11th and 12th March 2022 and cloudy condition from the past 3 – 4 days , farmers are advised to look upon the cashew orchards for the Tea mosquito bug incidence and apply neem-based insecticides• Due to forecast of dry weather from 13th March 2022 and gradual increase in the temperature, irrigation may be continued

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COWPEA/ LOBIA	<ul style="list-style-type: none"> • Due to forecast of light rainfall at isolated places on 11th and 12th March 2022 and cloudy condition from the past 3 – 4 days , pod borer and sucking pests may increase in cowpea • To control Pod borer 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 • Due to forecast of dry weather from 13th March 2022 and gradual increase in the temperature, irrigation can be continued in cowpea in the fields of flowering to pod development stage
CHILLI	<ul style="list-style-type: none"> • Due to forecast of light rainfall at isolated places on 11th and 12th March 2022 and cloudy condition from the past 3 – 4 days , sucking pests may increase in chilli • To control aphids and whiteflies 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 • Due to forecast of dry weather from 13th March 2022 and gradual increase in the temperature, irrigation may be provided
MANGO	<ul style="list-style-type: none"> • Due to forecast of light rainfall at isolated places on 11th and 12th March 2022 and cloudy condition from the past 3 – 4 days , possibility of Powdery mildew, Anthracnose, Sooty mold and hoppers • Spraying of Wetable sulphur 2g along with 0.3 ml Imidacloprid per litre of water is suggested • Due to forecast of dry weather from 13th March 2022 and gradual increase in the temperature, irrigation may be continued
ARECANUT	<ul style="list-style-type: none"> • Due to forecast of light rainfall at isolated places on 11th and 12th March 2022 and cloudy condition from the past 3 – 4 days, farmers are advised to take precautions while drying the harvested nuts • Take control measures against mites • Due to forecast of dry weather from 13th March 2022 and gradual increase in the temperature, irrigation may be continued
COCONUT	<ul style="list-style-type: none"> • Due to forecast of light rainfall at isolated places on 11th and 12th March 2022 and cloudy condition from the past 3 – 4 days, white flies and mites may in coconut • 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 • Due to forecast of dry weather from 13th March 2022 and gradual increase in the te

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	<ul style="list-style-type: none">• Due to forecast of thundershowers on 11th and 12th March 2022, keep the animals indoor and grazing in the open field should be avoided• Due to gradual increase in temperature, provide sufficient water to animals• There is a forewarning of very high risk of Babesiosis and Theileriosis 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">• Due to gradual increase in temperature, provide sufficient water to birds• Confine the birds to indoors or in own surrounding area• Keep the yard and surroundings clean and regularly bury/ burn the wastes• Report sickness/mortality in birds immediately to the nearest veterinary dispensary• Do not introduce New Birds to the Flock: The new birds should be kept away from the flock for at least 30 days• Vaccinate the birds as per the vaccination schedule• Regular cleaning of cages of birds should be undertaken. Footbath/spraying/ dusting and handwashing facility should be made available• Recognize the signs of AI:• A close check must be kept on birds' mortality. Swelling around the eyes, neck, head, nasal discharge, discoloration of the wattles, combs, legs, drop in egg production, sudden weakness, drooping wings and lack of movement among birds are the warning signs