



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Central Coastal Agricultural Research Institute, Ela
North Goa



Agromet Advisory Bulletin

Date : 17-03-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-03-17(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-03-18	2022-03-19	2022-03-20	2022-03-21	2022-03-22
Rainfall(mm)	0.0	0.0	1.0	1.0	0.0
Tmax(°C)	34.0	34.0	34.0	34.0	33.0
Tmin(°C)	26.0	26.0	25.0	25.0	25.0
RH-I(%)	87	88	92	92	90
RH-II(%)	37	48	45	48	45
Wind Speed(kmph)	7.3	7.5	7.7	7.6	7.7
Wind Direction(Degree)	244	248	248	248	248
Cloud cover(octa)	6	6	6	4	3

Weather Summary/Alert:

• Weather is very likely to be dry over the district on 17th, 18th & 21st March 2022 • Light rain very likely at isolated places on 19th & 20th March 2022 • No large change in maximum temperature for 4-5 days • Maximum & minimum temperatures are likely to be around 34°C & 26°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

SMS Advisory:

Due to increase in humidity and cloudiness, conditions are favorable for increase in pest and diseases during next 5 days. Hence farmers are advised to take suitable control measures

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 • Maintain water level in the field • Weeding should be done • Due to increase in humidity and cloudiness, conditions are favorable for increase in pest and diseases during next 5 days • Hence farmers are advised to take suitable control measures • 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 very light rainfall at isolated places during next 5 days , irrigation can be continued • Due to increase in humidity and cloudiness, conditions are favorable for increase in pests and diseases during next 5 days • Hence farmers are advised to take suitable control measures • 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 forecast of very light rainfall at isolated places during next 5 days , irrigation can be continued • Due to increase in humidity and cloudiness, conditions are favorable for increase in pests and diseases during next 5 days • Mulching of the tree basins with dry leaves or paddy straw should be done to conserve soil moisture • Provide shade to the young plants • Take control measures against Tea mosquito bug by apply neem-based insecticides • Take control measures against Cashew Stem and Root Borer (CSRB). If the incidence is noticed, remove the grubs from the holes with the help of 15 mm chisel and apply Chloropyrifos 20 EC @ 5 ml per liter of water on the stem (swabbing)

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COWPEA/ LOBIA	<ul style="list-style-type: none">• Due to forecast of very light rainfall at isolated places during next 5 days , irrigation• Due to increase in humidity and cloudiness, conditions are favorable for increase in pests and diseases during next 5 days• Hence farmers are advised to take suitable control measures• 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">• Due to forecast of very light rainfall at isolated places during next 5 days , irrigation can be continued• Due to increase in humidity and cloudiness, conditions are favorable for increase in pests and diseases during next 5 days• 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• To control anthracnose spraying of Carbendazim or Mancozeb @ 2g/litre of water can be done
MANGO	<ul style="list-style-type: none">• Due to forecast of very light rainfall at isolated places during next 5 days , irrigation can be continued• Due to increase in humidity and cloudiness, conditions are favorable for increase in pests and diseases during next 5 days• Mulching of the tree basins with dry leaves or paddy straw should be done to conserve soil moisture• Provide shade to the young plants• Farmers are suggested to take control measures against fruit flies. It can be controlled by use of fruit fly traps containing Methyl Euginol (0.1%) + Malathion (0.1%)
ARECANUT	<ul style="list-style-type: none">• Due to forecast of very light rainfall at isolated places during next 5 days , irrigation can be continued• Mulching of the tree basins with dry leaves or paddy straw should be done to conserve soil moisture• Provide shade to the young plants

Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	<ul style="list-style-type: none"> • Due to forecast of very light rainfall at isolated places during next 5 days , irrigation can be continued • Due to increase in humidity and cloudiness, conditions are favorable for increase in pests and diseases during next 5 days • Hence farmers are advised to take suitable control measures • Mulching of the tree basins with dry leaves or paddy straw should be done to conserve soil moisture • Provide shade to the young plants • 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 • The topmost leaf axils may be filled with powdered neem cake @ 250 g + fine sand (250g) per palm to control the rhinoceros beetles

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	<ul style="list-style-type: none"> • To protect animals from heat, cover the roof of the shed with paddy straw, coconut leaves and sprinkle the water on the roof of shed during afternoon time • Provide clean, hygienic and plenty amount of drinking water to animals

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
BIRD	<ul style="list-style-type: none"> • Provide feed at cooler parts of day i.e early morning and late evening • Increase the number of waterers and add electrolytes and vitamins such as vit A,E and C to maintain electrolyte balance