



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin
ICAR Central Coastal Agricultural Research Institute, Ela
North Goa



Agromet Advisory Bulletin

Date : 22-03-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-03-22(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-03-23	2022-03-24	2022-03-25	2022-03-26	2022-03-27
Rainfall(mm)	2.0	4.0	4.0	4.0	2.0
Tmax(°C)	33.0	34.0	32.0	33.0	33.0
Tmin(°C)	26.0	27.0	25.0	25.0	26.0
RH-I(%)	81	79	89	89	84
RH-II(%)	50	43	61	49	50
Wind Speed(kmph)	6.8	7.3	5.9	7.3	8.2
Wind Direction(Degree)	248	248	180	255	270
Cloud cover(octa)	4	6	7	6	5

Weather Summary/Alert:

• Light rain/Thundershowers very likely at isolated places on 22nd, 23rd, 24th & 25th March 2022 • Weather is very likely to be dry over the district on 26th March 2022 • Rise in minimum temperature by around 2°C after 24 hours, No large change thereafter. No large change in maximum temperature for 4-5 days. • Maximum & minimum temperatures are likely to be around 34°C & 27°C respectively • Thunderstorm accompanied with lightning and wind speed around 40 km/h very likely at isolated places on 23rd & 24th March 2022 • No weather warnings for the district on 22nd, 25th & 26th March 2022. Week 1 (18th Mar to 24th Mar) Maximum temperature is likely to be above normal • Minimum temperature is likely to be normal Week 2 (25th Mar to 31st Mar) • Rainfall amount is very likely to be large excess over the district • Maximum temperature is likely to be above normal • Minimum temperature is likely to be normal

General Advisory:

• Harvest the matured pods and fruits • Take precautions while drying the harvested grains

SMS Advisory:

Conditions are favorable for increase in pest and diseases during next 5 days, due to light rainfall. Hence farmers are advised to take suitable control measures

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
RICE	<ul style="list-style-type: none"> • Due to forecast of light rainfall, increase in humidity and cloudy conditions rainfall from 22nd to 26th March 2022 are favorable for increase in pest and diseases during next 5 days • Hence farmers are advised to take suitable control measures during the clear weather • Maintain water level in the field • 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, increase in humidity and cloudy conditions rainfall from 22nd to 26th March 2022 are favorable for increase in pest and diseases during next 5 days • Hence farmers are advised to take suitable control measures during the clear weather • 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 light rainfall during next 5 days, farmers are advised to harvest the matured and fallen fruits • Do not leave the harvested fruits/fallen fruits in the field • Due to forecast of light rainfall, increase in humidity and cloudy conditions rainfall from 22nd to 26th March 2022 are favorable for increase in pest and diseases during next 5 days • Hence farmers are advised to take suitable control measures during the clear weather • Hence farmers are advised to take suitable control measures • 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 light rainfall, increase in humidity and cloudy conditions from 22nd to 26th March 2022 • Farmers are advised to harvest the matured pods and take precautions while drying the harvested grains of cowpea • Conditions are favorable for increase in pest and diseases during next 5 days • Hence farmers are advised to take suitable control measures during the clear weather • 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 light rainfall, increase in humidity and cloudy conditions from 22nd to 26th March 2022 • Farmers are advised to harvest the matured fruits and take precautions while drying the red chillies • Conditions are favorable for increase in pest and diseases during next 5 days • Hence farmers are advised to take suitable control measures during the clear weather • 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 light rainfall, increase in humidity and cloudy conditions rainfall from 22nd to 26th March 2022 are favorable for increase in pest and diseases during next 5 days • Hence farmers are advised to take suitable control measures during the clear weather • 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%) • Possibility of Powdery mildew, Anthracnose, Sooty mold and hoppers • Spraying of Wettable sulphur 2g along with 0.3 ml Imidacloprid per litre of water is suggested

Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	<ul style="list-style-type: none"> • Due to forecast of light rainfall, increase in humidity and cloudy conditions rainfall from 22nd to 26th March 2022 are favorable for increase in pest and diseases during next 5 days • Hence farmers are advised to take suitable control measures during the clear weather • 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"> • Due to forecast of thundershowers, keep the animals indoor • Periodic checking up of animals and birds health should be done • Provide clean, hygienic and plenty amount of drinking water to animals