



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



## Agromet Advisory Bulletin

Date : 03-04-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-04-03(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-04-04	2023-04-05	2023-04-06	2023-04-07	2023-04-08
Rainfall(mm)	0.0	0.0	0.0	0.0	4.0
Tmax(°C)	32.0	32.0	33.0	34.0	35.0
Tmin(°C)	21.0	21.0	22.0	23.0	23.0
RH-I(%)	77	85	85	77	72
RH-II(%)	30	31	32	40	49
Wind Speed(kmph)	10.0	8.0	9.0	8.0	10.0
Wind Direction(Degree)	292	225	158	255	68
Cloud cover(octa)	2	1	1	2	2

### Weather Summary/Alert:

Weather Inference • The north-south trough/wind discontinuity from north Chhattisgarh to south interior Tamil Nadu now runs from Vidarbha to south Tamil Nadu across Marathwada and interior Karnataka at 0.9 km above mean sea level. Weather Summary/ Alert • Weather is very likely to be dry during next 5 days • Haze likely in the morning at isolated places on 03rd & 04th April 2023 • Light rain/Thundershowers very likely at isolated places on 07th April 2023 • No Large Change in maximum temperature for 3 days, rise by 1-2°C in subsequent 2 days • Maximum & minimum temperatures are likely to be around 32°C & 21°C respectively Extended range forecast Week 1 ( March 31st – April 6th ) • Rainfall is very likely to be large deficient • Maximum temperature is likely to be 0-2°C lower than normal • Minimum temperature is likely to be 0-4°C lower than normal Week 2 ( April 7th – April 13th ) • Rainfall is very likely to be large excess • Maximum temperature is likely to be 0-2°C lower than normal • Minimum temperature is likely to be 0-2°C lower than normal

### General Advisory:

• Provide irrigation to the young plants and trees in orchards and gardens • Take up the control measures for the pest and diseases • Provide sufficient water and feed for the livestock and poultry birds

### SMS Advisory:

• Take control measures against gundhi bug in rabi paddy

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Weather is likely to be dry during next 5 days. Hence water level should be maintained upto 5cm in the paddy fields • To control gundhi bug - Egg masses, nymph and adults can be collected (hand or using hand nets) and destroyed. Removal of grasses near the paddy fields • Possibility of incidence leaf folders in paddy. To control leaf folder in rabi paddy, hence early clipping of infested leaf tips along with removal of other weeds is recommended
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

Crop(Varieties)	Crop Specific Advisory
	can be kept in the field for better monitoring of these sucking pests

### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COWPEA/ LOBIA	• Weather is likely to be dry during next 5 days.Hence farmers can harvest matured pods
MANGO	• Weather is likely to be dry during next 5 days. Irrigate the orchards at 7 to 10 days interval • Mulching of the tree basins should be done with the paddy straw or green/dried leaves to conserve moisture • If Outbreak of fruit flies observed fallen fruits should be collected and destroyed and in order to avoid more incidence of fruit flies • It can also be controlled by use of fruit fly traps containing Methyl Eugenol (0.1%) + Malathion (0.1%) • 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 and also sun scorching during bright sunshine hours
CASHEW	• Weather is likely to be dry during next 5 days. Irrigate the orchards at 7 to 10 days interval • Mulching of the tree basins should be done with the paddy straw or green/dried leaves to conserve moisture • 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 Chlorpyrifos 20 EC @ 5 ml per liter of water on the stem (swabbing)
COCONUT	• Mulching of the tree basins should be done with the paddy straw or green/dried leaves to conserve moisture • 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
ARECANUT	• Mulching of the tree basins should be done with the paddy straw or green/dried leaves to conserve moisture • Irrigation can be given to arecanut palms in sandy soils at 4 days interval in basin method or daily through drip irrigation

### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	• Protect animals and from heat by covering roof of the shed with paddy straw, coconut leaves • 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	• As temperature rises beyond 30°C, the feed intake declines at an increasing rate. Hence provide feed at cooler parts of day i.e early morning and late evening. • Provide adequate ventilation suitably in humid climates as birds can not sweat. • Cleaning of nets in sidewalls and air inlets for proper air flow in poultry house. • Reduce stocking densities or provide more floor space/bird