



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



## Agromet Advisory Bulletin

Date : 04-08-2023

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

Parameter	2023-08-05	2023-08-06	2023-08-07	2023-08-08	2023-08-09
Rainfall(mm)	15.0	12.0	10.0	10.0	5.0
Tmax(°C)	31.0	31.0	31.0	32.0	32.0
Tmin(°C)	24.0	25.0	25.0	25.0	25.0
RH-I(%)	89	89	90	89	89
RH-II(%)	81	74	76	78	74
Wind Speed(kmph)	13	14	14	14	14
Wind Direction(Degree)	249	257	249	252	270
Cloud cover(octa)	6	3	7	6	7

### Weather Summary/Alert:

Weather Summary • As per the forecast from MC Goa, light to moderate rainfall very likely at most places during next 5 days. Maximum & minimum temperatures are likely to be around 31°C & 25°C respectively Warning • No weather warning for next 5 days. Extended range forecast • Week 1 (August 04th – August 10th) Rainfall is very likely to be normal Maximum temperature is likely to be 0-2°C higher than normal Minimum temperature is likely to be 0-2°C higher than normal • Week 2 (August 11th – August 17th) Rainfall is very likely to be excess Maximum temperature is likely to be 0-2°C lower than normal Minimum temperature is likely to be 0-2°C higher than normal

### General Advisory:

• Drain out excess water from the fields • Cloudy weather and rainfall may favorable for pest and disease incidence. Hence suitable control measures can be taken up when rainfall intensity is low

### SMS Advisory:

• Due to cloudy weather, rainfall and tillering stage of paddy crop possibility of case worm and blast disease. Suitable control measures can be taken up

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• There is a forecast of light to moderate forecast during next 5 days. Hence, drain out excess water from the paddy fields • Maintain optimum water level of 2.5 to 5 cm in the fields • Apply second dose of fertilizer (Urea – 58.2 kg/ha) • Due to cloudy weather, rainfall and tillering stage of crop possibility of case worm. Hence dislodge the cases by passing a rope and then drain water, collect the cases and destroy. Also

Crop(Varieties)	Crop Specific Advisory
	Cartap hydrochloride 50%, 12gm/10 liters of water can be sprayed during rainfall intensity is low • Due to cloudy weather and rainfall possibility of blast disease in paddy. To control the disease, spray Tricyclazole (2g per litre of water) when rainfall is low

### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BITTER GOURD	• Drain out excess water from the fields • Provide proper staking to cucurbitaceous vegetables • Weeds should be removed from the fields
MANGO	• Drain out excess water from the orchards • Due to cloudy weather and rainfall, there is a possibility of anthracnose in mango trees. Hence spraying of Carbendazim@ 2 g per 1 liter of water is recommended to protect the new flushing in mango from the incidence of anthracnose during less rainfall intensity
CASHEW	• Drain out excess water from the orchards • Due to cloudy weather and rainfall, possibility of incidence of cashew stem and root borer. Hence take up the control measure for CSR during anthracnose during rainfall intensity is less • Remove dead trees and trees beyond recovery at least once in 6 months may reduce the spread of stem and root borer infestation. • Mechanical removal of the immature stages (grubs) of the pest during initial stages of infestation. • Treat the infested trees trunk region up to one meter height from the ground level and on exposed roots with Fipronil @ 2 ml in one litre of water or Imidacloprid 2ml/litre of water. • If fresh infestation occurs repeat the treatment after 30-45 days.
COCONUT	• Drain out excess water from the coconut gardens • Due to cloudy weather and rainfall, possibility of incidence of but rot • Remove all the dead palms and palms beyond recovery • Spray 1% Bordeaux mixture to the crowns of the trees as a prophylactic measure for bud rot management during rainfall intensity is less • Apply 10% Bordeaux paste to the wounds / cut end. Cover the treated bud with protective covering till the normal shoot emerges during monsoon season for bud rot.
ARECANUT	• Drain out excess water from the arecanut gardens • Due to cloudy weather and rainfall, possibility of incidence of fruit rot • Cover the areca bunches with polythene covers (125–200-gauge 24 x 30 inches) • Hence spraying of 1% Bordeaux mixture is recommended during rainfall intensity is less
BLACK PEPPER	• Due to cloudy weather and rainfall, possibility of incidence of pepper wilt. • Provide adequate drainage to prevent water logging during the monsoon season • Remove and destroy severely diseased vines along with the root system from the plantation • Collect planting material from disease free gardens and from the nursery preferably raised in fumigated soil • Soil drenching or spraying with 1% Bordeaux mixture is recommended during rainfall intensity is less

### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	• There is forewarning of Theileriosis in cattle, for the month of August • 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 colored urine

### Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
CARP	<ul style="list-style-type: none"> <li>• The water level in the pond should be maintained at 2 to 2.5 m letting the excess water drain out</li> <li>• Stocking of carp fish fingerlings (80-100 mm) @5000-7000 no/ha may be followed based on the seed availability</li> <li>• Feeding of groundnut oil cake: Wheat bran (1:1) ratio at 5-6% of total biomass of the Stock (Total weight of stock) may be followed</li> <li>• Net fences may be provided around the bunds if any issue of wild aquatic animals (crocodiles, otters)</li> </ul>

#### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
BIRD	<ul style="list-style-type: none"> <li>• Prevent the feed ingredients from getting wet, and the amount of feed should not be too much</li> <li>• The compound feed in the house should be placed on the platform above the ground to prevent the feed from regaining moisture</li> <li>• Regular checking of feeders to avoid fungus contamination</li> <li>• Provide your birds with warm water periodically during this rainy season to encourage consumption and help them keep warm without using up energy reserved in the process</li> <li>• Supplementary feeding should be given to the scavenging birds in backyard</li> </ul>