



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



Agromet Advisory Bulletin

Date : 18-08-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-08-18(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2023-08-19 | 2023-08-20 | 2023-08-21 | 2023-08-22 | 2023-08-23 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 18.0 | 15.0 | 15.0 | 13.0 | 10.0 |
| Tmax(°C) | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 |
| Tmin(°C) | 24.0 | 24.0 | 24.0 | 24.0 | 24.0 |
| RH-I(%) | 91 | 90 | 91 | 91 | 89 |
| RH-II(%) | 68 | 73 | 66 | 65 | 63 |
| Wind Speed(kmph) | 10 | 7 | 8 | 8 | 8 |
| Wind Direction(Degree) | 290 | 290 | 289 | 290 | 292 |
| Cloud cover(octa) | 8 | 8 | 3 | 2 | 4 |

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 & 24°C respectively Warning • No weather warning for next 5 days. Extended range forecast • Week 1 (August 18th – August 24th) Rainfall is very likely to be deficient 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 25th – August 31st) 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:

• Take up weed management practices • 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:

• Take control measures against cashew shoot and root borer

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 |
|-------------------------|--|
| CUCUMBER | <ul style="list-style-type: none"> • Drain out excess water from the fields • Provide proper staking to cucurbitaceous vegetables • Weeds should be removed from the fields • Possibility of fruit flies in cucurbitaceous vegetables. Hence pheromone traps can be effectively used to control fruit flies. Mix Ethyl Alcohol (60 ml) + p – Acetoxyphenyl butanone (40 ml) + Dichlorvos (20ml) for preparation of traps . Around 10-12 traps / acre is recommended. |
| MANGO | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 |

