



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



Agromet Advisory Bulletin

Date : 22-08-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-08-22(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-08-23	2023-08-24	2023-08-25	2023-08-26	2023-08-27
Rainfall(mm)	2.0	2.0	5.0	5.0	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(%)	89	90	89	90	91
RH-II(%)	63	65	65	63	66
Wind Speed(kmph)	9	8	7	7	6
Wind Direction(Degree)	292	292	244	165	158
Cloud cover(octa)	6	8	8	8	8

Weather Summary/Alert:

Weather Summary • As per the forecast from MC Goa, light to moderate rainfall very likely at a few places on 22nd & 23rd August 2023. Light to Moderate rainfall very likely at most places on 24th, 25th, 26th, 27th & 28th August 2023. 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 paddy pest and diseases

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 and leaf folder.

Crop(Varieties)	Crop Specific Advisory
	Hence dislodge the cases by passing a rope and then drain water, collect the cases and destroy. Also 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

Live Stock(Varieties)	Live Stock Specific Advisory
	of ticks • Farmers should approach veterinary hospitals in case of animals showing fever and coffee colored urine