



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



Agromet Advisory Bulletin

Date : 10-10-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-10-10(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-10-11	2023-10-12	2023-10-13	2023-10-14	2023-10-15
Rainfall(mm)	7.0	2.0	4.0	2.0	5.0
Tmax(°C)	33.0	33.0	33.0	33.0	33.0
Tmin(°C)	25.0	25.0	25.0	25.0	25.0
RH-I(%)	91	86	84	85	87
RH-II(%)	58	53	57	48	57
Wind Speed(kmph)	6	5	6	5	4
Wind Direction(Degree)	72	71	63	79	90
Cloud cover(octa)	2	8	7	7	3

Weather Summary/Alert:

Weather Summary • Light rainfall is very likely at isolated places over the districts on 10th October 2023 • Weather is likely to be dry over the districts on 11th, 12th & 13th October 2023. • Light to moderate rain very likely at isolated places on 14th, 15th and 16th October 2023 • Maximum & minimum temperatures are likely to be around 33°C & 25°C respectively Warning • No weather warning for next 5 days Extended range forecast • Week 1 (October 06th - October 12th) 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 lower than normal • Week 2 (October 13th - October 19th) Rainfall is very likely to be excess Maximum temperature is likely to be 0-2°C higher than normal Minimum temperature is likely to be 0-2°C higher than normal

General Advisory:

• Take up weed management practices

SMS Advisory:

• Due to forecast of dry weather during next 3 days, farmers can take control measures against pest and diseases

**Crop Specific Advisory:
 Horticulture Specific Advisory:**

Crop(Varieties)	Crop Specific Advisory
Horticulture(Varieties)	
RICE	Drain out the water from the paddy field 8 to 10 days before harvesting • Do not apply any insecticides/fungicides on the opening operation
MANGO	In old mango orchards can be carry out which increase penetration of sunlight and result in increase in flowering and decrease in pest incidence • Due to cloudy weather and light rainfall there is

Horticulture Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
Horticulture(Varieties)	Horticulture Specific Advisory
RICE	Drain out the water from the paddy field 8 to 10 days before harvesting • Do not apply any insecticides or fungicides on the paddy operation
MANGO	Increase penetration of sunlight and result in increase in flowering and decrease in pest incidence • Due to cloudy weather and light rainfall there is possibility of incidence of hoppers on vegetative flush of mango, spray two rounds of Imidacloprid 0.2ml/lit of water • First spray at the time of panicle emergence, second spray two weeks spray
CASHEW	• Due to cloudy weather and light rainfall, possibility of incidence of cashew stem and root borer and Tea mosquito bug. Hence take up the control measure rainfall intensity is less • For Tea mosquito bug infestation, lambda cyhalothrin 5% @ 6 ml. Spray in 10 liters of water can be done • 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	• Due to cloudy weather and light rainfall, possibility of incidence of bud 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	• Due to cloudy weather and light 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	• 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 • Full dose of fertilizers, DAP – 0.12 kg, Urea – 0.26 kg, MOP – 0.45 kg, Zn - 0.05 kg, Boron - 0.05 kg per tree can be applied in the month of October

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	• 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 • Supplementation of Perrineal Napier grass, Subabul, and Moringa leaves with traditional feed for enriching the quality of ration. • Dry fodder like paddy straw and sorghum Stover may be enriched with urea or molasses and salt to enhance the digestibility in large ruminants

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
BIRD	• Deworming of backyard poultry with any broad spectrum deworming drug is advised before onset of winter as per veterinary advice and prevalence of parasitic diseases in the area • The moisture and quality of the litter materials in poultry shed need to be maintained to prevent coccidiosis infestation • Avoid water logging near the poultry houses to avoid flies/mosquitos and keep the houses dry and clean and well ventilated with weekly turning of litter materials