



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



Agromet Advisory Bulletin

Date : 13-10-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-10-13(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-10-14	2023-10-15	2023-10-16	2023-10-17	2023-10-18
Rainfall(mm)	1.0	3.0	5.0	5.0	1.0
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	89	85	87	85
RH-II(%)	49	52	52	50	51
Wind Speed(kmph)	6	6	5	6	6
Wind Direction(Degree)	105	68	72	63	68
Cloud cover(octa)	8	3	4	3	4

Weather Summary/Alert:

Weather Summary • Light rain very likely at isolated places on 13th, 14th, 15th, and 16th October 2023. • Weather is very likely to be dry on 17th, 18th and 19th 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 13th - October 19th) 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 (October 20th - October 26th) 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 lower than normal

General Advisory:

• Take up weed management practices

SMS Advisory:

• Harvest the paddy crop, but don't leave it in the open field. Store it safely to dry the grain after threshing

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Harvest the paddy crop, but don't leave it in the open field. Store it safely to dry the grain after threshing
MANGO	• In old mango orchard, center opening operation 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 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 periodic

Crop(Varieties) Horticulture(Varieties)	Crop Specific Advisory Horticulture Specific Advisory
RICE	<ul style="list-style-type: none"> Harvest the paddy crop, but don't leave it in the open field. Store it safely to dry the grain after threshing In old mango orchard, center opening operation 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 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
MANGO	<ul style="list-style-type: none"> 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 when no rainfall 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	<ul style="list-style-type: none"> Due to cloudy weather and light 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 when no rainfall 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"> 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 when no rainfall
BLACK PEPPER	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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