



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



Agromet Advisory Bulletin

Date : 03-10-2023

Weather Forecast of NORTH-GO(AGoa) Issued On : 2023-10-03(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-10-04	2023-10-05	2023-10-06	2023-10-07	2023-10-08
Rainfall(mm)	3.0	10.0	1.0	1.0	1.0
Tmax(°C)	31.0	31.0	32.0	32.0	32.0
Tmin(°C)	23.0	23.0	24.0	24.0	24.0
RH-I(%)	94	94	94	94	96
RH-II(%)	67	85	75	77	71
Wind Speed(kmph)	6	5	5	5	6
Wind Direction(Degree)	290	240	243	243	243
Cloud cover(octa)	8	8	7	5	3

Weather Summary/Alert:

Weather Summary • Light rain very likely at a few places over the districts on 3rd & 4th October 2023 • Light rain very likely at isolated places over the districts on 5th, 6th, 7th, 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 (September 28th – October 05th) Rainfall is very likely to be large 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 • Week 2 (October 06th - October 12th) 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 • Take up weed management practices

SMS Advisory:

• There is possibility of incidence of hoppers on vegetative flush of mango, spray two rounds of Imidacloprid 0.2ml/lit of water

Crop Specific Advisory:

Crop(Varieties) Horticulture(Varieties)	Crop Specific Advisory Horticulture Specific Advisory
RICE	Drain out the water from the paddy field 8 to 10 days before harvesting • Do not apply any insecticides/fungicides on the matured rice crop
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 increase in temperature and humidity 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 penicla

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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 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	<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"> 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 wilts. 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 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 September - 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:

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BIRD	<ul style="list-style-type: none"> the poultry houses to avoid flies/mosquitos and keep the houses dry and clean and well ventilated with weekly turning of litter materials 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

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