



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



Agromet Advisory Bulletin

Date : 21-09-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-09-21(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-09-22	2023-09-23	2023-09-24	2023-09-25	2023-09-26
Rainfall(mm)	10.0	15.0	15.0	25.0	28.0
Tmax(°C)	32.0	32.0	32.0	31.0	31.0
Tmin(°C)	24.0	24.0	24.0	24.0	24.0
RH-I(%)	93	93	90	93	95
RH-II(%)	70	70	66	65	78
Wind Speed(kmph)	7	6	6	6	7
Wind Direction(Degree)	281	158	248	158	158
Cloud cover(octa)	6	8	8	8	8

Weather Summary/Alert:

• Light to Moderate rainfall very likely at most places over the district during next 5 days • Maximum & minimum temperatures are likely to be around 31°C & 24°C respectively • Thunderstorm with lightning and gusty winds to 30-40 kmph very likely at isolated places on 21st September 2023. • Heavy rainfall very likely at isolated places on 21th, 24th & 25th September 2023. • No weather warnings on 22nd & 23rd September 2023. • Week 1 (September 15th – September 21st) 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 (September 22nd – September 28th) 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

General Advisory:

• Maintain the water level in the paddy fields • Make arrangements to drain out excess water from the fields

SMS Advisory:

• There is a forecast of Thunderstorm with lightning at isolated places on 21th September 2023, hence take precautions while moving out

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• There is a forecast of light to moderate rainfall forecast during next 5 days. Hence maintain the water level in the field • Keep the field and bunds free of weeds and grasses • Application of third split of fertilizer, Urea - 58 kg/ha can be done at panicle

Crop(Varieties)	Crop Specific Advisory
	initiation to flowering stage • Due to cloudy weather, rainfall, possibility of case worm and leaf folder. 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 • Possibility of gundhi bug in paddy, hence egg masses, nymph and adults can be collected (hand or using hand nets) and destroyed

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	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	• 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	• 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	• 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	• 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	• There is forewarning of very high risk of Babesiosis, for North Goa in the month of September 2023 • 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. • FMD vaccine during month of September • Dry

Live Stock(Varieties)	Live Stock Specific Advisory
	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