



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



Agromet Advisory Bulletin

Date : 18-09-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-09-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-09-19	2023-09-20	2023-09-21	2023-09-22	2023-09-23
Rainfall(mm)	20.0	17.0	10.0	10.0	25.0
Tmax(°C)	31.0	31.0	32.0	32.0	31.0
Tmin(°C)	25.0	25.0	25.0	24.0	24.0
RH-I(%)	93	94	93	92	93
RH-II(%)	73	67	68	68	70
Wind Speed(kmph)	7	7	7	7	7
Wind Direction(Degree)	248	165	248	161	158
Cloud cover(octa)	7	6	7	8	8

Weather Summary/Alert:

Weather Summary • Light to Moderate rainfall very likely at most places over the district during next 5 days • Maximum & minimum temperatures are likely to be around 32°C & 24°C respectively Warning • Heavy rainfall very likely at isolated places over the district on 18th September 2023 • No weather warning for next 4 days Extended range forecast • 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

SMS Advisory:

- Take control measures against paddy gundhi bug

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	<ul style="list-style-type: none"> • 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 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	<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 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"> • 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 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"> • 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 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