



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



Agromet Advisory Bulletin

Date : 13-11-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-11-13(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-11-14	2023-11-15	2023-11-16	2023-11-17	2023-11-18
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	34.0	34.0	34.0	34.0	34.0
Tmin(°C)	23.0	23.0	23.0	23.0	23.0
RH-I(%)	65	68	71	77	64
RH-II(%)	42	45	44	46	38
Wind Speed(kmph)	7	7	7	7	8
Wind Direction(Degree)	81	75	70	60	70
Cloud cover(octa)	7	8	3	4	3

Weather Summary/Alert:

• Weather is very likely to be dry during next 5 days • No large change in minimum temperature during next 4-5 days • Haze/shallow fog likely at isolated places in the morning on 13, 14 November • Maximum & minimum temperatures are likely to be around 34°C & 23°C respectively • No weather warning for next 5 days • Week 1 (November 03rd – November 09th) Rainfall is very likely to large 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 • Week 2 (November 10th – November 16th) 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 higher than normal

General Advisory:

• Take weed management practices and mulching of the tree basin to conserve moisture • Provide irrigation to young plants /seedlings

SMS Advisory:

• Take control measures against rugose spiraling whitefly in coconut

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Considering the forecast of dry weather for next 5 days • Farmers are suggested to complete the harvesting of Kharif paddy • After threshing and drying, store paddy in proper storage structures • Take precautions to avoid infestation by the stored grain

Crop(Varieties)	Crop Specific Advisory
	insects and the fungal infections • Use of locally available organic insect repellants like neem, tirphal, etc, to prevent damage from insect and rats are also suggested

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	• Nursery preparation for rabi vegetables like chilli and brinjal can be started • Seed treatment with Trichoderma viride @10g/kg or Pseudomonas fluorescence @ 10g/kg of seed should be done to avoid seed rot and damping off of seedlings
MANGO	• Due to forecast of dry weather, control measures against mango hoppers can be taken • Spray two rounds of Imidacloprid 0.2ml/lit of water • First spray at the time of panicle emergence, second spray two weeks spray • Take weed management practices
CASHEW	• Due to forecast of dry weather, control measures against cashew pests can be taken • Take weed management practices and mulching of the tree basin to conserve moisture • 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 tree 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 forecast of dry weather, control measures against rugose spiraling whitefly can be taken • Take weed management practices and mulching of the tree basin to conserve moisture • Circular basins of 1.8m in radius and 25 cm depth may be dug and green leaf or compost or farm yard manure may be spread in the basin • Possibility of incidence of rugose spiraling whitefly • In juvenile palms, spraying of water with jet speed could dislodge the whitefly and reduce the feeding as well as breeding potential of the pest • Installation of yellow sticky traps • In severe cases, spray only neem oil 0.5% or NSKE 5% and avoid spraying any form of insecticides
ARECANUT	• Mulching of palm basins can be undertaken • Palms exposed to south western sun may require protection against sun- scorch and consequent stem breaking. In such cases green portions of the stem may be covered with areca leaf sheaths or opaque polythene film

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	• Provide adequate feed and water for the livestock • Periodical application of acaricides in and around cattle shed is necessary for effective control of ticks