



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



Agromet Advisory Bulletin

Date : 28-11-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-11-28(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-11-29	2023-11-30	2023-12-01	2023-12-02	2023-12-03
Rainfall(mm)	1.0	1.0	1.0	0.0	0.0
Tmax(°C)	34.0	34.0	34.0	34.0	34.0
Tmin(°C)	25.0	25.0	25.0	25.0	25.0
RH-I(%)	83	85	84	82	66
RH-II(%)	50	51	48	48	38
Wind Speed(kmph)	7	8	7	7	7
Wind Direction(Degree)	252	75	71	79	71
Cloud cover(octa)	1	1	4	5	6

Weather Summary/Alert:

• Light to moderate rain/thundershowers likely at isolated places on 28 November • Light rain/thundershowers likely at isolated places on 29 & 30 November • Weather is very likely to be dry on 01, 02, 03 & 04 December • Haze/ shallow fog likely at isolated places on 28 & 29 November • No large change in minimum temperature for next 4-5 days • Maximum & minimum temperatures are likely to be around 34°C & 25°C respectively • Thunderstorms accompanied with lightning likely at isolated places on 28 November • No weather warnings on 29, 30 Nov, 01 & 02 December 2023 • Week 1 (November 24th – November 30th) 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 (December 01st – December 07th) 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 lower than normal

General Advisory:

• Due to the forecast of thunderstorms and lightning, take precautions while moving out and working in fields • Use damini app for thunderstorms and lightning alerts

SMS Advisory:

• Land preparation can be done for sowing of rabi crops

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COWPEA/ LOBIA	• Land preparation for the sowing of cowpea can be done • Sowing can be done from November last week to January first week • Apply FYM @ 5-

Horticulture(Varieties)	Horticulture Specific Advisory
	10t/ha as basal with the last ploughing • Apply 108.7kg/ha – DAP, 11.81kg/ha – Urea, 50kg/ha - MOP, 23.81kg/ha - Zinc sulphate heptahydrate, 19.05kg/ha – Borax, at the time of sowing preferably in the planting lines • Alsando-1, Nadora Bardez-4, and ICAR-CCARI released high yielding and bold cowpea variety (Goa cowpea-3) can be used for sowing • Seed treatment with Trichoderma viride @10g/kg or Pseudomonas fluorescens @ 10g/kg of seed or Carbendazim or Thiram 2g/kg is suggested before sowing
CHILLI	• Nursery preparation for rabi vegetables like chilli and brinjal can be started • 1.0 -1.5 kg seeds sown in an area of three cents is required to rise seedlings to planting one hectare • Care should be taken to avoid eating away of seeds by ants • 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	• Control measures against mangooppers 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	• Take weed management practices and mulching of the tree basin to conserve moisture • Control measures against cashew pests can be taken • 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	• Take weed management practices and mulching of the tree basin to conserve moisture • Control measures against rugose spiraling whitefly can be taken • 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	• Take weed management practices and mulching of the tree basin to conserve moisture • 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	• Ensure animals are indoors during thunderstorms and lightning • Provide adequate feed and water for the livestock • Periodical application of acaricides in and around cattle shed is necessary for effective control of ticks