



Agromet Advisory Bulletin

Date : 08-12-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-12-08(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-12-09	2023-12-10	2023-12-11	2023-12-12	2023-12-13
Rainfall(mm)	0.0	7.0	5.0	0.0	0.0
Tmax(°C)	34.0	34.0	34.0	34.0	34.0
Tmin(°C)	22.0	22.0	22.0	22.0	22.0
RH-I(%)	75	74	83	73	68
RH-II(%)	41	49	50	44	39
Wind Speed(kmph)	6	6	6	6	7
Wind Direction(Degree)	71	112	101	68	75
Cloud cover(octa)	3	4	4	6	2

Weather Summary/Alert:

• Light to moderate rain/thundershowers on 9th December 2023 at isolated places • Light to moderate rain/thundershowers on 10th December 2023 at isolated places • Light rain on 11th December 2023 at isolated places • Weather is very likely to be dry on 08 & 12 December 2023

General Advisory:

• Land preparation and sowing of rabi crops can be done

SMS Advisory:

Seed treatment with Trichoderma viride @10g/kg or Pseudomonas fluorescens @ 10g/kg of seed or Carbendazim or Thiram 2g/kg is suggested before sowing cowpea

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE	• Rabi paddy nursery preparation can be taken done • Well decomposed FYM and green manure crops can be incorporated during ploughing

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
COWPEA/ LOBIA	• Land preparation and sowing of cowpea can be done • Sowing can be done up to January first week • Apply FYM @ 5- 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
MANGO	• Due to cloudy weather and rain, possibility of incidence of pest and disease in mango • For mango hoppers - Spray two rounds of Imidacloprid 0.2ml/lit of water • First spray at the time of panicle emergence, second spray two weeks spray • For anthracnose – Spray carbendazim 0.1% at 14 days interval is recommended for managing disease • For powdery mildew – The prophylactic spray of wettable Sulphur (0.2 %) or carbendazim (0.1 %) at the time of flowering and subsequent spray after fortnight will greatly help in reducing the incidence • 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

Live Stock Specific Advisory:

Live Stock (Stage)	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 • Dairy farmers are advised

Live Stock (Stage)	Live Stock Specific Advisory
	to do first deworming of their calves at one month age • Adult cows are advised to do deworming thrice a year