



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin
ICAR Central Coastal Agricultural Research Institute, Ela
North Goa



Agromet Advisory Bulletin

Date : 21-11-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-11-21(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-11-22	2023-11-23	2023-11-24	2023-11-25	2023-11-26
Rainfall(mm)	0.0	0.0	2.0	25.0	35.0
Tmax(°C)	34.0	34.0	34.0	34.0	34.0
Tmin(°C)	23.0	22.0	22.0	22.0	22.0
RH-I(%)	62	67	79	87	86
RH-II(%)	33	43	44	57	64
Wind Speed(kmph)	8	8	7	8	8
Wind Direction(Degree)	70	71	79	112	79
Cloud cover(octa)	3	7	6	8	7

Weather Summary/Alert:

• Weather is very likely to be dry over the district on 21 & 22 November • Haze/ shallow fog likely in the morning at isolated places on 21 & 22 November • Light to moderate rain/thundershowers very likely at isolated places on 23 & 27 November • Light to moderate rain/thundershowers very likely at a few places on 24, 25 & 26 November • No large change in minimum temperature for next 4-5 days • Maximum & minimum temperatures are likely to be around 34°C & 23°C respectively • No weather warnings on 21 & 22 Nov 2023 • Thunderstorm accompanied with lightning and winds gusting to 30-40 kmph very likely at isolated places over the district on 23, 24 & 25 November

General Advisory:

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

SMS Advisory:

• Be cautious when venturing outside and working in the fields during thunderstorms and lightning

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	<ul style="list-style-type: none"> Considering the forecast of rainfall from 23rd November 2023, it's essential to be cautious during the drying and storage of harvested paddy Preventing infestation by stored grain insects and fungal infections is crucial. Consider using locally available organic insect repellants such as neem, tirphal, etc., to safeguard against damage from insects and rats

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COWPEA/ LOBIA	<ul style="list-style-type: none"> Land preparation for the sowing of cowpea can be done Sowing can be done from November last week to January first week Apply FYM @ 5-10t/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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Considering the forecast of rainfall from 23rd to 27th November 2023, avoid the spraying of plant protection chemicals 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	<ul style="list-style-type: none"> Considering the forecast of rainfall from 23rd to 27th November 2023, avoid the spraying of plant protection chemicals 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	<ul style="list-style-type: none"> Considering the forecast of rainfall from 23rd to 27th November 2023, avoid the spraying of plant protection chemicals 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

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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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