



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



## Agromet Advisory Bulletin

Date : 17-11-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-11-17(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-11-18	2023-11-19	2023-11-20	2023-11-21	2023-11-22
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	33.0	33.0	33.0	34.0	34.0
Tmin(°C)	23.0	23.0	23.0	23.0	23.0
RH-I(%)	67	71	74	87	86
RH-II(%)	37	40	46	53	57
Wind Speed(kmph)	7	7	7	8	7
Wind Direction(Degree)	70	75	71	70	79
Cloud cover(octa)	3	5	8	8	7

### Weather Summary/Alert:

Weather Summary • Weather is very likely to be dry during next 5 days • Haze/shallow fog likely in the morning at isolated places on 17 & 18 November • No large change in minimum temperature for next 4-5 days. • Maximum & minimum temperatures are likely to be around 33°C & 23°C respectively  
Warning • No weather warning for next 5 days Extended range forecast • Week 1 (November 17th – November 23rd) 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 • Week 2 (November 24th – November 30th) Rainfall is very likely to be deficient Maximum temperature is likely to be 0-2°C lower 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:

• Considering the forecast of dry weather for next 5 days, land preparation for sowing rabi crops such as cowpea and vegetables can be started

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	<ul style="list-style-type: none"> <li>• Considering the forecast of dry weather for next 5 days • Once the threshing and drying processes are complete, ensure that paddy is stored in proper storage structures</li> <li>• Take precautions to avoid infestation by the stored grain insects and the fungal</li> </ul>

Crop(Varieties)	Crop Specific Advisory
	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
COWPEA/ LOBIA	<ul style="list-style-type: none"> <li>• Land preparation for the sowing of cowpea can be done</li> <li>• Sowing can be done from November last week to January first week</li> <li>• Apply FYM @ 5-10t/ha as basal with the last ploughing</li> <li>• 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</li> <li>• Alsando-1, Nadora Bardez-4, and ICAR-CCARI released high yielding and bold cowpea variety (Goa cowpea-3) can be used for sowing</li> <li>• Seed treatment with Trichoderma viride @10g/kg or Pseudomonas fluorescens @ 10g/kg of seed or Carbendazim or Thiram 2g/kg is suggested before sowing</li> </ul>
CHILLI	<ul style="list-style-type: none"> <li>• Nursery preparation for rabi vegetables like chilli and brinjal can be started</li> <li>• 1.0 -1.5 kg seeds sown in an area of three cents is required to rise seedlings to planting one hectare</li> <li>• Care should be taken to avoid eating away of seeds by ants</li> <li>• 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</li> </ul>
MANGO	<ul style="list-style-type: none"> <li>• Due to forecast of dry weather, provide irrigation to young plants/seedlings</li> <li>• Control measures against mango hoppers can be taken</li> <li>• Spray two rounds of Imidacloprid 0.2ml/lit of water</li> <li>• First spray at the time of panicle emergence, second spray two weeks spray</li> <li>• Take weed management practices</li> </ul>
CASHEW	<ul style="list-style-type: none"> <li>• Due to forecast of dry weather, provide irrigation to young plants/seedlings</li> <li>• Take weed management practices and mulching of the tree basin to conserve moisture</li> <li>• Control measures against cashew pests can be taken</li> <li>• For Tea mosquito bug infestation, lambda cyhalothrin 5% @ 6 ml spray in 10 liters of water can be done</li> <li>• Remove dead trees and trees beyond recovery at least once in 6 months may reduce the spread of stem and root borer infestation.</li> <li>• Mechanical removal of the immature stages (grubs) of the pest during initial stages of infestation.</li> <li>• 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</li> <li>• If fresh infestation occurs repeat the treatment after 30-45 days.</li> </ul>
COCONUT	<ul style="list-style-type: none"> <li>• Due to forecast of dry weather, provide irrigation to young plants/seedlings</li> <li>• Take weed management practices and mulching of the tree basin to conserve moisture</li> <li>• Control measures against rugose spiraling whitefly can be taken</li> <li>• 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</li> <li>• Possibility of incidence of rugose spiraling whitefly</li> <li>• 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</li> <li>• Installation of yellow sticky traps</li> <li>• In severe cases, spray only neem oil 0.5% or NSKE 5% and avoid spraying any form of insecticides</li> </ul>
ARECANUT	<ul style="list-style-type: none"> <li>• Due to forecast of dry weather, provide irrigation to young plants/seedlings</li> <li>• Take weed management practices and mulching of the tree basin to conserve moisture</li> <li>• 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</li> </ul>

### Live Stock Specific Advisory:

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
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