



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



## Agromet Advisory Bulletin

Date : 22-12-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-12-22(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-12-23	2023-12-24	2023-12-25	2023-12-26	2023-12-27
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	32.0	33.0	34.0	34.0	34.0
Tmin(°C)	23.0	23.0	24.0	24.0	24.0
RH-I(%)	61	57	55	54	59
RH-II(%)	33	25	30	27	27
Wind Speed(kmph)	6	8	9	9	10
Wind Direction(Degree)	71	75	73	70	70
Cloud cover(octa)	6	6	5	4	1

### Weather Summary/Alert:

• Weather is very likely to be dry during 5 days • Haze/ shallow fog likely at isolated places on 22 & 23 December 2023. • No large change in minimum temperature for next 2-3 days • Maximum & minimum temperatures are likely to be around 32°C & 23°C respectively • Week 1 ( December 22nd – December 28th ) Rainfall is very likely to be large deficient Maximum temperature is likely to be 0-2°C lower than normal Minimum temperature is likely to be 0-2°C lower than normal • Week 2 (December 29th – January 04th) 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:

• Land preparation and sowing of rabi crops can be done • Weed control practices can be taken up in the fields

### SMS Advisory:

• To control the aphids apply NSKE 5% (neem seed kernel extract) or install yellow sticky traps

### Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE	• Take weed management practices in the nursery
GROUNDNUT	• Take up control measures against sucking pests • Install yellow sticky traps • Take up intercultural operations and keep the fields weed free

### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
COWPEA/ LOBIA	• Take up intercultural operations and keep the fields weed free • To control the aphids apply NSKE 5% (neem seed kernel extract) or install yellow sticky traps
CHILLI	• Take up control measures against sucking pests • Install yellow sticky traps • Take up intercultural operations and keep the fields weed free
MANGO	• 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 • Note: Spray needs to be avoided during full bloom or during pollination. If spraying is necessary, it should be done outside of the pollination time (09.00 am to 12.00 p. m.) to prevent affecting the pollinating insects in the garden. Spraying insecticides or fungicides is best done in the morning or evening. Pollinator’s population can be increased by keeping bee hives in the orchard
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
COCONUT	• 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 • Possibility of Rhinoceros beetle incidence, hence adopt the mechanical method of control by extracting beetles with beetle hooks, without causing further injury to the growing point of the palm • The topmost leaf axils may be filled with powdered neem cake/Marotti cake @ 250 g + fine sand (250g) per palm as a prophylactic measure
ARECANUT	• Take weed management practices and mulching of the tree basin to conserve moisture • Provide irrigation once in a week • Harvesting of nuts at correct stages is very important for obtaining the produce of better quality • It should be ensured that fully ripe nuts are harvested • The harvested nuts can be sundried for about 45 days • It is essential to spread the nuts uniformly in a single layer for drying

### Live Stock Specific Advisory:

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

### Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
BIRD	• In cold and hilly areas, provide side curtains without restricting proper ventilation