



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



Agromet Advisory Bulletin

Date : 12-12-2023

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

| Parameter | 2023-12-13 | 2023-12-14 | 2023-12-15 | 2023-12-16 | 2023-12-17 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 34.0 | 34.0 | 34.0 | 34.0 | 34.0 |
| Tmin(°C) | 24.0 | 24.0 | 24.0 | 23.0 | 23.0 |
| RH-I(%) | 70 | 65 | 62 | 73 | 71 |
| RH-II(%) | 37 | 34 | 36 | 33 | 48 |
| Wind Speed(kmph) | 8 | 8 | 8 | 9 | 8 |
| Wind Direction(Degree) | 70 | 90 | 81 | 70 | 71 |
| Cloud cover(octa) | 1 | 1 | 0 | 0 | 2 |

Weather Summary/Alert:

Weather Summary • Weather is very likely to be dry for next 5 days • Haze/ shallow fog at isolated places on 12 & 13 December 2023 • No large change in minimum temperature for next 4 days • Maximum & minimum temperatures are likely to be around 34°C & 24°C respectively. Extended range forecast • Week 1 (December 08th – December 14th) 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 15th – December 21st) 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

SMS Advisory:

The topmost leaf axils of coconut tree may be filled with powdered neem cake (250 g) + fine sand (250g) per palm as a prophylactic measure for rhinoceros beetles

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 | <ul style="list-style-type: none"> 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 withTrichoderma viride @10g/kg or Pseudomonas fluorescens @ 10g/kg of seed or Carbendazim or Thiram 2g/kg is suggested before sowing |
| MANGO | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> 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 | <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 (Stage) | Live Stock Specific Advisory |
|---------------------------|---|
| COW | <ul style="list-style-type: none"> 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 |