



Gramin Krishi Mausam Sewa

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



Agromet Advisory Bulletin

Date : 24-11-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-11-24(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2023-11-25 | 2023-11-26 | 2023-11-27 | 2023-11-28 | 2023-11-29 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 8.0 | 16.0 | 10.0 | 1.0 | 1.0 |
| Tmax(°C) | 34.0 | 34.0 | 33.0 | 34.0 | 34.0 |
| Tmin(°C) | 24.0 | 24.0 | 23.0 | 23.0 | 23.0 |
| RH-I(%) | 86 | 82 | 77 | 80 | 78 |
| RH-II(%) | 53 | 56 | 48 | 44 | 47 |
| Wind Speed(kmph) | 7 | 8 | 7 | 7 | 6 |
| Wind Direction(Degree) | 79 | 90 | 75 | 71 | 68 |
| Cloud cover(octa) | 8 | 7 | 4 | 0 | 1 |

Weather Summary/Alert:

• Light to moderate rain/thundershowers very likely at a few places on 24 November • Light to moderate rain/thundershowers very likely at many places on 25 & 26 November • Light to moderate rain/thundershowers very likely at isolated places on 27, 28 & 29 November • Weather is very likely to be dry on 30 November • Haze/ shallow fog likely at isolated places on 24 November • No large change in minimum temperature for next 4-5 days • Maximum & minimum temperatures are likely to be around 34°C & 25°C respectively • Thunderstorm accompanied with lightning and winds gusting to 30-40 kmph very likely at isolated places over the district on 24, 25, 26 & 27 November • No weather warnings on 28 Nov 2023 • Week 1 (November 24th – November 30th) 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 01st – December 07th) 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:

• Due to the forecast of thunderstorms and lightning, take precautions while moving out and working in fields • Use damini app for thunderstorms and lightning alerts • Avoid spraying of plant protection chemicals on 24, 25 and 26, November 2023

SMS Advisory:

• Due to the forecast of light to moderate rain/thunderstorms on 24, 25 and 26, November 2023, avoid sowing of vegetables nursery on those days

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|--|
| RICE | • Considering the forecast of rainfall from 24th to 29th November 2023, it's essential to be cautious during 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 | • Due to forecast of light to moderate rainfall at many places on 25 and 26, November 2023, land preparation for the sowing of cowpea can be postponed |
| BRINJAL | • Due to forecast of light to moderate rainfall at many places on 25 and 26, November 2023, avoid sowing of vegetables nursery on those days • Provide drainage to nurseries already sown on the seed beds to avoid water logging |
| MANGO | • Due to forecast of light to moderate rainfall at many places on 25 and 26, November 2023, avoid the spraying of plant protection chemicals • Provide staking to the young plants/seedlings • Make sure the orchards and nurseries have adequate drainage to prevent water logging due to intense spells |
| CASHEW | • Due to forecast of light to moderate rainfall at many places on 25 and 26, November 2023, avoid the spraying of plant protection chemicals • Provide staking to the young plants/seedlings • Make sure the orchards and nurseries have adequate drainage to prevent water logging due to intense spells |
| COCONUT | • Due to forecast of light to moderate rainfall at many places on 25 and 26, November 2023, avoid the spraying of plant protection chemicals • Provide staking to the young plants/seedlings • Make sure the orchards and nurseries have adequate drainage to prevent water logging due to intense spells |
| ARECANUT | • Due to forecast of light to moderate rainfall at many places on 25 and 26, November 2023, avoid the spraying of plant protection chemicals • Provide staking to the young plants/seedlings • Make sure the orchards and nurseries have adequate drainage to prevent water logging due to intense spells |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|-----------------------|--|
| COW | • 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 |