



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



## Agromet Advisory Bulletin

Date : 25-08-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-08-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-08-26	2023-08-27	2023-08-28	2023-08-29	2023-08-30
Rainfall(mm)	15.0	15.0	20.0	35.0	15.0
Tmax(°C)	31.0	31.0	31.0	30.0	30.0
Tmin(°C)	24.0	24.0	24.0	24.0	24.0
RH-I(%)	89	90	91	90	90
RH-II(%)	65	63	66	68	64
Wind Speed(kmph)	7	7	7	7	7
Wind Direction(Degree)	165	158	248	248	158
Cloud cover(octa)	8	5	8	4	3

### Weather Summary/Alert:

Weather Summary • Light to Moderate rainfall very likely at most places on 25th & 26th August 2023 • Moderate rainfall very likely at most places on 27th August 2023 • Light to Moderate rainfall very likely at many places on 28th, 29th, 30th & 31st August 2023. • Maximum & minimum temperatures are likely to be around 31°C & 24°C respectively Warning • No weather warning for next 5 days. Extended range forecast • Week 1 (August 25th – August 31st) Rainfall is very likely to be large 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 (September 1st – September 7th) 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 higher than normal

### General Advisory:

• Take up weed management practices • Drain out excess water from the fields • Cloudy weather and rainfall may favorable for pest and disease incidence. Hence suitable control measures can be taken up when rainfall intensity is low

### SMS Advisory:

• Spraying of Carbendazim @ 2 g per 1 liter of water is recommended to protect the new flushing in mango from the incidence of anthracnose

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• There is a forecast of light to moderate forecast during next 5 days. Hence, drain out excess water from the paddy fields • Maintain optimum water level of 2.5 to 5 cm in the fields • Apply second dose of fertilizer (Urea – 58.2 kg/ha) • Due to cloudy weather, rainfall and tillering stage of crop possibility of case worm and leaf folder. Hence dislodge the cases by passing a rope and then drain water, collect the cases and destroy. Also Cartap hydrochloride 50%, 12gm/10 liters of water can be sprayed during rainfall intensity is low • Due to cloudy weather and rainfall possibility of blast

Crop(Varieties)	Crop Specific Advisory
	disease in paddy. To control the disease, spray Tricyclazole (2g per litre of water) when rainfall is low

### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CUCUMBER	<ul style="list-style-type: none"> <li>• Drain out excess water from the fields</li> <li>• Provide proper staking to cucurbitaceous vegetables</li> <li>• Weeds should be removed from the fields</li> <li>• Possibility of fruit flies in cucurbitaceous vegetables. Hence pheromone traps can be effectively used to control fruit flies. Mix Ethyl Alcohol (60 ml) + p – Acetoxyphenyl butanone (40 ml) + Dichlorvos (20ml) for preparation of traps . Around 10-12 traps / acre is recommended.</li> </ul>
MANGO	<ul style="list-style-type: none"> <li>• Drain out excess water from the orchards</li> <li>• Due to cloudy weather and rainfall, there is a possibility of anthracnose in mango trees. Hence spraying of Carbendazim@ 2 g per 1 liter of water is recommended to protect the new flushing in mango from the incidence of anthracnose during less rainfall intensity</li> </ul>
CASHEW	<ul style="list-style-type: none"> <li>• Drain out excess water from the orchards</li> <li>• Due to cloudy weather and rainfall, possibility of incidence of cashew stem and root borer. Hence take up the control measure for CSRB during anthracnose during rainfall intensity is less</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 trees 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>• Drain out excess water from the coconut gardens</li> <li>• Due to cloudy weather and rainfall, possibility of incidence of but rot</li> <li>• Remove all the dead palms and palms beyond recovery</li> <li>• Spray 1% Bordeaux mixture to the crowns of the trees as a prophylactic measure for bud rot management during rainfall intensity is less</li> <li>• Apply 10% Bordeaux paste to the wounds / cut end. Cover the treated bud with protective covering till the normal shoot emerges during monsoon season for bud rot.</li> </ul>
ARECANUT	<ul style="list-style-type: none"> <li>• Drain out excess water from the arecanut gardens</li> <li>• Due to cloudy weather and rainfall, possibility of incidence of fruit rot</li> <li>• Cover the areca bunches with polythene covers (125–200-gauge 24 x 30 inches)</li> <li>• Hence spraying of 1% Bordeaux mixture is recommended during rainfall intensity is less</li> </ul>
BLACK PEPPER	<ul style="list-style-type: none"> <li>• Due to cloudy weather and rainfall, possibility of incidence of pepper wilt.</li> <li>• Provide adequate drainage to prevent water logging during the monsoon season</li> <li>• Remove and destroy severely diseased vines along with the root system from the plantation</li> <li>• Collect planting material from disease free gardens and from the nursery preferably raised in fumigated soil</li> <li>• Soil drenching or spraying with 1% Bordeaux mixture is recommended during rainfall intensity is less</li> </ul>

### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	<ul style="list-style-type: none"> <li>• There is forewarning of Theileriosis in cattle, for the month of August</li> <li>• Periodical application of acaricides in and around cattle shed is necessary for effective control of ticks</li> <li>• Farmers should approach veterinary hospitals in case of animals showing fever and coffee colored urine</li> </ul>