



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



## Agromet Advisory Bulletin

Date : 18-08-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-08-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-08-19	2022-08-20	2022-08-21	2022-08-22	2022-08-23
Rainfall(mm)	22.0	28.0	64.0	50.0	50.0
Tmax(°C)	31.0	31.0	31.0	31.0	31.0
Tmin(°C)	24.0	24.0	24.0	23.0	23.0
RH-I(%)	90	90	89	90	90
RH-II(%)	72	73	73	75	71
Wind Speed(kmph)	10.0	9.9	10.1	10.7	10.7
Wind Direction(Degree)	283	291	292	292	291
Cloud cover(octa)	7	8	8	8	8

### Weather Summary/Alert:

• Light to moderate rainfall very likely at many places on 18th & 19th August 2022 • Light to moderate rainfall very likely at most places on 20th , 21st & 22nd August 2022 • Heavy rainfall very likely at isolated places on 20th & 21st August 2022 • Maximum & minimum temperatures are likely to be around 30°C & 25°C respectively Week 1 ( Aug 19th – Aug 25th ) • Rainfall is very likely to be excess • Maximum temperature is likely to be 0°C to 2°C Lower than normal • Minimum temperature is likely to be 0°C to 2°C higher than normal Week 2 ( Aug 26th – Sep 1st ) • Rainfall is very likely to be normal • Maximum temperature is likely to be 0°C to 2°C Higher than normal • Minimum temperature is likely to be 0°C to 2°C Higher than normal

### General Advisory:

• Drain out excess water from the fields • Provide staking to young plants

### SMS Advisory:

• Due to forecast of wide spread rainfall with isolated heavy rainfall farmers are suggested to avoid spraying of chemicals on 20th, 21st and 22nd August 2022

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Due to forecast of wide spread rainfall with isolated heavy rainfall farmers are suggested to avoid spraying of chemicals on 20th, 21st and 22nd August 2022 • Farmers are suggested to maintain the water level in the field • Possibility of incidence of leaf folder, hence keep the field and bunds clean by removing weeds. Avoid use of excessive fertilizers. Need based spraying of chlorpyrifos @ 2 ml/litre • Possibility of incidence of stem borer, hence collect and destroy the egg masses. Pull out and destroy the affected tillers (dead hearts). Spraying of chlorpyrifos @ 2 ml/litre can be done

Crop(Varieties)	Crop Specific Advisory
CASHEW	<ul style="list-style-type: none"> <li>• Due to forecast of wide spread rainfall with isolated heavy rainfall farmers are suggested to avoid spraying of chemicals on 20th, 21st and 22nd August 2022</li> <li>• Farmers are suggested to make arrangements to drain out excess water from the fields</li> <li>• Provide proper staking for the young plants/seedlings</li> <li>• Due to high humidity and rainfall, possibility of incidence of cashew stem and root borer</li> <li>• Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs)</li> <li>• Remove the grubs from the holes with the help of 15 mm chisel and apply Chlorpyrifos 20 EC @ 5 ml/liter of water on the stem (swabbing) Or Apply Neem oil 5 ml/liter of water or neem cake 500g to 1 kg / tree</li> </ul>

### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BOTTLE GOURD	<ul style="list-style-type: none"> <li>• Due to forecast of wide spread rainfall with isolated heavy rainfall farmers are suggested to avoid spraying of chemicals on 20th, 21st and 22nd August 2022</li> <li>• Fruit flies can be controlled Monitoring and mass trapping with parapheromone traps: traps baited with 0.4 ml cue-lure with 1ml of dichlorvos in traps was also found effective</li> <li>• Around 10-12 traps/acre can be placed</li> </ul>
MANGO	<ul style="list-style-type: none"> <li>• Due to forecast of wide spread rainfall with isolated heavy rainfall farmers are suggested to avoid spraying of chemicals on 20th, 21st and 22nd August 2022</li> <li>• Farmers are suggested to make arrangements to drain out excess water from the fields</li> <li>• Provide proper staking for the young plants/seedlings</li> <li>• Due to high humidity and rainfall, possibility of anthracnose in mango trees.</li> <li>• Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs)</li> <li>• Spraying of carbendazim @ 2 g per 1 liter of water is recommended to protect the new flushing in mango from the incidence of anthracnose</li> </ul>
COCONUT	<ul style="list-style-type: none"> <li>• Due to forecast of wide spread rainfall with isolated heavy rainfall farmers are suggested to avoid spraying of chemicals on 20th, 21st and 22nd August 2022</li> <li>• Farmers are suggested to make arrangements to drain out excess water from the fields</li> <li>• Provide proper staking for the young plants/seedlings</li> <li>• Due to high humidity and rainfall, possibility of incidence of but rot</li> <li>• Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs)</li> <li>• Hence spraying of 1% Bordeaux mixture is recommended</li> </ul>
ARECANUT	<ul style="list-style-type: none"> <li>• Due to forecast of wide spread rainfall with isolated heavy rainfall farmers are suggested to avoid spraying of chemicals on 20th, 21st and 22nd August 2022</li> <li>• Farmers are suggested to make arrangements to drain out excess water from the fields</li> <li>• Provide proper staking for the young plants/seedlings</li> <li>• Due to high humidity and rainfall, possibility of incidence of fruit rot</li> <li>• Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs)</li> <li>• Hence spraying of 1% Bordeaux mixture is recommended</li> </ul>

### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	<ul style="list-style-type: none"> <li>• Farmers can spray ectoparasiticides like cypermethrin or deltamethrin 2-4% on animals' body and also in the shed to control tick infestation</li> <li>• If fever, shivering, brown coloured urine, off feed etc. are noticed, consult veterinary doctor immediately</li> <li>• Apply lime in and around shed which causes disinfection and keep floor dry</li> <li>• Make silage from surplus green fodder for easy storage and use during the lean period</li> </ul>