



# Gramin Krishi Mausam Sewa

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



## Agromet Advisory Bulletin

Date : 16-09-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-09-16(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-09-17	2022-09-18	2022-09-19	2022-09-20	2022-09-21
Rainfall(mm)	38.0	30.0	10.0	2.0	2.0
Tmax(°C)	29.0	29.0	30.0	31.0	31.0
Tmin(°C)	24.0	24.0	24.0	24.0	25.0
RH-I(%)	92	92	94	94	92
RH-II(%)	86	84	73	66	63
Wind Speed(kmph)	9.2	6.9	6.4	6.8	7.3
Wind Direction(Degree)	248	234	252	288	292
Cloud cover(octa)	8	8	7	8	8

### Weather Summary/Alert:

• The trough from Westcentral Arabian Sea to the cyclonic circulation associated with the Well Marked Low Pressure Area over central parts of Uttar Pradesh & neighbourhood across Eastcentral & Northeast Arabian sea, south Gujarat region and West Madhya Pradesh between 3.1 km & 4.5 km above mean sea level persists. • Light to moderate rain very likely at most places on 16th & 17th september 2022 • Light to moderate rain very likely at many places on 18th, 19th & 20th september 2022 • Heavy rainfall very likely at isolated places on 16th September 2022 • No weather warnings on 17th, 18th, 19th & 20th September 2022 • Maximum & minimum temperatures are likely to be around 30°C & 25°C respectively Week 1 ( Sep 16th – Sep 22nd ) • Rainfall is very likely to be normal • 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 ( Sep 23rd – Sep 29th ) • Rainfall is very likely to be normal • 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:

• Make arrangements to drain out excess water • Take control measures pest and diseases during clear weather (no rainfall at least 5-6 hrs)

### SMS Advisory:

Take control measures against gundi bug in Kharif paddy. Hence Egg masses, nymph and adults can be collected (hand or using hand nets) and destroyed.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
RICE	<ul style="list-style-type: none"> <li>• Possibility of light to moderate rainfall very likely from 17th to 20th September 2022. Make arrangements to drain out excess water</li> <li>• Farmers are suggested to maintain the water level in the field</li> <li>• Possibility of incidence of leaf folder and stem borer, hence keep the field and bunds clean by removing weeds. Avoid use of excessive fertilizers. Pull out and destroy the affected tillers (dead hearts). Need based spraying of chlorpyrifos @ 2 ml/litre during clear weather (no rainfall at least 5-6 hrs)</li> <li>• Possibility of incidence of gundi bug. Hence Egg masses, nymph and adults can be collected (hand or using hand nets) and destroyed. Removal of grasses near the paddy fields. Dusting Malathion 5 D @ 25 kg/ha starting from field edges to the centre in a circular manner during clear weather (no rainfall at least 5-6 hrs)</li> </ul>
CASHEW	<ul style="list-style-type: none"> <li>• Make arrangements to drain out excess water</li> <li>• Provide proper staking for the young plants/seedlings</li> <li>• Due to 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>• Treat the infested trees of the trunk region up to one meter height from the ground level and on exposed roots with Fipronil @ 2 ml / litre of water</li> </ul>

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BOTTLE GOURD	<ul style="list-style-type: none"> <li>• Make arrangements to drain out excess water</li> <li>• Provide proper staking for the plants</li> <li>• Fruit flies can be controlled by monitoring and mass trapping with parapheromone traps: Use traps baited with 0.4 ml cue-lure with 1ml of dichlorvos in traps</li> <li>• Place around 10-12 traps/acre</li> </ul>
MANGO	<ul style="list-style-type: none"> <li>• Make arrangements to drain out excess water</li> <li>• Provide proper staking for the young plants/seedlings</li> <li>• 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 / 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>• Make arrangements to drain out excess water</li> <li>• Provide proper staking for the young plants/seedlings</li> <li>• Possibility of incidence of but rot. Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs)</li> <li>• Spraying of 1% Bordeaux mixture is recommended</li> <li>• Possibility of incidence of rugose spiralling whitefly.</li> <li>• 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</li> <li>• Installation of yellow sticky traps</li> <li>• In severe cases, spray only neem oil 0.5% or NSKE 5% and avoid spraying any form of insecticides</li> </ul>
ARECANUT	<ul style="list-style-type: none"> <li>• Make arrangements to drain out excess water</li> <li>• Provide proper staking for the young plants/seedlings</li> <li>• Possibility of incidence of fruit rot . Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs)</li> <li>• 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>• Supplementation of Perrineal Napier grass, Subabul, and Moringa leaves with traditional feed for enriching the quality of ration</li> <li>• Deworming of all the adult stock with broad spectrum anthelmintics like Albendazole (Dose: 10 mg/ kg body weight) during last week</li> <li>• FMD vaccine during month of September</li> </ul>

#### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
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<b>Poultry(Varieties)</b>	<b>Poultry Specific Advisory</b>
BIRD	<ul style="list-style-type: none"><li>• Inclusion of different cereal sources such as maize/wheat/barley/ragi/broken rice at 50%,</li><li>• Protein sources like soyabean meal/groundnut meal/sunflower meal/linseed meal upto 20-25%,</li><li>• Rice polish/rice bran/wheat bran upto 10-20%</li><li>• Gram chuni at 5-10%, coconut meal and leafy meals 5% each or molasses 5% and vitamin and mineral mix 2% totalling to 100 in different combinations can be used for making poultry feed</li><li>• Deworming of backyard poultry in deep litter housing should be done at 8 weeks and 16/18 weeks then once in a month with suitable anthelmintics</li></ul>