



# Gramin Krishi Mausam Sewa

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



## Agromet Advisory Bulletin

Date : 27-09-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-09-27(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-09-28	2022-09-29	2022-09-30	2022-10-01	2022-10-02
Rainfall(mm)	1.0	1.0	0.0	9.0	5.0
Tmax(°C)	32.0	32.0	32.0	31.0	31.0
Tmin(°C)	24.0	24.0	24.0	23.0	23.0
RH-I(%)	93	92	91	92	93
RH-II(%)	63	63	61	63	80
Wind Speed(kmph)	9.5	8.7	8.9	6.3	4.2
Wind Direction(Degree)	298	292	295	292	135
Cloud cover(octa)	5	5	6	7	7

### Weather Summary/Alert:

• North Westerly winds prevail in the atmosphere over Goa upto 2 km above mean sea level • Light to moderate rain very likely at isolated places on 27th & 28th september 2022 • Light to moderate rain /Thundershowers very likely at a few places on 29th , 30th September & 01st October 2022 • No weather warnings on 27th, 28th, 29th September & 01st October 2022. Thunderstorm accompanied with lightning with winds gusting to around 40 kmph very likely at isolated places on 30th September 2022 • Maximum & minimum temperatures are likely to be around 32°C & 24°C respectively Week 1 ( Sep 23rd – Sep 29th ) • Rainfall is very likely to be deficient • 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 30th – Oct 6th ) • Rainfall is very likely to be 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

### General Advisory:

• Keep the fields clean by removing the weeds • Take control measures against pest and diseases during clear weather (no rainfall at least 5-6 hrs)

### SMS Advisory:

• Take control measures against Tea mosquito bugs in cashew. Apply neem based insecticides

### 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>• 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) can be done</li> </ul>
CASHEW	<ul style="list-style-type: none"> <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> <li>• On cashew build-up of the Tea mosquito bug commences during October with the emergence of new flushes. Hence farmers are advised to look upon the cashew orchards and apply neem-based insecticides</li> </ul>

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	<ul style="list-style-type: none"> <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>• 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</li> <li>• Apply DAP-860 g + Urea-270g + MOP-1200g + Zinc sulfate heptahydrate-95g + Borax-70g per tree during last week of September for 5 years above palm</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>• Apply DAP-385 g + Urea-70g + MOP-200g + Zinc sulfate heptahydrate-95g + Borax-70g per tree during last week of September for 5 years above tree</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 antihelmintics like Albendazole (Dose: 10 mg/ kg body weight)</li> </ul>

#### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
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Poultry(Varieties)	Poultry Specific Advisory
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>