



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



## Agromet Advisory Bulletin

Date : 22-10-2021

Weather Forecast of NORTH-GOA(Goa) Issued On : 2021-10-22(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-10-23	2021-10-24	2021-10-25	2021-10-26	2021-10-27
Rainfall(mm)	5.0	4.0	3.0	0.0	0.0
Tmax(°C)	32.0	32.0	33.0	34.0	34.0
Tmin(°C)	24.0	25.0	24.0	24.0	24.0
RH-I(%)	81	83	85	81	70
RH-II(%)	51	44	48	49	39
Wind Speed(kmph)	6.0	4.0	4.0	7.0	9.0
Wind Direction(Degree)	68	67	67	61	68
Cloud cover(octa)	5	5	8	6	4

### Weather Summary/Alert:

• Light to moderate rain/Thundershower very likely at isolated places on 22nd & 24th Oct 2021 • Light to moderate rain/Thundershower very likely at a few places on 23rd Oct 2021 • Weather is very likely to be dry on 25th & 26th Oct 2021 • No weather warning on 22nd , 25th & 26th Oct 2021 • Maximum & minimum temperatures are likely to be around 32°C & 24°C respectively Week 1 (22nd Oct to 28th Oct) • Rainfall amount is very likely to be large deficit • Maximum and Minimum temperatures are likely to be normal Week 2 (29th Oct to 04th Nov) • Rainfall amount is very likely to be normal • Maximum and Minimum temperatures are likely to be normal

### General Advisory:

• Keep the fruit orchards, coconut and Arecanut gardens clean, by weeding and removing debris • Take up the control measure against pest and diseases during morning hours and clear weather

### SMS Advisory:

Thunderstorm accompanied with lightning very likely at isolated places on 23rd & 24th Oct 2021. Hence it is advised to take precautions and to use Damini App for the lightning alerts in advance

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Light to moderate rainfall with thunderstorms and lightning is forecasted next 2 days • Hence harvesting of Kharif paddy can be continued and it is advised to keep the harvested paddy in a dry and safe place • Farmers are advised to take precautions against lightning

Crop(Varieties)	Crop Specific Advisory
CASHEW	<ul style="list-style-type: none"> <li>• Keep the orchards clean, by weeding and removing debris</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 for the Tea mosquito bug incidence</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) and drench the same solution @ 2 litre per tree. Apply Neem oil 5 ml/litre of water or neem cake 500g to 1 kg / tree</li> </ul>

### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	<ul style="list-style-type: none"> <li>• Nursery preparation of rabi vegetables like Chilli, Brinjal, Cabbage, KholKhol, Radish, can be started</li> <li>• Treat seeds with Thiram @ 3g/kg seed before sowing to control seed borne diseases</li> </ul>
MANGO	<ul style="list-style-type: none"> <li>• Keep the orchards clean, by weeding and removing debris</li> <li>• In old mango orchard, centre opening operation can be carry out which increase penetration of sunlight and result in increase in flowering and decrease in pest incidence</li> <li>• Due to increase in temperature and humidity there is possibility of incidence of hoppers on vegetative flush of mango, spray two rounds of Imidacloprid 0.2ml/lit of water</li> <li>• First spray at the time of panicle emergence, second spray two weeks after first spray</li> </ul>
ARECANUT	<ul style="list-style-type: none"> <li>• Mulching of palm basins can be undertaken</li> <li>• Fallen dried leaves available in the garden can be used for mulching</li> <li>• For controlling the of Fruit rot (Koleroga) in Arecanut application of Bordeaux mixture 1% can be done</li> <li>• Digging and forking of soil around basin of Arecanut palm to a depth of 10-15cm is recommended for control of Arecanut root grubs attack</li> </ul>
COCONUT	<ul style="list-style-type: none"> <li>• Mulching of palm basins can be undertaken</li> <li>• Fallen dried leaves available in the garden can be used for mulching</li> <li>• Removal and destruction of dried spathes, inflorescence parts and fallen nuts</li> <li>• Take up the control measure for bud rot (Spray 1% Bordeaux mixture)</li> <li>• Farmers are suggested to look upon the incidence of Coconut mite and application of Neem cake - 5kg/palm can be done</li> </ul>

### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	<ul style="list-style-type: none"> <li>• Very high risk of Foot and Mouth Disease (FMD) occurrence in dairy animals</li> <li>• First vaccination at the age of 4 months and thereafter once in six months (Between February – March and August -September) should be followed</li> </ul>

### Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
INLAND	<ul style="list-style-type: none"> <li>• Ammonia levels should be tested as it increases after monsoon. The optimum range is 0.02 to 0.05 mg L-1</li> <li>• If the values are exceeding the limit, 20-30% reduction in feeding rate, aeration (as suggested earlier), reduction of pond depth initially (if it is 2.0 m and reduce to 1.5 m) and gradually it can be raised to the normal level</li> <li>• The oyster/mussel farming can be planned with racks and the mother oysters can be hung from racks through nylon ropes (salinity of water should be more than 25 psu)</li> <li>• The collection of seeds (2.5-3.5 cm) may be started from the last part of October</li> </ul>