



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



## Agromet Advisory Bulletin

Date : 01-02-2022

Weather Forecast of NORTH-GO(A) Issued On : 2022-02-01(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-02-02	2022-02-03	2022-02-04	2022-02-05	2022-02-06
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	33.0	32.0	31.0	30.0	30.0
Tmin(°C)	20.0	19.0	18.0	17.0	18.0
RH-I(%)	90	90	92	92	93
RH-II(%)	60	62	65	68	65
Wind Speed(kmph)	6.0	5.0	5.0	6.0	6.0
Wind Direction(Degree)	43	109	87	43	48
Cloud cover(octa)	0	0	0	1	1

### Weather Summary/Alert:

• Weather is very likely to be dry for next 5 days • No large change in minimum temperature during next 48 hours & fall by around 2°C during subsequent 2 days • Maximum & minimum temperatures are likely to be around 32°C & 19°C respectively Week 1 (28th Jan to 03rd Feb ) • Rainfall amount is very likely to be large deficient over the district • Maximum temperature is likely to be above normal • Minimum temperature is likely to be normal Week 2 (04th Feb to 10th Feb ) • Rainfall amount is very likely to be below large deficient over the district • Maximum temperature is likely to be normal • Minimum temperature is likely to be normal

### General Advisory:

• Possibility of increase in sucking pests due to increase in humidity. Hence farmers are advised to take necessary control measures

### SMS Advisory:

• There is a forewarning of very high risk of Peste-des-Petitis Ruminants (PPR), Babesiosis and Swine Fever in livestock. Hence farmers are advised to take suitable control measures

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Application of second dose of fertilizer (Urea – 54kg/ha) can be done at tillering stage • Maintain the water level in the paddy fields • Farmers are suggested to take up weed management practices

Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	<ul style="list-style-type: none"> <li>• Provide irrigation at 10 to 15 days interval</li> <li>• Weeding and earthing up has to be done</li> <li>• To control the aphids, thrips and leaf miners spraying of spinosad @ 0.2 ml/litre of water can be done or apply NSKE 5% (neem seed kernel extract)</li> <li>• Yellow sticky traps can be kept in the field for better monitoring of these sucking pests</li> </ul>
CASHEW	<ul style="list-style-type: none"> <li>• Due to the dry weather forecast for the next 5 days, irrigation can be given at 15 days interval</li> <li>• Farmers are advised to look upon the cashew orchards for the Tea mosquito bug incidence and apply neem-based insecticides</li> </ul>

### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COWPEA/ LOBIA	<ul style="list-style-type: none"> <li>• Foliar fertilization may be practiced with 2% DAP (200g dissolved in 10 litres of water) at flowering (40- 45 DAS) which considerably increases 20 to 35 % of yield</li> <li>• Farmers are suggested to take up weeding and earthing up practices</li> <li>• Provide irrigation at 7 to 10 days interval</li> <li>• To control the aphids and thrips spraying of spinosad @ 0.2 ml/litre of water can be done or apply NSKE 5% (neem seed kernel extract)</li> <li>• Yellow sticky traps can be kept in the field for better monitoring of these sucking pests</li> </ul>
CHILLI	<ul style="list-style-type: none"> <li>• Take control measures against sucking pests</li> <li>• Provide irrigation at regular intervals</li> <li>• Install yellow sticky traps</li> <li>• Take up intercultural operations and keep the fields weed-free</li> </ul>
WATER MELON	<ul style="list-style-type: none"> <li>• Take control measures against sucking pests</li> <li>• Thrips management: Incidence of thrips is observed during the crop growth stage. Spray Imidacloprid (Trade name – Confidor) @ 0.5 mL/Litre water to manage the thrips infestation</li> <li>• Provide irrigation at 7 to 10 days interval</li> </ul>
MANGO	<ul style="list-style-type: none"> <li>• Possibility of Powderymildew, Anthracnose, Sooty mold and hoppers</li> <li>• Spraying of Wettable sulphur 2g along with 0.3 ml Imidacloprid per litre of water is suggested</li> <li>• Provide irrigation for below 5 years old trees at 10-15 days interval</li> </ul>
ARECANUT	<ul style="list-style-type: none"> <li>• Due to dry weather forecast for next 5 days , irrigation can be given to arecanut palms in sandy soils at 4 days interval in basin method or daily through drip irrigation</li> <li>• Keep the orchards clean, by weeding and removing debris</li> <li>• Mulching of tree basins should be done to conserve soil moisture</li> <li>• Protect the palms from sun-scorch</li> <li>• Harvesting and drying of ripe nuts</li> </ul>
COCONUT	<ul style="list-style-type: none"> <li>• Due to dry weather forecast for next 5 days , irrigation can be given to coconut palms in sandy soils at 4 days interval in basin method or daily through drip irrigation</li> <li>• To control mites, spraying of 2% neem-garlic emulsion or azadirachtin 10000 ppm @0.004% is recommended</li> <li>• To control white flies , application of 1% starch solution on leaflets to flake out the sooty moulds</li> <li>• In severe case, spray neem oil 0.5% and no insecticide is recommended</li> <li>• Installation of yellow sticky traps on the palm trunk to trap adult whiteflies</li> </ul>

### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	<ul style="list-style-type: none"> <li>• There is a forewarning of very high risk of Peste-des-Petitis Ruminants (PPR) and Swine Fever (SF) in livestock for North Goa district in February 2022</li> <li>• Cleaning and disinfection of pig sheds and goat farms should be done</li> </ul>