



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



## Agromet Advisory Bulletin

Date : 05-11-2021

Weather Forecast of NORTH-GOA(Goa) Issued On : 2021-11-05(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-11-06	2021-11-07	2021-11-08	2021-11-09	2021-11-10
Rainfall(mm)	45.0	26.0	12.0	9.0	10.0
Tmax(°C)	32.0	32.0	32.0	33.0	33.0
Tmin(°C)	25.0	25.0	24.0	24.0	23.0
RH-I(%)	92	91	92	90	88
RH-II(%)	74	75	70	75	70
Wind Speed(kmph)	5.0	5.0	5.0	6.0	9.0
Wind Direction(Degree)	57	85	80	63	70
Cloud cover(octa)	8	8	7	6	6

### Weather Summary/Alert:

• Light to moderate rain/thundershowers very likely at most places over the district on 05th & 06th Nov 2021 • Light to moderate rain/thundershowers very likely at many places over the district on 07th Nov 2021 • Light to moderate rain/thundershowers very likely at a few places over the district on 08th & 09th Nov 2021 • No large change in maximum & minimum temperature during next 4-5 days • Heavy rainfall very likely at isolated places on 05th & 06th Nov 2021 Week 1 (05th Nov to 11th Nov) • Rainfall amount is very likely to be large excess over the district • Maximum and Minimum temperatures are likely to be normal Week 2 (12th Nov to 18th Nov) • Rainfall amount is very likely to be large excess over the district • Maximum and Minimum temperatures are likely to be normal

### General Advisory:

• Squally weather with wind speed reaching 40-50 km/hr gusting to 60 km/hr is likely to prevail over along and off South Maharashtra - Goa coast from 05th November 2021 to 09th November 2021 • Fishermen are advised not to venture along and off the coast during above mentioned period

### SMS Advisory:

• Thunderstorm accompanied with lightning to occur on 5th, 6th and 7th Nov 2021. Hence farmers are advised to take precautions and to use damini app for lightning alerts in advance

### 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>• Land preparation for nursery sowing of rabi paddy can be done</li> <li>• Apply well decomposed FYM after the first ploughing</li> <li>• Green manures like Glyricidia, Dhaincha etc. grown on bunds / fences can be incorporated as per availability</li> <li>• Proper leveling and bunding should be ensured for better water and soil conservation</li> <li>• In the view of light to moderate rainfall with isolated heavy rainfall forecast on 5th &amp; 6th Nov, 2021, farmers are advised to dry the harvested paddy only during morning hours</li> <li>• Shift the harvested paddy to the dry and safe place</li> <li>• Store paddy in proper storage structures after adequate drying</li> <li>• Take precautions to avoid infestation by the stored grain insects and the fungal infections</li> <li>• Use of locally available organic insect repellants like neem, tirphal, etc, to prevent damage from insect and rats are also suggested</li> </ul>
CASHEW	<ul style="list-style-type: none"> <li>• In the view of light to moderate rainfall with isolated heavy rainfall forecast on 5th &amp; 6th Nov, 2021, farmers are advised to take up the control measures only during morning hours and clear weather</li> <li>• Keep the orchards clean, by weeding and removing debris</li> <li>• Mulching with dry leaves or paddy straw to be done to control evapo-transpiration losses and weed growth</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>• Land preparation for the sowing of cowpea can be started</li> </ul>
MANGO	<ul style="list-style-type: none"> <li>• In the view of light to moderate rainfall with isolated heavy rainfall forecast on 5th &amp; 6th Nov, 2021, farmers are advised to take up the control measures only during morning hours and clear weather</li> <li>• Keep the orchards clean, by weeding and removing debris</li> <li>• Spraying of Imidacloprid (0.3 ml per litre of water) will help to manage the mango hoppers</li> <li>• Possibility of incidence of leaf webbers in mango orchards during this season</li> <li>• Hence pruning of overcrowded and overlapping branches, mechanical removal of infested leaf webs and destroying them by burning will help in managing this pest</li> <li>• In severe cases spray of lambda-cyhalothrin @ 1 ml/ L is recommended</li> </ul>
ARECANUT	<ul style="list-style-type: none"> <li>• In the view of light to moderate rainfall with isolated heavy rainfall forecast on 5th &amp; 6th Nov, 2021, farmers are advised to take up the control measures only during morning hours and clear weather</li> <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 Fruit rot (Koleroga) in Arecanut application of Bordeaux mixture 1% can be done</li> <li>• Digging and forking of soil around the 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>• In the view of light to moderate rainfall with isolated heavy rainfall forecast on 5th &amp; 6th Nov, 2021, farmers are advised to take up the control measures only during morning hours and clear weather</li> <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> <li>• The top most leaf axils may be filled with powdered neem cake @ 250 g + fine sand (250g) per palm to control the rhinoceros beetles</li> </ul>

### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
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Live Stock(Varieties)	Live Stock Specific Advisory
COW	<ul style="list-style-type: none"> <li>• There is forewarning of very high risk of Babesiosis, for North Goa in the month of November 2021</li> <li>• Periodical application of acaricides in and around cattle shed is necessary for effective control of ticks</li> <li>• Farmers should approach veterinary hospitals in case of animals showing fever and coffee-coloured urine</li> <li>• High risk of Foot and Mouth Disease (FMD) occurrence in dairy animals</li> <li>• Regular vaccination and disinfection with sodium carbonate (4%) or 10% washing soda should be followed</li> </ul>

### Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
CARP	<ul style="list-style-type: none"> <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</li> </ul>

### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
BIRD	<ul style="list-style-type: none"> <li>• As temperature rises beyond 30°C, the feed intake declines at an increasing rate. Hence provide feed at cooler parts of the day i.e early morning and late evening</li> <li>• Reduce stocking densities or provide more floor space/bird</li> </ul>