



**Weather Based Agromet Advisory Bulletin**  
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 (Applicable for North Goa district)  
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Year 4, No: - 259\_2022/TueTime: 3.30 PM

Date: 04thFebruary2022

Last week weather summary (30.01.2022 to 03.02.2022)					Weather parameters	Weather forecast (05.02.2022 to 09.02.2022)				
30	31	01	02	03	Date	05	06	07	08	09
0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
34	35.4	34.0	35.0	33.0	Max. Temp. (°C)	31	31	32	32	32
19.0	19.0	19.0	19.0	20.4	Min. Temp. (°C)	20	20	20	21	21
					Cloud cover (Octa)	2	0	1	2	0
83	89	94	96	94	Max. RH (%)	89	79	75	75	69
29	39	31	47	48	Min. RH (%)	41	37	30	40	38
5.9	4.1	4.6	3.3	3.5	Wind Speed(km/h)	8	8	7	7	8
					Wind direction (°)	68	108	68	90	153

<b>Old Goa station rainfall (mm) in the last week</b>	<b>Rainfall (mm) from 01/01/2022 to till dated</b>
0.0mm	0.0 mm

<b>Weather Summary/Alert</b>	<ul style="list-style-type: none"> <li>Weather is very likely to be dry for next 5 days</li> <li>No large change in minimum temperature for 24 hours and gradual rise by around 2°C during subsequent 4 days</li> <li>Maximum &amp; minimum temperatures are likely to be around 31°C &amp; 20°C respectively</li> </ul>
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<b>Extended range forecast</b>	<p>Week 1 (04th Feb to 10th Feb )</p> <ul style="list-style-type: none"> <li>Rainfall amount is very likely to be normal over the district</li> <li>Maximum temperature is likely to be normal</li> <li>Minimum temperature is likely to be normal</li> </ul> <p>Week 2 (11th Feb to 17th Feb)</p> <ul style="list-style-type: none"> <li>Rainfall amount is very likely to be normal over the district</li> <li>Maximum temperature is likely to be normal</li> <li>Minimum temperature is likely to be normal</li> </ul>
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<b>General advisory</b>	<ul style="list-style-type: none"> <li>Possibility of increase in sucking pests due to increase in humidity. Hence farmers are advised to take necessary control measures</li> </ul>
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<b>SMS</b>	<ul style="list-style-type: none"> <li>Since it is a peak period of tea mosquito bug incidence, farmers are advised to take suitable control measures</li> </ul>
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Crop	Stage/Pest/Disease	Advisory
Rabi paddy	Tillering	<ul style="list-style-type: none"> <li>Application of second dose of fertilizer (Urea - 54kg/ha) can be done at tillering stage</li> <li>Maintain the water level in the paddy fields</li> <li>Look for folded leaf tips, which may be due to leaf folder infestation. Early clipping of infested leaf tips along with removal of other weeds is recommended</li> </ul>

		<ul style="list-style-type: none"> <li>Foliar sprays with Chlorpyrifos 2.5 ml/litre is recommended</li> </ul>
<b>Cowpea/ Alsando</b>	Flowering  Sucking pests	<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>
<b>Groundnut</b>	Vegetative  Sucking pests	<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>
<b>Chilli</b>	Vegetative  Sucking pests	<ul style="list-style-type: none"> <li>Provide irrigation at regular intervals</li> <li>Take up intercultural operations and keep the fields weed-free</li> <li>Take up control measures against chilli leaf curl diseases</li> <li>Spraying of Imidacloprid @ 0.3ml per litre of water can be done</li> <li>Yellow sticky traps can be placed in the field for better monitoring of sucking pests</li> </ul>
<b>Watermelon</b>	Vegetative  Sucking pests	<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>
<b>Mango</b>	Hoppers Powdery mildew Anthracnose Sooty mold	<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> <li>It is also advised that during full flowering of mango, spray of insecticides should be avoided</li> <li>Spraying should be done before 9am or after 4pm in order to save non-target pollinators</li> </ul>
<b>Cashew</b>	Tea mosquito bug	<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>

<b>Arecanut</b>	Harvesting	<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>
<b>Coconut</b>	Coconut mite  White flies	<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>
<b>Livestock</b>		<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> <li>• Vaccination should be followed strictly</li> </ul>

**Source of Weather Forecast :-** Regional Meteorological Centre (RMC), Mumbai  
Meteorological Centre (MC), Goa

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