



**Weather Based Agromet Advisory Bulletin**  
**Gramin Krishi Mausam Sewa**  
**(Applicable for North Goa )**  
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Weather parameters	Weather forecast (20.07.2022 to 24.07.2022)				
Date	20	21	22	23	24
Rainfall (mm)	25	30	11	13	29
Max. Temp. (°C)	30	30	30	30	30
Min. Temp. (°C)	25	24	25	24	25
Max. RH (%)	91	90	88	89	89
Min. RH (%)	80	77	71	70	70
Wind Speed(km/h)	11.8	11.9	11.6	10.6	10.4
Wind direction (°)	WNW	WNW	WNW	WNW	WNW
Cloud cover (Octa)	6	7	6	6	7
Weather Summary/Alert	<ul style="list-style-type: none"> <li>• Light to moderate rainfall very likely at most places on 19th, to 23rd July 2022</li> <li>• Short Intense spells of rain with winds gusting to around 40 km/hr likely on 19th, to 23rd July 2022</li> <li>• Maximum &amp; minimum temperatures are likely to be around 30°C &amp; 25°C respectively</li> </ul>				
Extended range forecast	<p>Week 1 ( July 15th – July 21st )</p> <ul style="list-style-type: none"> <li>• Rainfall is very likely to be normal</li> <li>• Maximum temperature is likely to be normal</li> <li>• Minimum temperature is likely to be normal</li> </ul> <p>Week 2 ( July 22nd – July 28th )</p> <ul style="list-style-type: none"> <li>• Rainfall is very likely to be below normal</li> <li>• Maximum temperature is likely to be normal</li> <li>• Minimum temperature is likely to be normal</li> </ul>				
General advisory	<ul style="list-style-type: none"> <li>• Drain out excess water from the fields</li> <li>• Take up control measures against pest and diseases during clear weather</li> </ul>				
SMS	<ul style="list-style-type: none"> <li>• Possibility of budrot in arecanut and coconut, hence spraying of 1% Bordeaux mixture is recommended during clear weather</li> </ul>				
Crop	Stage/Pest/Disease	Advisory			
<i>Kharif</i> paddy	Nursery to transplanting	<ul style="list-style-type: none"> <li>• With the forecast of light to moderate rainfall over the next five days, farmers can complete the transplanting of <i>Kharif</i> paddy and make arrangements to drain excess water from the fields and maintain the water level in the field</li> </ul>			
<i>Vegetables</i>	Vegetative to flowering	<ul style="list-style-type: none"> <li>• Drain out excess water from the vegetables fields</li> <li>• Provide staking to cucurbit vegetables</li> </ul>			
Mango	Orchard management	<ul style="list-style-type: none"> <li>• Drain out excess water from the orchards</li> <li>• Due to high humidity and rainfall, 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 per 1 liter of water is recommended to protect the new flushing in mango from the incidence of anthracnose</li> </ul>			

<b>Cashew</b>		<ul style="list-style-type: none"> <li>• Drain out excess water from the orchards</li> <li>• Due to high 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>• Remove the grubs from the holes with the help of 15 mm chisel and apply <i>Chlorpyrifos</i> 20 EC @ 5 ml/liter of water on the stem (swabbing) Or Apply Neem oil 5 ml/liter of water or neem cake 500g to 1 kg / tree</li> </ul>
<b>Coconut</b>		<ul style="list-style-type: none"> <li>• Drain out excess water from the coconut gardens</li> <li>• Due to high humidity and rainfall, possibility of incidence of but rot</li> <li>• Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs)</li> <li>• Hence spraying of 1% Bordeaux mixture is recommended</li> </ul>
<b>Arecanut</b>		<ul style="list-style-type: none"> <li>• Drain out excess water from the arecanut gardens</li> <li>• Due to high humidity and rainfall, possibility of incidence of but rot</li> <li>• Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs)</li> <li>• Hence spraying of 1% Bordeaux mixture is recommended</li> </ul>
<b>Livestock</b>	Management	<ul style="list-style-type: none"> <li>• Mastitis in cattle is predisposed by heavy rain and high humidity; therefore, maintain the dairy shed clean and dry</li> <li>• Use post-milking teat dip cup to prevent mastitis</li> <li>• Farmers must spray their animals frequently for removal of ectoparasites &amp; cut all bushes near their sheds</li> <li>• Make sure that feeds are stored in a dry place to avoid mould infestation</li> <li>• If fever, shivering, brown colored urine, off feed etc. are noticed, consult veterinary doctor immediately</li> </ul>
<b>Poultry</b>	Management	<ul style="list-style-type: none"> <li>• Prevent the feed ingredients from getting wet, and the amount of feed should not be too much</li> <li>• The compound feed in the house should be placed on the platform above the ground to prevent the feed from regaining moisture</li> <li>• Regular checking of feeders to avoid fungus contamination</li> <li>• Provide your birds with warm water periodically during this rainy season to encourage consumption and help them keep warm without using up energy reserved in the process</li> <li>• Supplementary feeding should be given to the scavenging birds in backyard</li> </ul>
<b>Fisheries</b>	Finfish/shellfish	<ul style="list-style-type: none"> <li>• The water level in the pond should be maintained at 2 to 2.5 m letting the excess water drain out</li> <li>• Stocking of carp fish fingerlings (80-100 mm) @ 5000-7000 no/ha may be followed based on the seed availability</li> <li>• Feeding of groundnut oil cake: Wheat bran (1:1) ratio at 5-6% of total biomass of the Stock (Total weight of stock) may be followed</li> <li>• Net fences may be provided around the bunds if any issue of wild aquatic animals (crocodiles, otters)</li> </ul>

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

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