



Weather Based Agromet Advisory Bulletin
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(Applicable for North Goa district)
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No: - 308_2022/Tue

Time: 3.30 PM

Date: 26th July 2022

Last week weather summary (21.07.2022 to 25.07.2022)					Weather parameters	Weather forecast (27.07.2022 to 31.07.2022)				
21	22	23	24	25	Date	27	28	29	30	31
5	15	2	9.6	7.2	Rainfall (mm)	10	9	15	36	9
29.6	30	29.4	29.5	29.8	Max. Temp. (°C)	31	31	31	31	31
23.8	23.3	23.8	23.2	23	Min. Temp. (°C)	25	25	25	25	25
98	98	98	93	94	Max. RH (%)	95	93	90	91	90
84	80	78	75	75	Min. RH (%)	65	66	65	61	68
4	3.9	4	6.1	4.9	Wind Speed(km/h)	7.7	8.2	9.9	11.1	10
					Wind Direction(deg)	294	294	297	294	294
					Cloud cover (Octa)	7	6	7	7	6

Old Goa station rainfall (mm) in the last week	Rainfall (mm) from 01/01/2022 to till dated
38.8 mm	1958.4 mm

Weather Summary/Alert	<ul style="list-style-type: none"> Light to moderate rainfall very likely at most places on 26th July 2022 Light to moderate rainfall/thundershower very likely at many places on 27th, 28th, 29th & 30th July 2022 Maximum & minimum temperatures are likely to be around 31°C & 25°C respectively
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Extended range forecast	<p>Week 1 (July 22nd - July 28th)</p> <ul style="list-style-type: none"> Rainfall is very likely to be deficient Maximum temperature is likely to be normal Minimum temperature is likely to be normal <p>Week 2 (July 29th - Aug 4th)</p> <ul style="list-style-type: none"> Rainfall is very likely to be deficient Maximum temperature is likely to be normal Minimum temperature is likely to be normal
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General advisory	<ul style="list-style-type: none"> Chances of thundershowers at many places on 27th, 28th, 29th & 30th July 2022. Hence farmers are suggested to take precautions.
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SMS	<ul style="list-style-type: none"> Due to forecast of light to moderate rainfall during next 5 days, with fairly wide spread distribution, control measure can be taken up against pest and diseases during clear weather
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Crop	Stage/Pest/Disease	Advisory
Kharif paddy	Transplanting	<ul style="list-style-type: none"> Due to forecast of light to moderate rainfall during next 5 days, farmers are suggested to maintain the water level in the field Possibility of incidence of leaf folder, hence keep the field and bunds clean by removing weeds. Avoid use of excessive fertilizers. Need based spraying of chlorpyrifos @ 2 ml/litre Possibility of incidence of stem borer, hence collect and destroy the egg masses. Pull out and destroy the affected tillers (dead hearts). Spraying of chlorpyrifos @ 2 ml/litre can be done

Cucurbits	Vegetative to flowering	<ul style="list-style-type: none"> • Keep the fields clean by removing weeds • Earthing up and staking should be provided and Urea (Nitrogen) application can be done – 17.5 kg/acre for the crops in flowering stage • The fertilizers should be applied in a ring at 6-7 cm from the base of the stem
Mango	Vegetative	<ul style="list-style-type: none"> • Due to high humidity and rainfall, possibility of anthracnose in mango trees. • Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs) • Spraying of carbendazim @ 2 g per 1 liter of water is recommended to protect the new flushing in mango from the incidence of anthracnose
Cashew	Vegetative	<ul style="list-style-type: none"> • Due to high humidity and rainfall, possibility of incidence of cashew stem and root borer • Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs) • 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
Coconut	Fruiting	<ul style="list-style-type: none"> • Due to high humidity and rainfall, possibility of incidence of but rot • Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs) • Hence spraying of 1% Bordeaux mixture is recommended
Arecanut	Fruiting	<ul style="list-style-type: none"> • Due to high humidity and rainfall, possibility of incidence of but rot • Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs) • Hence spraying of 1% Bordeaux mixture is recommended
Livestock	Management	<ul style="list-style-type: none"> • Mastitis in cattle is predisposed by heavy rain and high humidity; therefore, maintain the dairy shed clean and dry • Use post-milking teat dip cup to prevent mastitis • Farmers must spray their animals frequently for removal of ectoparasites & cut all bushes near their sheds • Make sure that feeds are stored in a dry place to avoid mould infestation • If fever, shivering, brown colored urine, off feed etc. are noticed, consult veterinary doctor immediately
Poultry	Management	<ul style="list-style-type: none"> • Prevent the feed ingredients from getting wet, and the amount of feed should not be too much • The compound feed in the house should be placed on the platform above the ground to prevent the feed from regaining moisture • Regular checking of feeders to avoid fungus contamination • 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 • Supplementary feeding should be given to the scavenging birds in backyard
Fisheries	Finfish/shellfish	<ul style="list-style-type: none"> • The water level in the pond should be maintained at 2 to 2.5 m letting the excess water drain out • Stocking of carp fish fingerlings (80-100 mm) @ 5000-7000 no/ha

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| | | <p>may be followed based on the seed availability</p> <ul style="list-style-type: none">• 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• Net fences may be provided around the bunds if any issue of wild aquatic animals (crocodiles, otters) |
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Source of Weather Forecast :- Regional Meteorological Centre (RMC), Mumbai
Meteorological Centre (MC), Goa

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