



Weather Based Agromet Advisory Bulletin
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(Applicable for North Goa district)
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Time: 3.30 PM

Date: 16th August 2022

Weather parameters	Weather forecast (17.08.2022 to 21.08.2022)				
Date	17	18	19	20	21
Rainfall (mm)	16	12	8	8	28
Max. Temp. (°C)	31	31	31	31	30
Min. Temp. (°C)	24	24	24	24	23
Max. RH (%)	91	91	90	90	89
Min. RH (%)	76	71	70	73	75
Wind Speed(km/h)	8.4	9.9	10.3	10.2	11.9
Wind Direction(deg)	246	257	283	291	292
Cloud cover (Octa)	7	7	8	8	8
Weather Summary/ Alert	<ul style="list-style-type: none"> • Light to moderate rainfall very likely at many places on 16th & 19th august 2022 • Light to moderate rainfall very likely at a few places on 17th & 18th august 2022 • Light to moderate rainfall very likely at most places on 20th august 2022 • No weather warning for next 5 days • Maximum & minimum temperatures are likely to be around 31°C & 25°C respectively 				
Extended range forecast	<p>Week 1 (Aug 12th - Aug 18th)</p> <ul style="list-style-type: none"> • Rainfall is very likely to be excess • Maximum temperature is likely to be 0°C to 2°C Lower than normal • Minimum temperature is likely to be 0°C to 2°C higher than normal <p>Week 2 (Aug 19th - Aug 25th)</p> <ul style="list-style-type: none"> • Rainfall is very likely to be normal • Maximum temperature is likely to be 0°C to 2°C Lower than normal • Minimum temperature is likely to be 0°C to 2°C Lower than normal 				
General advisory	<ul style="list-style-type: none"> • Squally weather with wind speed reaching 45-55 Km/hr gusting to 65 Km/hr is likely to prevail over South Maharashtra-Goa coast on 16th and 17th August 2022. Fishermen are advised not to venture along and off coast during above mentioned period 				
SMS	Take up control measures against pest and diseases during clear weather				
Crop	Stage/Pest/ Disease	Advisory			
<i>Kharif paddy</i>	Tillering	<ul style="list-style-type: none"> • Due to forecast of light to moderate rainfall during next 5 days, control measures can be take up against pest and diseases during clear weather • 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 chlorpyriphos @ 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 chlorpyriphos @ 2 ml/litre can be done 			

Cucurbits	Flowering to Fruiting	<ul style="list-style-type: none"> • Due to forecast of light to moderate rainfall during next 5 days, control measures can be take up against fruit flies • Monitoring and mass trapping with parapheromone traps: traps baited with 0.4 ml cue-lure with 1ml of dichlorvos in traps was also found effective • Around 10-12 traps/acre can be placed
Mango	Vegetative	<ul style="list-style-type: none"> • Due to forecast of light to moderate rainfall during next 5 days, control measures can be take up against pest and diseases during clear weather • Farmers are suggested to make arrangements to drain out excess water from the fields • Provide proper staking for the young plants/seedlings • 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 forecast of light to moderate rainfall during next 5 days, control measures can be take up against pest and diseases during clear weather • Farmers are suggested to make arrangements to drain out excess water from the fields • Provide proper staking for the young plants/seedlings • 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 Chlorpyriphos 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 forecast of light to moderate rainfall during next 5 days, control measures can be take up against pest and diseases during clear weather • Farmers are suggested to make arrangements to drain out excess water from the fields • Provide proper staking for the young plants/seedlings • 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 forecast of light to moderate rainfall during next 5 days, control measures can be take up against pest and diseases during clear weather • Farmers are suggested to make arrangements to drain out excess water from the fields • Provide proper staking for the young plants/seedlings • Due to high humidity and rainfall, possibility of incidence of fruit rot

		<ul style="list-style-type: none"> 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"> Farmers can spray ectoparasiticides like cypermethrin or deltamethrin 2-4% on animals' body and also in the shed to control tick infestation If fever, shivering, brown coloured urine, off feed etc. are noticed, consult veterinary doctor immediately Apply lime in and around shed which causes disinfection and keep floor dry Make silage from surplus green fodder for easy storage and use during the lean period
Poultry	Management	<ul style="list-style-type: none"> 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 may be followed based on the seed availability 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)

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

Members of Agro Advisory Committee of ICAR CCARI, Goa

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