



Weather Based Agromet Advisory Bulletin
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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"> • Light to moderate rainfall very likely at most places on 19th, to 23rd July 2022 • Short Intense spells of rain with winds gusting to around 40 km/hr likely on 19th, to 23rd July 2022 • Maximum & minimum temperatures are likely to be around 30°C & 25°C respectively 				
Extended range forecast	<p>Week 1 (July 15th – July 21st)</p> <ul style="list-style-type: none"> • Rainfall is very likely to be normal • Maximum temperature is likely to be normal • Minimum temperature is likely to be normal <p>Week 2 (July 22nd – July 28th)</p> <ul style="list-style-type: none"> • Rainfall is very likely to be below normal • Maximum temperature is likely to be normal • Minimum temperature is likely to be normal 				
General advisory	<ul style="list-style-type: none"> • Drain out excess water from the fields • Take up control measures against pest and diseases during clear weather 				
SMS	<ul style="list-style-type: none"> • Possibility of budrot in arecanut and coconut, hence spraying of 1% Bordeaux mixture is recommended during clear weather 				
Crop	Stage/Pest/Disease	Advisory			
<i>Kharif</i> paddy	Nursery to transplanting	<ul style="list-style-type: none"> • 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 			
<i>Vegetables</i>	Vegetative to flowering	<ul style="list-style-type: none"> • Drain out excess water from the vegetables fields • Provide staking to cucurbit vegetables 			
Mango	Orchard management	<ul style="list-style-type: none"> • Drain out excess water from the orchards • 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		<ul style="list-style-type: none"> • Drain out excess water from the orchards • 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		<ul style="list-style-type: none"> • Drain out excess water from the coconut gardens • 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		<ul style="list-style-type: none"> • Drain out excess water from the arecanut gardens • 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 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

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