



Weather Based Agromet Advisory Bulletin
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Weather parameters	Weather forecast (16.07.2022 to 20.07.2022)				
Date	16	17	18	19	20
Rainfall (mm)	50	40	35	28	28
Max. Temp. (°C)	30	30	30	30	30
Min. Temp. (°C)	24	24	24	24	24
Max. RH (%)	92	90	90	90	91
Min. RH (%)	80	83	82	79	81
Wind Speed(km/h)	21.5	19.2	14.2	10.3	12.7
Wind direction (°)	248	248	248	249	291
Cloud cover (Octa)	8	8	7	7	7
Weather Summary/Alert	<ul style="list-style-type: none"> • Moderate rainfall very likely at most places on 15th, 16th, 17th, 18th & 19th July 2022 • Short Intense spells and winds gusting to around 50 km/hr very likely on 15th & 16th July 2022. • Heavy rainfall very likely at most places on 15th& 16th July 2022 • No weather warnings for 17th, 18th & 19th July 2022 • Maximum & minimum temperatures are likely to be around 30°C & 24°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 				
SMS	<ul style="list-style-type: none"> • With the forecast of decrease in rainfall activity during next 5 days, farmers can complete the transplanting of <i>Kharif</i> paddy 				
Crop	Stage/Pest/Disease	Advisory			
<i>Kharif</i> paddy	Nursery to transplanting	<ul style="list-style-type: none"> • Make arrangements to drain out excess water from the fields and Maintain the water level in the field • With the forecast of decrease in rainfall activity during next 5 days, repair/strengthening of bunds can be done • Farmers can complete the transplanting of <i>Kharif</i> paddy 			
<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 after 16th July 2022 during 			

		<p>clear weather (no rainfall at least 5-6 hrs)</p> <ul style="list-style-type: none"> • 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 after 16th July 2022 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 after 16th July 2022 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 after 16th July 2022 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"> • Due to heavy to very heavy rainfall forecast during next 5 days, keep animals at elevated areas • Heavy rainfall and high humidity predispose mastitis in cattle, hence keep 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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