



Weather Based Agromet Advisory Bulletin
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(Applicable for North Goa district)
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Year 3, No: - 218_2021/Tue

Time: 3.30 PM

Date: 7th September 2021

Last week weather summary (02.09.2021 to 06.09.2021)					Weather parameters	Weather forecast (08.09.2021 to 12.09.2021)				
02	03	04	05	06	Date	08	09	10	11	12
5.5	10.2	71.6	20.2	18.2	Rainfall (mm)	97	49	49	83	62
29.0	30.0	29.8	28.4	28.8	Max. Temp. (°C)	29	30	30	30	30
24.4	24.5	24.5	24.8	24.2	Min. Temp. (°C)	23	24	24	24	25
					Cloud cover (Octa)	8	8	7	7	5
95	96	98	96	98	Max. RH (%)	95	92	93	93	93
78	79	90	76	80	Min. RH (%)	92	88	83	86	85
3.2	3.8	3.8	4.0	4.5	Wind Speed(km/h)	17	13	12	9	7
					Wind direction (°)	253	249	251	238	233
Old Goa station rainfall (mm) in the last week						Rainfall (mm) from 01/01/2021 to till dated				
125.7 mm						3259.6 mm				
Weather Summary/ Alert	<ul style="list-style-type: none">Moderate to Heavy rainfall very likely at most places for the district on 07th & 08th September 2021Moderate rainfall very likely at most places for the district on 09th, 10th & 11th September 2021Winds of speed around 40 kmph very likely with rainfall spells on all the five days starting from 07th September 2021Heavy rainfall very likely at a few places with very heavy rainfall very likely at isolated places on 07th Sept 2021Heavy rainfall very likely at a few places on 08th Sept 2021Heavy rainfall very likely at isolated places on 09th, 10th & 11th Sept 2021Maximum & minimum temperatures are likely to be around 28°C & 23°C respectively									
	<div>Extended range forecast</div> <div>Week 1 (3rd Sep to 9th Sep)<ul style="list-style-type: none">Rainfall amount is very likely to be Excess over North Goa and South Goa districtsDaily monsoon activity is very likely to be normal to activeMaximum and Minimum temperatures are likely to be normalWeek 2 (10th Sep to 16th Sep)<ul style="list-style-type: none">Rainfall amount is very likely to be Excess over North Goa and South Goa districtsDaily monsoon activity is very likely to be normal to activeMaximum and Minimum temperatures are likely to be normal</div>									
	<div>General advisory</div> <ul style="list-style-type: none">Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail over Goa coast from 07th to 11th September 2021Fishermen are advised not to venture into sea during above mentioned period									
	<div>SMS</div> <ul style="list-style-type: none">Farmers are advised to drain out excess water from the paddy field and orchards and to postpone the spraying of protective chemicals									

Crop	Stage/Pest/Disease	Advisory
Kharif paddy	Panicle initiation to flowering	<ul style="list-style-type: none"> There is a forecast of heavy to very heavy rainfall during next 5 days. Hence farmers are advised to make proper arrangements in the paddy field to drain out excess water Postpone the application of all type of plant protection chemicals
Mango/ Cashew/ Coconut/ Arecanut	Drainage	<ul style="list-style-type: none"> Due to heavy rainfall, farmers are suggested to avoid water stagnation in the orchards Ensure proper drainage to grafts/seedlings Provide support by staking to young plants Postpone the application of all type of plant protection chemicals
Livestock/ Poultry	Health management	<ul style="list-style-type: none"> Periodic checking of animals and birds health status should be done Provide sufficient feed and water Vaccination should be done strictly as per vaccination schedule
Fisheries		<ul style="list-style-type: none"> The water level in the pond should be maintained at least 2 -2.5 m letting the excess water drain out Removal of unwanted predatory fishes/crabs Stocking of fish seeds of 80-100 mm size (Catla, Rohu, Common Carp may be followed) at stocking density of 5000 numbers per ha Feeding of groundnut oil cake: Wheat bran (1:1) ratio at 8-10% of total biomass of the Stock (Total weight of stock) may be followed
Source of Weather Forecast :- Regional Meteorological Centre (RMC), Mumbai Meteorological Centre (MC), Goa		
Members of Agro Advisory Committee of ICAR CCARI, Goa		
Dr. A. R. Desai, Principal Scientist (Fruit Science) Dr. V. Arunachalam, Principal Scientist (Spices, Plantation and Medicinal & Aromatic Crops) Dr. R. Ramesh, Principal Scientist (Plant Pathology) Shri. H.R.C. Prabhu, Senior Scientist and Head In-charge, ICAR – Krishi Vigyan Kendra, North Goa Dr. Gopal Ramdas Mahajan, Scientist (Soil Science) Dr. Maruthadurai. R, Scientist (Agricultural Entomology) Dr. Shivasharanappa Nayakvadi, Scientist (Veterinary Pathology) Dr. Sreekanth G. B., Scientist (Fisheries Resource Management) Dr. Paramesha V., Scientist (Agronomy) Dr. Nibedita Nayak, Scientist (Poultry Science) Dr. Bappa Das, Scientist (Agricultural Meteorology)		