

Weather Based Agromet Advisory Bulletin
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(Applicable for North Goa district)
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Year 3, No: - 227_2021/Fri

Time: 3.30 PM

Date: 8th October 2021

Last week weather summary (03.10.2021 to 07.10.2021)					Weather parameters	Weather forecast (09.10.2021 to 13.10.2021)				
03	04	05	06	07	Date	09	10	11	12	13
7.0	2.0	0.0	36.4	124.6	Rainfall (mm)	17	12	17	45	55
31.4	31.8	33.0	30.2	30.2	Max. Temp. (°C)	31	31	32	30	30
23.4	23.6	24.6	23.2	23.5	Min. Temp. (°C)	25	24	24	24	24
					Cloud cover (Octa)	7	7	6	6	7
95	92	95	98	96	Max. RH (%)	93	95	93	94	94
72	73	69	79	79	Min. RH (%)	70	71	74	70	73
4.2	4.5	2.6	4.9	4.0	Wind Speed(km/h)	5	6	6	6	6
					Wind direction (°)	120	116	112	109	90

Old Goa station rainfall (mm) in the last week

Rainfall (mm) from 01/01/2021 to till dated

170.0 mm

3704.7 mm

Weather Summary/ Alert	<ul style="list-style-type: none"> Light to Moderate rainfall/ thundershowers very likely at many places for the district on 08th & 09th Oct 2021 Light to Moderate rainfall/ thundershowers very likely at most places for the district on 10th, 11th & 12th Oct 2021 No weather warning on 09th & 10th Oct 2021 Heavy rainfall very likely at isolated places on 11th & 12th Oct 2021 	
Extended range forecast	<p>Week 1 (8th Oct to 14th Oct)</p> <ul style="list-style-type: none"> Rainfall amount is very likely to be large excess over North Goa and South Goa districts Maximum and Minimum temperatures are likely to be normal <p>Week 2 (15th Oct to 21st Oct)</p> <ul style="list-style-type: none"> Rainfall amount is very likely to be excess over North Goa and South Goa districts Maximum and Minimum temperatures are likely to be normal 	
General advisory	<ul style="list-style-type: none"> Keep the fruit orchards, coconut and Arecanut gardens clean, by weeding and removing debris Take up the control measure against pest and diseases during morning hours and clear weather 	
SMS	<ul style="list-style-type: none"> Rain is likely to be accompanied with lightning and thunder from 08th to 12th Oct 2021 Hence it is advised to use Damini App for the lightning alerts in advance and reduce losses to life and property 	
Crop	Stage/Pest/ Disease	Advisory
Kharif paddy	Harvesting	<ul style="list-style-type: none"> There is a forecast of increasing in rainfall activity after 10th October. Hence complete the harvesting of Kharif paddy as much as possible within 2 days

		<ul style="list-style-type: none"> Keep the harvested paddy in a dry and safe place
Mango	Hoppers	<ul style="list-style-type: none"> In old mango orchard, centre opening operation can be carry out which increase penetration of sunlight and result in increase in flowering and decrease in pest incidence Due to increase in temperature and humidity there is possibility of incidence of hoppers on vegetative flush of mango, spray two rounds of Imidacloprid 0.2ml/lit of water First spray at the time of panicle emergence, second spray two weeks after first spray
Cashew	Tea mosquito bug Cashew stem and root borer (CSRB)	<ul style="list-style-type: none"> On cashew build-up of the Tea mosquito bug commences during October with the emergence of new flushes. Hence farmers are advised to look upon the cashew orchards for the Tea mosquito bug incidence Remove the grubs from the holes with the help of 15 mm chisel and apply Chloropyriphos 20 EC @ 5 ml/liter of water on the stem (swabbing) and drench the same solution @ 2 litre per tree. Apply Neem oil 5 ml/litre of water or neem cake 500g to1 kg / tree
Arecanut	Fruit rot (Koleroga)	<ul style="list-style-type: none"> The second spilt of fertilizers can be given to Arecanut trees of equal to or more than 5 years old. Apply urea 210 g, SSP – 1100 g and Murate of Potash 200 g per tree For controlling the of Fruit rot (Koleroga) in Arecanut application of Bordeaux mixture 1% can be done
Coconut	Bud rot	<ul style="list-style-type: none"> The second spilt of fertilizers can be given to Coconut trees of equal to or more than 5 years old. Apply urea 610 g, SSP – 2475 g and Murate of Potash 1200 g per tree Take up the control measure for bud rot (Spray 1% Bordeaux mixture) Farmers are suggested to look upon the incidence of Coconut mite and application of Neem cake - 5kg/palm can be done
Livestock	Babesiosis FMD	<ul style="list-style-type: none"> There is forewarning of very high risk of Babesiosis, for North Goa in the month of October 2021 Periodical application of acaricides in and around cattle shed is necessary for effective control of ticks Farmers should approach veterinary hospitals in case of animals showing fever and coffee colored urine Very high risk of Foot and Mouth Disease (FMD) occurrence in dairy animals First vaccination at the age of 4 months and thereafter once in six months (Between February – March and August -September) should be followed
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

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| | <ul style="list-style-type: none">• 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 |
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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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