



Weather Based Agromet Advisory Bulletin
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(Applicable for North Goa district)
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Year 3, No: - 238_2021/Tue

Time: 3.30 PM

Date: 23rd November 2021

Last week weather summary (18.11.2021 to 22.11.2021)					Weather parameters	Weather forecast (24.11.2021 to 28.11.2021)				
18	19	20	21	22	Date	24	25	26	27	28
0.0	0.0	1.3	66	0.0	Rainfall (mm)	13	7	0	0	0
32	32.6	29.0	30.4	31.0	Max. Temp. (°C)	33	33	34	33	33
25.0	25.0	24.5	22.4	23.0	Min. Temp. (°C)	24	24	23	23	23
					Cloud cover (Octa)	6	8	6	5	6
81	95	95	90	96	Max. RH (%)	92	86	86	84	79
65	80	95	59	69	Min. RH (%)	70	69	65	64	65
6.8	3.7	1.1	5.8	4.1	Wind Speed(km/h)	5	7	6	7	9
					Wind direction (°)	Northeast	East-Northeast	East	East-Northeast	East-Northeast

Old Goa station rainfall (mm) in the last week

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

0.0 mm

3939.7 mm

Weather Summary/Alert	<ul style="list-style-type: none"> Light to moderate rain/thundershowers very likely at a few places on 23rd Nov 2021 Light to moderate rain/thundershowers very likely at isolated places on 24th Nov 2021 Weather is very likely to be dry on 25th, 26th & 27th Nov 2021 Thunderstorm accompanied with lightning very likely at isolated places on 23rd Nov 2021 Maximum & minimum temperatures are likely to be around 33°C & 24°C respectively 	
Extended range forecast	<p>Week 1 (19th Nov to 25th Nov)</p> <ul style="list-style-type: none"> Rainfall amount is very likely to be large excess over the district Maximum and Minimum temperatures are likely to be normal <p>Week 2 (26th Nov to 2nd Dec)</p> <ul style="list-style-type: none"> Rainfall amount is very likely to be large excess over the district Maximum and Minimum temperatures are likely to be normal 	
General advisory	<ul style="list-style-type: none"> Take up control measures against pests and diseases in the plantation crops 	
SMS	<ul style="list-style-type: none"> Due to the forecast of dry weather during next 5 days, farmers are advised to take up sowing/transplanting of rabi crops wherever soil moisture is suitable 	
Crop	Stage/Pest/Disease	Advisory
Rabi paddy	Nursery sowing	<ul style="list-style-type: none"> Due to the forecast of dry weather during next 5 days, farmers are advised to take up nursery sowing of rabi paddy
Cowpea/Alsando	Sowing	<ul style="list-style-type: none"> Due to the forecast of dry weather during next 5 days, farmers are advised to take up sowing of cowpea wherever soil moisture is suitable for sowing Apply 108.7kg/ha - DAP, 11.81kg/ha - Urea, 50kg/ha - MOP,

		<p>23.81kg/ha - Zinc sulphate heptahydrate, 19.05kg/ha - Borax, at the time of sowing preferably in the planting lines</p> <ul style="list-style-type: none"> • Alsando-1, Nadora Bardez-4, and ICAR-CCARI released high yielding and bold cowpea variety (Goa cowpea-3) can be used for sowing • Seed treatment with Trichoderma viride @10g/kg or Pseudomonas fluorescens @ 10g/kg of seed or Carbendazim or Thiram 2g/kg is suggested before sowing
Groundnut	Sowing	<ul style="list-style-type: none"> • Due to the forecast of dry weather during next 5 days, farmers are advised to take up sowing of groundnut wherever soil moisture is suitable for sowing
Vegetables	Transplanting	<ul style="list-style-type: none"> • Due to the forecast of dry weather during next 5 days, farmers are advised to take up transplanting of seedlings wherever soil moisture is suitable
Mango	Hoppers Anthracnose Dieback	<ul style="list-style-type: none"> • Due to the forecast of dry weather during next 5 days, farmers are advised to take up the control measures • Spraying of Imidacloprid (0.3 ml per litre of water) will help to manage the mango hoppers • For Anthracnose - Spraying of Carbendazim@ 2 g per 1 litre of water is recommended • For dieback - Pruning of diseased twigs followed by application of Bordeaux paste
Cashew	Tea mosquito bug	<ul style="list-style-type: none"> • Due to the forecast of dry weather during next 5 days, farmers are advised to take up the control measures • Farmers are advised to look upon the cashew orchards for the Tea mosquito bug incidence and apply neem-based insecticides
Arecanut	Fruit rot (Koleroga) Arecanut root grubs Spindle bug	<ul style="list-style-type: none"> • Due to the forecast of dry weather during next 5 days, farmers are advised to take up the control measures • For controlling the Fruit rot (Koleroga) in Arecanut application of Bordeaux mixture 1% can be done • Digging and forking of soil around the basin of Arecanut palm to a depth of 10-15cm is recommended for control of Arecanut root grubs attack • Spray chlorpyrifos @2ml/litre of water for effective control
Coconut	Rhinoceros beetle White flies	<ul style="list-style-type: none"> • Due to the forecast of dry weather during next 5 days, farmers are advised to take up the control measures • The topmost leaf axils may be filled with powdered neem cake @ 250 g + fine sand (250g) per palm to control the rhinoceros beetles • To control white flies, application of 1% starch solution on leaflets to flake out the sooty moulds • In severe case, spray neem oil 0.5% and no insecticide is recommended • Installation of yellow sticky traps on the palm trunk to trap adult whiteflies
Livestock	FMD	<ul style="list-style-type: none"> • High risk of Foot and Mouth Disease (FMD) occurrence in dairy animals • Regular vaccination and disinfection with sodium carbonate (4%) or 10% washing soda should be followed

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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