



Weather Based Agromet Advisory Bulletin
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(Applicable for North Goa district)
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Year 3, No: - 232_2021/Fri

Time: 3.30 PM

Date: 29th October 2021

Last week weather summary (21.10.2021 to 28.10.2021)					Weather parameters	Weather forecast (30.10.2021 to 03.11.2021)				
24	25	26	27	28	Date	30	31	01	02	03
0.0	0.8	2.8	0.0	0.0	Rainfall (mm)	0	0	30	26	28
33.0	29.0	32.8	33.6	34.0	Max. Temp. (°C)	34	35	35	35	34
24.4	23.6	23.5	22.5	20.5	Min. Temp. (°C)	25	26	24	24	23
					Cloud cover (Octa)	7	7	8	8	7
88	98	96	85	82	Max. RH (%)	80	85	84	89	90
80	66	46	34	33	Min. RH (%)	65	66	67	69	69
4.2	2.4	4.2	3.1	4.1	Wind Speed(km/h)	10	5	5	6	5
					Wind direction (°)	East- Northeast	East- Northeast	East- Northeast	East- Northeast	East

Old Goa station rainfall (mm) in the last week

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

3.6 mm

3774.6 mm

**Weather
Summary/
Alert**

- Weather is very likely to be dry on 29th Oct 2021
- Light to moderate rain/thundershowers very likely at isolated places on 30th & 31st Oct 2021
- Light to moderate rain/thundershowers very likely at a few places on 01st & 02nd Nov 2021
- Maximum & minimum temperatures are likely to be around 34°C & 23°C respectively
- **Thunderstorm accompanied with lightning very likely at isolated places on 01st & 02nd Nov 2021**

**Extended
range
forecast**

Week 1 (29th Oct to 04th Nov)

- Rainfall amount is very likely to be excess over the district
- Maximum and Minimum temperatures are likely to be normal

Week 2 (05th Nov to 09th Nov)

- Rainfall amount is very likely to be large excess over the district
- Maximum and Minimum temperatures are likely to be normal

**General
advisory**

- Take up control measures against pests and diseases
- Mulching of palm/tree basins should be done to conserve soil moisture

SMS

- Possibility of increase in rainfall activity over the district from 01st November, farmers are advised to complete the harvesting of *Kharif* paddy and to keep the harvested paddy in the dry and safe place

Crop

**Stage/Pest/
Disease**

Advisory

**Kharif
paddy**

Harvesting

- Possibility of increase in rainfall activity from 01st November
- Hence farmers are advised to complete the harvesting of *Kharif* paddy and to keep the harvested paddy in the dry and safe place

Rabi paddy	Land preparation	<ul style="list-style-type: none"> Land preparation for nursery sowing of <i>Rabi</i> paddy can be started
Cowpea/ Alsando	Land preparation	<ul style="list-style-type: none"> Land preparation for the sowing of cowpea can be started
Rabi vegetables	Nursery preparation	<ul style="list-style-type: none"> Nursery preparation of Rabi vegetables like Chilli, Brinjal, Cabbage, KnolKhol, Radish, can be started To control major diseases of chilli crop, seed treatment with Imidachloprid @5-10g + Thiram @2g per kg of seeds is suggested
Mango	Mulching Hoppers Leaf webbers	<ul style="list-style-type: none"> Keep the orchards clean, by weeding and removing debris Mulching of tree basins should be done to conserve soil moisture Spraying of Imidacloprid (0.3 ml per litre of water) will help to manage the mango hoppers Possibility of incidence of leaf webbers in mango orchards during this season Hence pruning of overcrowded and overlapping branches, mechanical removal of infested leaf webs and destroying them by burning will help in managing this pest In severe cases spray of lambda-cyhalothrin @ 1 ml/ L is recommended
Cashew	Tea mosquito bug	<ul style="list-style-type: none"> Keep the orchards clean, by weeding and removing debris Mulching of tree basins should be done to conserve soil moisture 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	<ul style="list-style-type: none"> Mulching of palm basins can be undertaken Fallen dried leaves available in the garden can be used for mulching 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
Coconut	Bud rot Coconut mite	<ul style="list-style-type: none"> Mulching of palm basins can be undertaken Fallen dried leaves available in the garden can be used for mulching Removal and destruction of dried spathes, inflorescence parts and fallen nuts 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 November 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-coloured urine 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
Fisheries	Finfish/ shellfish	<ul style="list-style-type: none"> • The oyster/mussel farming can be planned with racks and the mother oysters can be hung from racks through nylon ropes (salinity of water should be more than 25 psu) • The collection of seeds (2.5-3.5 cm) may be started

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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