



Weather Based Agromet Advisory Bulletin
Gramin Krishi Mausam Sewa
(Applicable for North Goa district)
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Year 3, No: - 231_2021/Tue

Time: 3.30 PM

Date: 26th October 2021

Last week weather summary (21.10.2021 to 25.10.2021)					Weather parameters	Weather forecast (27.10.2021 to 31.10.2021)				
21	22	23	24	25	Date	27	28	29	30	31
0.0	0.0	0.0	0.0	0.8	Rainfall (mm)	2	0	0	5	10
32.6	30.6	32.8	33.0	29.0	Max. Temp. (°C)	34	33	33	35	34
24.6	24.4	24.8	24.4	23.6	Min. Temp. (°C)	24	24	24	26	25
					Cloud cover (Octa)	1	6	7	7	7
95	92	95	88	98	Max. RH (%)	80	80	80	85	85
74	67	68	80	66	Min. RH (%)	70	68	67	70	70
4.0	4.7	2.2	4.2	2.9	Wind Speed(km/h)	10	10	10	7	7
					Wind direction (°)	East-Northeast	East-Northeast	East-Northeast	East-Northeast	East-Northeast

Old Goa station rainfall (mm) in the last week

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

0.8 mm

3774.6 mm

**Weather
Summary/
Alert**

- Light to moderate rain/thundershowers very likely at isolated places over the district on 26th, 29th & 30th Oct 2021
- Weather is very likely to be dry on 27th & 28th Oct 2021
- No weather warning from 26th Oct 2021
- Maximum & minimum temperatures are likely to be around 33°C & 23°C respectively

**Extended
range
forecast**

- Week 1 (22nd Oct to 28th Oct)
- Rainfall amount is very likely to be large deficit
 - Maximum and Minimum temperatures are likely to be normal
- Week 2 (29th Oct to 04th Nov)
- Rainfall amount is very likely to be normal
 - Maximum and Minimum temperatures are likely to be normal

**General
advisory**

- Take up control measures against pest and diseases

SMS

- Mulching of palm/tree basins should be done to conserve soil moisture

Crop	Stage/Pest/ Disease	Advisory
Kharif paddy	Harvesting	<ul style="list-style-type: none"> • Light to moderate rain/thundershowers very likely at isolated places over the district on 29th & 30th Oct 2021 • Harvesting of <i>Kharif</i> paddy can be continued and it is advised to keep the harvested paddy in a dry and safe place
Rabi vegetables	Nursery preparation	<ul style="list-style-type: none"> • Nursery preparation of rabi vegetables like Chilli, Brinjal, Cabbage, KholKhol, Radish, can be started • Treat seeds with Thiram @ 3g/kg seed before sowing to control seed borne diseases

Mango	<p>Mulching</p> <p>Hoppers</p> <p>Leaf webbers</p>	<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	<p>Fruit rot (Koleroga)</p> <p>Arecanut root grubs</p>	<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 of Fruit rot (Koleroga) in Arecanut application of Bordeaux mixture 1% can be done • Digging and forking of soil around basin of Arecanut palm to a depth of 10-15cm is recommended for control of Arecanut root grubs attack
Coconut	<p>Bud rot</p> <p>Coconut mite</p>	<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	<p>Babesiosis</p> <p>FMD</p>	<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 colored 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"> • Ammonia levels should be tested as it increases after monsoon. The optimum range is 0.02 to 0.05 mg L-1 • If the values are exceeding the limit, 20-30% reduction in feeding rate, aeration (as suggested earlier), reduction of pond depth initially (if it is 2.0 m and reduce to 1.5 m) and gradually it can be raised to the normal level

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| | <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 from the last part of October |
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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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