



Weather Based Agromet Advisory Bulletin
Gramin Krishi Mausam Sewa
(Applicable for North Goa district)
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Year 3, No: - 236_2021/Fri

Time: 3.30 PM

Date: 12th November 2021

Last week weather summary (07.11.2021 to 11.11.2021)					Weather parameters	Weather forecast (13.11.2021 to 17.11.2021)				
07	08	09	10	11	Date	13	14	15	16	17
0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	3	16	32	18	25
32.0	32.6	32.4	33.0	33.0	Max. Temp. (°C)	33	34	34	33	33
24.4	24.2	22	21	20.8	Min. Temp. (°C)	24	24	24	24	23
					Cloud cover (Octa)	8	8	8	8	8
92	95	81	70	91	Max. RH (%)	75	89	91	92	95
57	61	45	33	51	Min. RH (%)	53	56	62	71	73
3.8	4.2	3.1	3.0	3.7	Wind Speed(km/h)	5	5	5	5	3
					Wind direction (°)	Northeast	East-Northeast	Northeast	East-south east	East-south east

Old Goa station rainfall (mm) in the last week

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

0.0 mm

3831.4 mm

**Weather
Summary/
Alert**

- Light rain/thundershowers very likely at isolated places on 12th Nov 2021
- Light to moderate rain/thundershowers very likely at a few places on 13th & 14th Nov 2021
- Light to moderate rain/thundershowers very likely at many places on 15th & 16th Nov 2021
- Maximum & minimum temperatures are likely to be around 32°C & 23°C respectively

**Extended
range
forecast**

Week 1 (12th Nov to 18th Nov)

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

Week 2 (19th Nov to 25th Nov)

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

**General
advisory**

- Farmers are suggested to carry out land preparation for the sowing of rabi crops
- Take up control measures against pests and diseases in the plantation crops

SMS

- **Thunderstorm accompanied with lightning to occur very likely at isolated places from 12th to 16th Nov 2021. Hence farmers are advised to take precautions and to use Damini app for lightning alerts in advance**

Crop

**Stage/Pest/
Disease**

Advisory

Rabi paddy

Land preparation and nursery sowing

- Land preparation for nursery sowing of Rabi paddy can be done
- Nursery sowing of rabi paddy can be started from 15th November
- Apply well-decomposed FYM, Green manures like Glyricidia, Dhaincha etc. grown on bunds/fences can be incorporated as per availability
- Proper levelling and bunding should be ensured for better water

		and soil conservation
Cowpea/ Alsando	Land preparation	<ul style="list-style-type: none"> • Land preparation for the sowing of cowpea can be done • Sowing of cowpea can be started from 15th November to 15th December • Apply FYM @ 5- 10 t/ha as basal with the last ploughing • Apply 108.7kg/ha – DAP, 11.81kg/ha – Urea, 50kg/ha – MOP, 23.81kg/ha – Zinc sulphate heptahydrate, 19.05kg/ha – Borax, at the time of sowing preferably in the planting lines • 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
Vegetables	Transplanting	<ul style="list-style-type: none"> • Transplanting of seedlings can be started from 15th November
Mango	Hoppers Leaf Webbers Anthracnose	<ul style="list-style-type: none"> • Due to the forecast of light to moderate rainfall from 12th to 16th Nov 2021, farmers are advised to take up the control measures only during morning hours and clear weather • Keep the orchards clean, by weeding and removing debris • 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 • For Anthracnose - Spraying of Carbendazim@ 2 g per 1 litre of water is recommended
Cashew	Tea mosquito bug	<ul style="list-style-type: none"> • Due to the forecast of light to moderate rainfall from 12th to 16th Nov 2021, farmers are advised to take up the control measures only during morning hours and clear weather • Keep the orchards clean, by weeding and removing debris • Mulching with dry leaves or paddy straw to be done to control evapotranspiration losses and weed growth • 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"> • Due to the forecast of light to moderate rainfall from 12th to 16th Nov 2021, farmers are advised to take up the control measures only during morning hours and clear weather • 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 Rhinoceros beetle White flies	<ul style="list-style-type: none"> • Due to the forecast of light to moderate rainfall from 12th to 16th Nov 2021, farmers are advised to take up the control measures only during morning hours and clear weather • 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 • 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	Babesiosis FMD	<ul style="list-style-type: none"> • There is a forewarning of very high risk of Babesiosis, for North Goa in 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
Poultry		<ul style="list-style-type: none"> • As temperature rises beyond 30°C, the feed intake declines at an increasing rate. Hence provide feed at cooler parts of the day i.e early morning and late evening • Reduce stocking densities or provide more floor space/bird

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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