



Weather Based Agromet Advisory Bulletin
Gramin Krishi Mausam Sewa
 (Applicable for North Goa district)
ICAR-Central Coastal Agricultural Research Institute
 Ela, Old Goa – 403402, Goa
 Email – northgoa.damu@gmail.com



Year 3, No: - 229_2021/Thr

Time: 3.30 PM

Date: 14th October 2021

Last week weather summary (09.10.2021 to 13.10.2021)					Weather parameters	Weather forecast (15.10.2021 to 19.10.2021)				
09	10	11	12	13	Date	15	16	17	18	19
0.0	4.0	12.4	2.6	0.0	Rainfall (mm)	7	0	0	0	0
30.5	31.4	30.8	31.0	31.0	Max. Temp. (°C)	33	32	33	34	33
24.5	24.6	24.6	24.3	23.6	Min. Temp. (°C)	24	24	24	24	23
					Cloud cover (Octa)	7	4	5	5	7
93	93	97	93	96	Max. RH (%)	95	83	80	91	91
70	70	73	72	73	Min. RH (%)	58	49	43	56	62
4.9	4.9	2.8	2.7	3.9	Wind Speed(km/h)	5	6	3	6	4
					Wind direction (°)	East-Northeast	East-Northeast	East-Northeast	East-Southeast	East-Southeast

Old Goa station rainfall (mm) in the last week	Rainfall (mm) from 01/01/2021 to till dated
19.0 mm	3723.7 mm

Weather Summary/Alert	<ul style="list-style-type: none"> Light to Moderate rainfall/ thundershowers very likely at few places on 14th & 15th Oct 2021 Weather is likely to be dry on 16th, 17th & 18th Oct 2021 No weather warning for 5 days Maximum & minimum temperatures are likely to be around 32°C & 24°C respectively
------------------------------	---

Extended range forecast	Week 1 (8th Oct to 14th Oct) <ul style="list-style-type: none"> Rainfall amount is very likely to be large excess Maximum and Minimum temperatures are likely to be normal
	Week 2 (15th Oct to 21st Oct) <ul style="list-style-type: none"> Rainfall amount is very likely to be excess 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"> There is a very high risk of Foot and Mouth Disease (FMD) occurrence in dairy animals. Hence vaccination and control measures should be followed strictly
------------	---

Crop	Stage/Pest/Disease	Advisory
Kharif paddy	Harvesting	<ul style="list-style-type: none"> Harvesting of <i>Kharif</i> paddy can be continued Keep the harvested paddy in a dry and safe place, since the light to moderate at a few places is forecasted on 14th & 15th Oct 2021
Chilli	Nursery preparation	<ul style="list-style-type: none"> Nursery preparation of rabi chilli can be done Treat seeds with Thiram @ 3g/kg seed before sowing to control Anthracnose or Fruit Rot

Mango	Hoppers	<ul style="list-style-type: none"> Keep the orchards clean, by weeding and removing debris 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"> Keep the orchards clean, by weeding and removing debris 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 Chlorpyriphos 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 to 1 kg / tree
Arecanut	Fruit rot (Koleroga) Arecanut root grubs	<ul style="list-style-type: none"> Application of second spilt of fertilizers (urea 210 g, SSP – 1100 g and Murate of Potash 200 g per tree) can be done if not given during September month 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	Bud rot	<ul style="list-style-type: none"> Application of second spilt of fertilizers (urea 610 g, SSP – 2475 g and Murate of Potash 1200 g per tree) can be done if not given during September month 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	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

- | | | |
|--|--|--|
| | | <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 |
|--|--|--|

Source of Weather Forecast :- Regional Meteorological Centre (RMC), Mumbai
Meteorological Centre (MC), Goa

Members of Agro Advisory Committee of ICAR CCARI, Goa

Dr. A. R. Desai, Principal Scientist (Fruit Science)

Dr. V. Arunachalam, Principal Scientist (Spices, Plantation and Medicinal & Aromatic Crops)

Dr. R. Ramesh, Principal Scientist (Plant Pathology)

Shri. H.R.C. Prabhu, Senior Scientist and Head In-charge, ICAR – Krishi Vigyan Kendra, North Goa

Dr. Gopal Ramdas Mahajan, Scientist (Soil Science)

Dr. Maruthadurai. R, Scientist (Agricultural Entomology)

Dr. Shivasharanappa Nayakvadi, Scientist (Veterinary Pathology)

Dr. Sreekanth G. B., Scientist (Fisheries Resource Management)

Dr. Paramesha V., Scientist (Agronomy)

Dr. Nibedita Nayak, Scientist (Poultry Science)

Dr. Bappa Das, Scientist (Agricultural Meteorology)