



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: - 228_2021/Tue

Time: 3.30 PM

Date: 12th October 2021

Last week weather summary (07.10.2021 to 11.10.2021)					Weather parameters	Weather forecast (13.10.2021 to 17.10.2021)				
07	08	09	10	11	Date	13	14	15	16	17
124.6	0.0	0.0	4.0	12.4	Rainfall (mm)	24	4	3	0	0
30.2	30.4	30.5	31.4	30.8	Max. Temp. (°C)	32	33	33	34	34
23.5	24.5	24.5	24.6	24.6	Min. Temp. (°C)	23	24	24	24	24
					Cloud cover (Octa)	6	5	5	5	6
96	97	93	93	97	Max. RH (%)	94	95	91	85	91
79	67	70	70	73	Min. RH (%)	71	58	57	47	53
4.0	5.7	4.9	4.9	2.8	Wind Speed(km/h)	5	5	5	5	5
					Wind direction (°)	67	71	60	68	75

Old Goa station rainfall (mm) in the last week

141.0 mm

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

3723.7 mm

Weather Summary/ Alert	<ul style="list-style-type: none"> Light to Moderate rainfall/ thundershowers very likely at many places on 12th Oct 2021 Light to Moderate rainfall/ thundershowers very likely at a few places on 13th & 14th Oct 2021 Light to Moderate rainfall/ thundershowers very likely at isolated places on 15th & 16th Oct 2021 Thunderstorm accompanied with lightning very likely at isolated places on 12th Oct 2021 No weather warning on 13th, 14th, 15th & 16th Oct 2021 	
Extended range forecast	<p>Week 1 (8th Oct to 14th Oct)</p> <ul style="list-style-type: none"> Rainfall amount is very likely to be large excess over North Goa and South Goa districts Maximum and Minimum temperatures are likely to be normal <p>Week 2 (15th Oct to 21st Oct)</p> <ul style="list-style-type: none"> Rainfall amount is very likely to be excess over North Goa and South Goa districts 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"> 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 	
Crop	Stage/Pest/ Disease	Advisory
Kharif paddy	Harvesting	<ul style="list-style-type: none"> Harvesting of <i>Kharif</i> paddy can be continued

		<ul style="list-style-type: none"> Keep the harvested paddy in a dry and safe place, since the light to moderate at a few places is forecasted on 13th & 14th Oct 2021
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

- The water level in the pond should be maintained at least 2 -2.5 m letting the excess water drain out
- Removal of unwanted predatory fishes/crabs
- Stocking of fish seeds of 80-100 mm size (Catla, Rohu, Common Carp may be followed) at stocking density of 5000 numbers per ha
- Feeding of groundnut oil cake: Wheat bran (1:1) ratio at 8-10% of total biomass of the Stock (Total weight of stock) may be followed

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)