



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
ICAR Central Coastal Agricultural Research Institute, Ela
North Goa



Agromet Advisory Bulletin

Date : 01-10-2021

Weather Forecast of NORTH-GOA(Goa) Issued On : 2021-10-01(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-10-02	2021-10-03	2021-10-04	2021-10-05	2021-10-06
Rainfall(mm)	26.0	39.0	17.0	20.0	34.0
Tmax(°C)	32.0	33.0	34.0	35.0	34.0
Tmin(°C)	25.0	25.0	26.0	26.0	27.0
RH-I(%)	94	94	92	89	89
RH-II(%)	67	67	66	61	66
Wind Speed(kmph)	6.0	5.0	5.0	4.0	3.0
Wind Direction(Degree)	38	46	93	95	88
Cloud cover(octa)	3	5	7	5	7

Weather Summary/Alert:

• Light to Moderate rainfall/ thundershowers very likely at a few places for the district on 01st & 02nd Oct 2021 • Light to Moderate rainfall/ thundershowers very likely at many places on 03rd, 04th & 05th Oct 2021 • Maximum & minimum temperatures are likely to be around 32°C & 25°C respectively Week 1 (1st Oct to 7th Oct) • Rainfall amount is very likely to be normal over North Goa and South Goa districts • Maximum and Minimum temperatures are likely to be normal Week 2 (8th Oct to 14th Oct) • 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

General Advisory:

• Take up the control measure against pest and diseases during clear weather

SMS Advisory:

• Rain is likely to be accompanied with lightning/thunder on 02nd and 03rd Oct 2021. Hence it is advised to use Damini App for the lightning alerts in advance and reduce losses to life and property

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Drain out the water from the paddy field 8 to 10 days before harvesting • Do not apply any insecticides/fungicides on the matured rice crop • Since the light to moderate rainfall is forecasted, the harvested paddy should be kept in safe and dry places
CASHEW	• 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 Chloropyriphos 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

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	<ul style="list-style-type: none"> • 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
ARECANUT	<ul style="list-style-type: none"> • The second spilt of fertilizers can be given to Arecanut trees of equal to or more than 5 years old. Apply urea 210 g, SSP – 1100 g and Murate of Potash 200 g per tree • For controlling the of Fruit rot (Koleroga) in Arecanut application of Bordeaux mixture 1% can be done
COCONUT	<ul style="list-style-type: none"> • The second spilt of fertilizers can be given to Coconut trees of equal to or more than 5 years old. Apply urea 610 g, SSP – 2475 g and Murate of Potash 1200 g per tree • 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

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	<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 Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
CARP	<ul style="list-style-type: none"> • 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