



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



Agromet Advisory Bulletin

Date : 18-10-2021

Weather Forecast of NORTH-GOA(Goa) Issued On : 2021-10-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-10-19	2021-10-20	2021-10-21	2021-10-22	2021-10-23
Rainfall(mm)	3.0	2.0	0.0	0.0	0.0
Tmax(°C)	31.0	31.0	33.0	33.0	35.0
Tmin(°C)	25.0	24.0	25.0	25.0	25.0
RH-I(%)	94	93	90	89	83
RH-II(%)	62	64	56	52	48
Wind Speed(kmph)	4.0	5.0	5.0	5.0	3.0
Wind Direction(Degree)	109	48	46	48	58
Cloud cover(octa)	4	8	6	7	6

Weather Summary/Alert:

- Light to Moderate rainfall/ thundershowers very likely at a few places for the district on 18th Oct 2021
- Light to Moderate rainfall/ thundershowers very likely at isolated places for the district on 19th Oct 2021
- Weather is very likely to be dry on 20th, 21st & 22nd Oct 2021
- No weather warning for 5 days
- Maximum & minimum temperatures are likely to be around 32°C & 25°C respectively Week 1 (15th Oct to 21st Oct)
- Rainfall amount is very likely to be large excess
- Maximum and Minimum temperatures are likely to be normal Week 2 (22nd Oct to 28th Oct)
- Rainfall amount is very likely to be large excess
- Maximum and Minimum temperatures are likely to be normal

General Advisory:

- 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 Advisory:

- Farmers are suggested to start nursery preparation of rabi vegetables

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Harvesting of Kharif paddy can be continued • Keep the harvested paddy in a dry and safe place
CASHEW	• 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 Chlorpyrifos 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
ARECANUT	<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	<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
CHILLI	<ul style="list-style-type: none"> • Nursery preparation of rabi vegetables like Chilli, Brinjal, Cabbage, Khol Khol, Radish, can be started
MANGO	<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

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
INLAND	<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 • 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