



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



Agromet Advisory Bulletin

Date : 20-01-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-01-20(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-01-21	2023-01-22	2023-01-23	2023-01-24	2023-01-25
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	33.0	33.0	32.0	33.0	33.0
Tmin(°C)	19.0	20.0	20.0	20.0	20.0
RH-I(%)	61	73	67	67	66
RH-II(%)	24	33	32	25	39
Wind Speed(kmph)	8.0	7.0	9.0	7.0	8.0
Wind Direction(Degree)	75	68	68	70	112
Cloud cover(octa)	4	1	1	2	2

Weather Summary/Alert:

Weather Inference • South-easterly winds prevail in the lower levels of atmosphere over Goa
Weather Summary/ Alert • Weather is likely to be dry during next 5 days • Haze/Shallow Fog likely at isolated places on 20th& 21st Jan 2023 • Fall in minimum temperature by 1- 2°C in 24 hours. No large change thereafter. • Maximum & minimum temperatures are likely to be around 33°C & 19°C respectively
Extended range forecast Week 1 (January 20th – January 26th) • Rainfall is very likely to be large deficient • Maximum temperature is likely to be 0-2°C lower than normal • Minimum temperature is likely to be 0-2°C lower than normal
Week 2 (January 27th – February 02nd) • Rainfall is very likely to be large excess • Maximum temperature is likely to be 2-4°C lower than normal • Minimum temperature is likely to be 0-2°C higher than normal

General Advisory:

• Provide irrigation to the crops at regular intervals

SMS Advisory:

• Weeding and earthing up can be done in the rabi crops

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Due to forecast of dry weather during next 5 days • Maintain water level in the field • Farmers are suggested to take up weeding in the early transplanted fields
GROUNDNUT	• Farmers are suggested to take up irrigation and weeding in the groundnut fields • Take control measures against sucking pest in groundnut • Fix yellow color sticky

Crop(Varieties)	Crop Specific Advisory
	traps in the field to reduce aphids and other sucking pests • Earthing up has to be done • Apply gypsum before earthing up @ 500 kg / ha and before the initiation of flowering

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COWPEA/ LOBIA	• Farmers are suggested to take up irrigation and weeding in the cowpea fields • Take control measures against cowpea aphids • Fix yellow color sticky traps in the field to reduce aphids and other sucking pests
CHILLI	• Take control measures against sucking pests by placing yellow sticky traps • Provide irrigation for the chilli plants
MANGO	• Due to forecast of dry weather during next 5 days, irrigation can be continued for mango trees • Spraying of 2% potassium nitrate is recommended to increase the fruit set and retention of fruits • Spraying of wetttable sulphur (2 ml per litre of water) or carbendazim (1 ml per litre of water) is recommended for powdery mildew • Spraying of Imidacloprid (0.3 ml per liter of water) will help to manage the mango hoppers
CASHEW	• Due to forecast of dry weather during next 5 days, irrigation can be continued for cashew trees • Take control measures against Tea mosquito bug in cashew • Neem based insecticides can be applied
COCONUT	• Due to forecast of dry weather during next 5 days, irrigation can be continued for coconut trees • Control measures can be taken up for pest and diseases • Possibility of incidence of rugose spiraling whitefly • In juvenile palms, spraying water with jet speed could dislodge the whitefly and reduce the feeding as well as the breeding potential of the pest • Installation of yellow sticky traps • In severe cases, spray only neem oil 0.5% or NSKE 5% and avoid spraying any form of insecticides • Possibility of Rhinoceros beetle incidence, hence adopt the mechanical method of control by extracting beetles with beetle hooks, without causing further injury to the growing point of the palm • The topmost leaf axils may be filled with powdered neem cake/Marotti cake (Hydrocarpus sp/ Pongamia) @ 250 g + fine sand (250g) per palm as a prophylactic measure
ARECANUT	• Due to forecast of dry weather during next 5 days, irrigation can be continued for Arecanut trees • The harvested nuts can be sundried for about 45 days • It is essential to spread the nuts uniformly in a single layer for drying

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	• A very high risk of babesiosis is predicted for the month of January • 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 • A very high risk of Peste-des-Petitis Ruminants in Goats predicted for the month of January • Proper disinfection of goat farms is absolute necessary to prevent diseases • First vaccination at the age of 3 months and thereafter once in 3 years

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
BIRD	• Provision of artificial light in the laying shed to increase the total light period upto 16 hours is required. • In cold and hilly areas, provide side curtains without restricting proper ventilation • Biosecurity measures should be followed to prevent

Poultry(Varieties)	Poultry Specific Advisory
	bird flu in poultry birds • Confine the birds to indoors or in own surrounding area • Keep the yard and surroundings clean and regularly bury/ burn the wastes • Vaccinate the birds as per the vaccination schedule