



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



Agromet Advisory Bulletin

Date : 03-01-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-01-03(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-01-04	2023-01-05	2023-01-06	2023-01-07	2023-01-08
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	32.0	32.0	32.0	32.0	32.0
Tmin(°C)	21.0	21.0	21.0	21.0	20.0
RH-I(%)	74	72	66	64	57
RH-II(%)	34	36	34	26	32
Wind Speed(kmph)	7.3	8.1	8.6	9.8	9.6
Wind Direction(Degree)	79	71	75	75	75
Cloud cover(octa)	0	0	0	0	0

Weather Summary/Alert:

Weather Inference • South easterly winds prevail in the lower levels of atmosphere over Goa upto 1.5 km above the mean sea level
Weather Summary/ Alert • Weather is likely to be dry during next 5 days • Haze/Shallow Fog likely in the morning at isolated places on 02nd & 03rd Jan 2023 • Gradual rise in minimum temperature by 1-2°C in the coming 4 days • Maximum & minimum temperatures are likely to be around 32°C & 20°C respectively
Extended range forecast Week 1 (December 30th– January 5th) • Rainfall is very likely to be large deficient • Maximum temperature is likely to be 0-2°C higher than normal • Minimum temperature is likely to be 0-2°C higher than normal
Week 2 (January 6th – January 12th) • 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

General Advisory:

• Complete the sowing of rabi crops • Irrigation can be continued for all the crops

SMS Advisory:

• Take suitable measures against livestock diseases

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Due to forecast of dry weather during next 5 days • Farmers can take up transplanting of 21-25 days rabi paddy seedlings • Maintain water level in the field • To ensure soil and water conservation, proper levelling and bunding should be done

Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	<ul style="list-style-type: none"> • 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 traps in the field to reduce aphids and other sucking pests

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COWPEA/ LOBIA	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Take control measures against sucking pests by placing yellow sticky traps • Provide irrigation for the chilli plants
MANGO	<ul style="list-style-type: none"> • Due to forecast of dry weather during next 5 days, provide irrigation for the young plants and trees • Control measures can be taken up for pest and diseases • Possibility of incidence of shoot borer on vegetative flush of mango, spray Quinalphos 25% EC @2 ml per liter of water • Spraying of wettable 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 • Possibility of incidence of leaf webbers in mango orchards during this season • Hence pruning of overcrowded and overlapping branches, mechanical removal of infested leaf webs and destroying them by burning will help in managing this pest • In severe cases spray of lambda-cyhalothrin @ 1 ml/ L is recommended
CASHEW	<ul style="list-style-type: none"> • Due to forecast of dry weather during next 5 days, provide irrigation for the young plants and trees • Take control measures against Tea mosquito bug in cashew • Neem based insecticides can be applied
COCONUT	<ul style="list-style-type: none"> • Due to forecast of dry weather during next 5 days, provide irrigation for the young plants and 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	<ul style="list-style-type: none"> • Harvesting of nuts at correct stages is very important for obtaining the produce of better quality • It should be ensured that fully ripe nuts are harvested • 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	<ul style="list-style-type: none"> • 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