



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Central Coastal Agricultural Research Institute, Ela
North Goa



Agromet Advisory Bulletin

Date : 17-01-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-01-17(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-01-18	2023-01-19	2023-01-20	2023-01-21	2023-01-22
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	31.0	32.0	33.0	33.0	33.0
Tmin(°C)	18.0	19.0	19.0	19.0	20.0
RH-I(%)	77	65	67	62	58
RH-II(%)	32	26	28	25	23
Wind Speed(kmph)	7.3	7.8	8.2	8.6	9.0
Wind Direction(Degree)	72	71	68	79	79
Cloud cover(octa)	0	1	1	3	2

Weather Summary/Alert:

Weather Inference • South-easterly winds prevail in the lower levels of atmosphere over Goa upto around 2 km above mean sea level
 Weather Summary/ Alert • Weather is likely to be dry during next 5 days • Moderate Fog likely at isolated places on 17 th & 18 th Jan 2023 • Haze/Shallow Fog likely at isolated places on 19th Jan 2023 • Fall in minimum temperature by around 1°C in 24 hours. Gradual rise by around 2°C during subsequent 3-4 days • Maximum & minimum temperatures are likely to be around 31°C & 19°C respectively
 Extended range forecast Week 1 (January 13th – January 19th) • 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 20th – January 26th) • Rainfall is very likely to be normal • 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:

• Irrigation can be continued for the crops • Take control measures against pest and diseases

SMS Advisory:

• Farmers are suggested to take control measures against sucking pests

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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 traps in the field to reduce aphids and other sucking pests

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

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
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, 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 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
CASHEW	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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
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

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
BIRD	<ul style="list-style-type: none"> • 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 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.