



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



Agromet Advisory Bulletin

Date : 09-01-2024

Weather Forecast of NORTH-GOA(Goa) Issued On : 2024-01-09(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-01-10	2024-01-11	2024-01-12	2024-01-13	2024-01-14
Rainfall(mm)	5.0	2.0	0.0	0.0	0.0
Tmax(°C)	32.0	32.0	33.0	34.0	34.0
Tmin(°C)	24.0	24.0	23.0	23.0	22.0
RH-I(%)	86	79	61	59	61
RH-II(%)	51	48	34	27	34
Wind Speed(kmph)	8	7	9	8	7
Wind Direction(Degree)	72	68	71	81	105
Cloud cover(octa)	6	7	3	1	0

Weather Summary/Alert:

Weather Summary • Light rain likely at few places on 09 Jan 2024 • Light rain likely at isolated places on 10 Jan 2024 • Weather is very likely to be dry for subsequent 3 days • Haze/ shallow fog likely at isolated places on 11 January 2024 • Maximum & minimum temperatures are likely to be around 32°C & 25°C respectively Extended range forecast • Week 1 (January 05th – January 11th) Rainfall is very likely to be large excess Maximum temperature is likely to be 0-2°C lower than normal Minimum temperature is likely to be 0-2°C higher than normal • Week 2 (January 12th – January 18th) 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 lower than normal

General Advisory:

• Possibility of incidence of pests and diseases, due to the forecast of light rainfall and cloudy weather on 09 & 10 Jan 2024. Hence take suitable control measures • Use meghdoot mobile app for agromet advisories

SMS Advisory:

• “Amrashakti” (Multi Nutrient Spray by DBSKKV, Dapoli) can be used for foliar application during flowering and fruit development to improve quality and yield of Alphonso mango

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE	• Considering the forecast of light rainfall on 09 & 10 Jan 2024 and followed by dry weather on subsequent days, farmers are suggested to continue the

	transplanting of rabi paddy seedlings which are 20 – 25 days old
GROUNDNUT	<ul style="list-style-type: none"> • Considering the forecast of light rainfall on 09 & 10 Jan 2024 and cloudy weather, possibility of increase in the incidence of sucking pests • Hence take control measures on against aphids during clear sky • Apply NSKE 5% (neem seed kernel extract) or install yellow sticky traps • Take up intercultivation operations and keep the fields weed free

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
COWPEA/ LOBIA	<ul style="list-style-type: none"> • Considering the forecast of light rainfall on 09 & 10 Jan 2024 and cloudy weather, possibility of increase in the incidence of cowpea aphids • Hence take control measures on against aphids during clear sky • Apply NSKE 5% (neem seed kernel extract) or install yellow sticky traps • Take up intercultivation operations and keep the fields weed free
CHILLI	<ul style="list-style-type: none"> • Considering the forecast of light rainfall on 09 & 10 Jan 2024 and cloudy weather, possibility of increase in the incidence of sucking pests • Hence take control measures on against aphids during clear sky • Apply NSKE 5% (neem seed kernel extract) or install yellow sticky traps • Take up intercultivation operations and keep the fields weed free
MANGO	<ul style="list-style-type: none"> • Possibility of increase in incidence of pest and disease in mango, due to the forecast of light rainfall and cloudy weather on 09 & 10 Jan 2024 and cloudy weather • For mango hoppers - Spray two rounds of Imidacloprid 0.2ml/lit of water • First spray at the time of panicle emergence, second spray two weeks spray • For anthracnose – Spray carbendazim 0.1% at 14 days interval is recommended for managing disease • For powdery mildew – The prophylactic spray of wettable Sulphur (0.2 %) or carbendazim (0.1 %) at the time of flowering and subsequent spray after fortnight will greatly help in reducing the incidence • “Amrashakti” (Multi Nutrient Spray by DBSKKV, Dapoli) can be used @ 1 liter/19 litres of water for foliar application during flowering and fruit development to improve quality and yield of Alphonso mango • Note: Spray needs to be avoided during full bloom or during pollination. If spraying is necessary, it should be done outside of the pollination time (09.00 am to 12.00 p. m.) to prevent affecting the pollinating insects in the garden. Spraying insecticides or fungicides is best done in the morning or evening. Pollinator’s population can be increased by keeping bee hives in the orchard
CASHEW	<ul style="list-style-type: none"> • Possibility of increase in incidence of Tea mosquito bug in Cashew, due to the forecast of light rainfall and cloudy weather on 09 & 10 Jan 2024 and cloudy weather • For Tea mosquito bug infestation, lambda cyhalothrin 5% @ 6 ml spray in 10 liters of water can be done • Take weed management practices and mulching of the tree basin to conserve moisture
COCONUT	<ul style="list-style-type: none"> • Possibility of increase in incidence of pests in coconut, due to the forecast of light rainfall and cloudy weather on 09 & 10 Jan 2024 • To control rugose spiraling whitefly spraying of water with jet speed could dislodge the whitefly and reduce the feeding as well as 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 @ 250 g + fine sand (250g) per palm as a prophylactic measure • Take weed management practices and mulching of the tree basin to conserve moisture • Circular basins of 1.8m in radius and 25 cm depth may be dug and green leaf or compost or farm yard manure may be spread in the basin

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	<ul style="list-style-type: none"> • Dairy farmers are advised to feed mineral mixture daily to their cattle. The dose of mineral mixture is 30 to 50 grams and varies from company to company. • Mineral mixture provides essential minerals and vitamins to cattle which are required daily to maintain good production and reproduction. • Chelated mineral mixture is always effective than feeding plain mineral mixture. Bioavailability is more for chelated mineral mixture than plain MM

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
BIRD	<ul style="list-style-type: none"> • In cold and hilly areas, provide side curtains without restricting proper ventilation