



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin
ICAR Central Coastal Agricultural Research Institute, Ela
North Goa



Agromet Advisory Bulletin

Date : 22-07-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-07-22(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-07-23	2022-07-24	2022-07-25	2022-07-26	2022-07-27
Rainfall(mm)	18.0	20.0	38.0	35.0	15.0
Tmax(°C)	31.0	30.0	29.0	30.0	30.0
Tmin(°C)	25.0	24.0	23.0	24.0	24.0
RH-I(%)	90	90	95	88	89
RH-II(%)	72	71	74	75	74
Wind Speed(kmph)	11.7	11.4	11.9	10.2	9.0
Wind Direction(Degree)	292	291	292	283	294
Cloud cover(octa)	6	7	8	7	7

Weather Summary/Alert:

• Light to moderate rainfall very likely at most places on 22nd to 26th July 2022 • No weather warnings for 22nd, 23rd, 25th & 26th July 2022 • Heavy rainfall very likely at isolated places over the district on 24th July, 2022 • Maximum & minimum temperatures are likely to be around 31°C & 25°C respectively Week 1 (July 22nd – July 28th) • Rainfall is very likely to be deficient • Maximum temperature is likely to be normal • Minimum temperature is likely to be normal Week 2 (July 29th – Aug 4th) • Rainfall is very likely to be deficient • Maximum temperature is likely to be normal • Minimum temperature is likely to be normal

General Advisory:

• Drain out excess water from the fields • Take up control measures against pest and diseases during clear weather

SMS Advisory:

• Take control measures against cashew stem and root borer (CSRB) in cashew. Apply Chlorpyrifos 20 EC @ 5 ml/liter of water or neem oil 5 ml/liter of water

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Farmers can complete the transplanting of Kharif paddy and make arrangements to drain excess water from the fields and maintain the water level in the field because light to moderate rainfall is forecast over the next five days

Crop(Varieties)	Crop Specific Advisory
CASHEW	<ul style="list-style-type: none"> • Drain out excess water from the orchards • Due to high humidity and rainfall, possibility of incidence of cashew stem and root borer • Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs) • 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) Or Apply Neem oil 5 ml/liter of water or neem cake 500g to 1 kg / tree • Avoid fertilizer application on July 24, 2022, as heavy rainfall is forecasted at isolated areas over the district

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BOTTLE GOURD	<ul style="list-style-type: none"> • Drain out excess water from the vegetables fields • Removal of weeds should be done • Earthing up and staking should be provided and Urea (Nitrogen) application can be done – 17.5 kg/acre for the crops in flowering stage • The fertilizers should be applied in a ring at 6-7 cm from the base of the stem • Avoid fertilizer application on July 24, 2022, as heavy rainfall is forecasted at isolated areas over the district
MANGO	<ul style="list-style-type: none"> • Drain out excess water from the orchards • Due to high humidity and rainfall, possibility of anthracnose in mango trees. • Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs) • Spraying of carbendazim @ 2 g per 1 liter of water is recommended to protect the new flushing in mango from the incidence of anthracnose • Avoid spraying application on July 24, 2022, as heavy rainfall is forecasted at isolated areas over the district
COCONUT	<ul style="list-style-type: none"> • Drain out excess water from the coconut gardens • Due to high humidity and rainfall, possibility of incidence of but rot • Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs) • Hence spraying of 1% Bordeaux mixture is recommended • Avoid fertilizer application on July 24, 2022, as heavy rainfall is forecasted at isolated areas over the district
ARECANUT	<ul style="list-style-type: none"> • Drain out excess water from the arecanut gardens • Due to high humidity and rainfall, possibility of incidence of but rot • Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs) • Hence spraying of 1% Bordeaux mixture is recommended • Avoid fertilizer application on July 24, 2022, as heavy rainfall is forecasted at isolated areas over the district

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	<ul style="list-style-type: none"> • Mastitis in cattle is predisposed by heavy rain and high humidity; therefore, maintain the dairy shed clean and dry • Use post-milking teat dip cup to prevent mastitis • Farmers must spray their animals frequently for removal of ectoparasites & cut all bushes near their sheds • Make sure that feeds are stored in a dry place to avoid mould infestation • If fever, shivering, brown colored urine, off feed etc. are noticed, consult veterinary doctor immediately

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
CARP	<ul style="list-style-type: none"> • The water level in the pond should be maintained at 2 to 2.5 m letting the excess water drain out • Stocking of carp fish fingerlings (80-100 mm) @5000-7000 no/ha may be followed based on the seed availability • Feeding of groundnut oil cake: Wheat bran (1:1) ratio at 5-6% of total biomass of the Stock (Total weight of stock) may be followed • Net fences may be provided around the bunds if any issue of wild aquatic animals (crocodiles, otters)

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
BIRD	<ul style="list-style-type: none">• Prevent the feed ingredients from getting wet, and the amount of feed should not be too much• The compound feed in the house should be placed on the platform above the ground to prevent the feed from regaining moisture• Regular checking of feeders to avoid fungus contamination• Provide your birds with warm water periodically during this rainy season to encourage consumption and help them keep warm without using up energy reserved in the process• Supplementary feeding should be given to the scavenging birds in backyard