



Gramin Krishi Mausam Sewa

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



Agromet Advisory Bulletin

Date : 02-05-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-05-02(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-05-03	2022-05-04	2022-05-05	2022-05-06	2022-05-07
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	34.0	35.0	35.0	35.0	34.0
Tmin(°C)	27.0	27.0	27.0	27.0	26.0
RH-I(%)	90	91	82	90	85
RH-II(%)	42	38	41	39	44
Wind Speed(kmph)	10.6	10.6	11.7	11.1	12.1
Wind Direction(Degree)	297	292	289	292	292
Cloud cover(octa)	2	1	3	3	6

Weather Summary/Alert:

• Weather is very likely to be dry over the district on 02nd, 03rd, 04th, 05th & 06th May 2022 • No large change in maximum temperature during 24 hrs. Rise by around 1°C during the subsequent 2 days. No large change thereafter • Maximum & minimum temperatures are likely to be around 35°C & 27°C respectively Week 1 (Apr 29th to May 5th) • Rainfall is very likely to be Large excess over the district • Maximum temperature is likely to be normal • Minimum temperature is likely to be normal Week 2 (May 6th to May 12th) • Rainfall amount is very likely to be large deficit over the district • Maximum temperature is likely to be normal • Minimum temperature is likely to be normal

General Advisory:

Weather is very likely to be dry from 2nd May to 6th May, 2022. Hence, Irrigation can be continued for the crops

SMS Advisory:

To control mites in coconut, spraying of 2% neem-garlic emulsion or azadirachtin 10000 ppm @0.004% is recommended

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Weather is very likely to be dry from 2nd May to 6th May, 2022 • Hence farmers are suggested to continue the harvesting of matured rice
GROUNDNUT	• Weather is very likely to be dry from 2nd May to 6th May, 2022 • Hence farmers are suggested to continue the harvesting of groundnut

Crop(Varieties)	Crop Specific Advisory
CASHEW	<ul style="list-style-type: none"> • Weather is very likely to be dry from 2nd May to 6th May, 2022 • Irrigation can be continued for nursery seedlings/young plants • Take control measures against Tea mosquito bug by apply neem-based insecticides • Take control measures against Cashew Stem and Root Borer (CSRB). If the incidence is noticed, remove the grubs from the holes with the help of 15 mm chisel and apply Chlorpyrifos 20 EC @ 5 ml per litre of water on the stem (swabbing)

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	<ul style="list-style-type: none"> • Weather is very likely to be dry from 2nd May to 6th May, 2022 • Irrigation can be continued for nursery seedlings/young plants • Keep the orchard clean, by collecting all fallen fruits and plant debris • Install at least 10 Methyl Eugenol (0.1% i.e., about 0.3 ml) para pheromone traps per ha with nuvan to control fruit flies • Treat harvested fruits with hot water for 1 hr at 480 C to control fruit rot and also to kill the fruit flies eggs present inside • Spraying of Carbendazim @ 2 g/litre of water is recommended in nursery seedlings/young plants to control anthracnose
COCONUT	<ul style="list-style-type: none"> • Weather is very likely to be dry from 2nd May to 6th May, 2022 • Irrigation can be continued for nursery seedlings/young plants • If termite infestation is noted in the nursery drenching with chlorpyrifos (2ml chlorpyrifos in one litre of water) should be done • To control mites, spraying of 2% neem-garlic emulsion or azadirachtin 10000 ppm @0.004% is recommended • To control whiteflies , application of 1% starch solution on leaflets to flake out the sooty moulds • In severe cases, spray neem oil 0.5% and no insecticide is recommended • Installation of yellow sticky traps on the palm trunk to trap adult whiteflies • The topmost leaf axils may be filled with powdered neem cake @ 250 g + fine sand (250g) per palm to control the rhinoceros beetles
ARECANUT	<ul style="list-style-type: none"> • Weather is very likely to be dry from 2nd May to 6th May, 2022 • Irrigation can be continued for nursery seedlings/young plants

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	<ul style="list-style-type: none"> • Pre-monsoon vaccination for FMD and HS diseases is suggested • Provide plenty of cool water mixed with minerals for drinking and shower the animals with cold water two to three times in a day • Provide one lemon, 100 gm jaggery and 50g salt in drinking water to the animals during hot weather sun light • Proportion of green fodder should be increased and long foddors must be chopped before feeding

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
BIRD	<ul style="list-style-type: none"> • As temperature rises, the feed intake declines at an increasing rate. Hence provide feed at cooler parts of day i.e early morning and late evening • Provide cool drinking water and add electrolytes and vitamins such as A,E and C to maintain electrolyte balance • Good 'Hot weather' diet should contain more of fat/oil rather carbohydrate and synthetic essential amino acids rather than protein • Provide adequate ventilation suitably in humid climates as birds cannot sweat • Positions fans to optimize wind speed if possible • Reduce stocking densities or provide more floor space/bird • Reduce thickness of litter to minimum 2-3 cm • Insulate sheds sufficiently by straws/grasses white paints to avoid solar heat gain • Catching and transport of birds should be timed at coolest part of day