



Gramin Krishi Mausam Sewa

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



Agromet Advisory Bulletin

Date : 06-05-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-05-06(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-05-07	2022-05-08	2022-05-09	2022-05-10	2022-05-11
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	35.0	35.0	36.0	36.0	35.0
Tmin(°C)	27.0	27.0	27.0	27.0	26.0
RH-I(%)	83	85	88	89	85
RH-II(%)	45	42	41	40	50
Wind Speed(kmph)	10.5	11.2	12.2	14.0	13.8
Wind Direction(Degree)	292	295	292	292	294
Cloud cover(octa)	2	2	6	8	8

Weather Summary/Alert:

• Weather is very likely to be dry over the district on 06th, 07th, 08th, 09th & 10th May 2022 • Maximum & minimum temperatures are likely to be around 35°C & 27°C respectively Week 1 (May 6th to May 12th) • Rainfall amount is very likely to be large deficit over the district • Maximum temperature is likely to be above normal • Minimum temperature is likely to be above normal Week 2 (May 13th – May 19th) • Rainfall is very likely to be Large excess over the district • Maximum temperature is likely to be below normal • Minimum temperature is likely to be below normal Rainfall/thundershower activity is likely during week 2

General Advisory:

Weather is very likely to be dry from 6th May to 10th May, 2022. Hence, Irrigation can be continued for the crops

SMS Advisory:

Land preparation for the new orchards can be done

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Weather is very likely to be dry from 6th May to 10th May, 2022 • Hence farmers are suggested to continue the harvesting of matured rice
GROUNDNUT	• Store the harvested groundnut in HDPE bags in a moisture proof rooms

Crop(Varieties)	Crop Specific Advisory
CASHEW	<ul style="list-style-type: none"> • Weather is very likely to be dry from 6th May to 10th 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) • Land preparation for the new orchards can be done • A spacing of 7 x 7 m for normal and 5 x 5 for high density planting is recommended • Pits are to be kept ready at least ten days before planting

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	<ul style="list-style-type: none"> • Weather is very likely to be dry from 6th May to 10th 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 • Land preparation for the new orchards can be done • A spacing of 5 x 5 m is recommended in lateritic soil for high density planting system for Goa and Konkan region • After sun curing, the pits are filled with top soil, 1 kg rock phosphate, 1 kg neem cake, 10-20 kg FYM or compost • Pits are to be filled up to the brim and kept ready at least ten days before planting
COCONUT	<ul style="list-style-type: none"> • Weather is very likely to be dry from 6th May to 10th 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 • Land preparation for the new orchards can be done • In laterite soils pit size can be 1.2 m x 1.2 m x 1.2 m • Two layer of coconut husks can be spread at the bottom of the pit • The recommended spacing is 7.5 m x 7.5 m
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 • Land preparation for the new orchards can be done • Pit should be half filled with top soil and 5-10 kg Farm Yard Manure (FYM) one week before planting

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
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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 • Position 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