



Gramin Krishi Mausam Sewa

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



Agromet Advisory Bulletin

Date : 19-04-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-04-19(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-04-20	2022-04-21	2022-04-22	2022-04-23	2022-04-24
Rainfall(mm)	0.0	0.0	2.0	8.0	4.0
Tmax(°C)	34.0	35.0	36.0	36.0	35.0
Tmin(°C)	27.0	27.0	28.0	27.0	27.0
RH-I(%)	86	84	74	90	90
RH-II(%)	43	40	40	65	65
Wind Speed(kmph)	10.0	8.9	9.0	7.9	9.0
Wind Direction(Degree)	292	289	112	214	212
Cloud cover(octa)	3	2	1	5	4

Weather Summary/Alert:

• Weather is very likely to be dry on 19th & 20th April 2022 • Light rain/ Thundershowers very likely at isolated places on 21st, 22nd and 23rd April 2022 • Maximum & minimum temperatures are likely to be around 35°C & 27°C respectively Week 1 (Apr 15th to Apr 21st) Maximum temperature is likely to be normal • Minimum temperature is likely to be normal Week 2 (Apr 22nd to Apr 28th) • Rainfall amount is very likely to be large excess over the district • Maximum temperature is likely to be normal • Minimum temperature is likely to be normal

General Advisory:

Thunderstorm accompanied with lightning & wind speeds around 40-50km/h very likely at isolated places on 22nd and 23rd April 2022. Hence precautions should be taken to avoid damages caused by lightning. Use damini app for lightning alerts

SMS Advisory:

Farmers are advised to harvest the matured groundnut and take precautions while drying and storage

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Removal of water from the field should be done 8-10 days before harvesting
GROUNDNUT	• Due to forecast of Light rain/ Thundershowers on 21st, 22nd and 23rd April 2022, farmers are advised to harvest the matured groundnut and take precautions while drying and storage

Crop(Varieties)	Crop Specific Advisory
CASHEW	<ul style="list-style-type: none"> • Considering the possibility of gusty winds staking should be given to the young plants • 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 Chlorpyriphos 20 EC @ 5 ml per liter of water on the stem (swabbing)

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	<ul style="list-style-type: none"> • Considering the possibility of gusty winds staking should be given to the young plants • Irrigation can be continued for nursery seedlings/young plants • Possibility of occurrence of anthracnose. Hence spraying of Carbendazim @ 2 g per 1 liter of water is recommended in nursery seedlings/young plants • Keep the orchard clean, by collecting all fallen fruits and plant debris • Due to forecast of Light rain/ Thundershowers, possibilities of fruit rot. Hence, 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
COCONUT	<ul style="list-style-type: none"> • Considering the possibility of gusty winds staking should be given to the young plants • Irrigation can be continued for nursery seedlings/young plants • If termite infestation is noted in the nursery drenching with chlorpyriphos (2ml chlorpyriphos 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"> • Considering the possibility of gusty winds staking should be given to the young plants • 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"> • Due to forecast of Thundershowers, keep the animals indoor • 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

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