



Gramin Krishi Mausam Sewa

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



Agromet Advisory Bulletin

Date : 12-04-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-04-12(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-04-13	2022-04-14	2022-04-15	2022-04-16	2022-04-17
Rainfall(mm)	2.0	3.0	3.0	0.0	0.0
Tmax(°C)	35.0	36.0	35.0	34.0	34.0
Tmin(°C)	26.0	26.0	25.0	25.0	25.0
RH-I(%)	70	79	87	87	91
RH-II(%)	34	35	47	41	48
Wind Speed(kmph)	7.3	8.0	7.8	8.3	8.4
Wind Direction(Degree)	248	214	252	281	255
Cloud cover(octa)	8	5	2	1	1

Weather Summary/Alert:

• Light rain/ Thundershowers very likely at isolated places on 12th, 13th and 14th April, 2022 • Weather is very likely to be dry on 15th and 16th April 2022 • Maximum & minimum temperatures are likely to be around 35°C & 26°C respectively Week 1 (Apr 8th to Apr 14th) Maximum temperature is likely to be above normal • Minimum temperature is likely to be normal Week 2 (Apr 15th to Apr 21st) • Rainfall amount is very likely to be large deficient 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 12th April 2022. Hence precautions should be taken to avoid damages caused by lightning. Use damini app for lightning alerts

SMS Advisory:

Covering the mango fruits on tree, 15 days prior to harvest with news or brown paper bags can control the fruit rot which is more common during transit and storage

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
RICE	<ul style="list-style-type: none"> • Maintain the water level in the paddy fields • To control gundhi bug - Egg masses, nymph and adults can be collected (hand or using hand nets) and destroyed. Removal of grasses near the paddy fields • To control leaf folder in rabi paddy, hence early clipping of infested leaf tips along with removal of other weeds is recommended. • Foliar sprays with Chlorpyrifos 2.5 ml/litre is recommended
GROUNDNUT	<ul style="list-style-type: none"> • To control the aphids, thrips and leaf miners spraying of spinosad @ 0.2 ml/litre of water can be done or apply NSKE 5% (neem seed kernel extract) • Yellow sticky traps can be kept in the field for better monitoring of these sucking pests
CASHEW	<ul style="list-style-type: none"> • Due to forecast of light rain/ Thundershowers at isolated places on on 12th, 13th and 14th and dry weather for subsequent 2 days irrigation can be continued for nursery seedlings/young plants • Considering the possibility of gusty winds staking should be given to the 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 Chloropyrifos 20 EC @ 5 ml per liter of water on the stem (swabbing)

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COWPEA/ LOBIA	<ul style="list-style-type: none"> • Due to forecast of Light rain/ Thundershowers on 12th, 13th and 14th April, 2022, farmers are advised to harvest the matured pods and take precautions while drying the harvested grains of cowpea
MANGO	<ul style="list-style-type: none"> • Due to forecast of light rain/ Thundershowers at isolated places on 12th, 13th and 14th and dry weather for subsequent 2 days irrigation can be continued for nursery seedlings/young plants • Considering the possibility of gusty winds staking should be given to the young plants • Keep the orchard clean, by collecting all fallen fruits and plant debris • Covering the mango fruits on tree, 15 days prior to harvest with news or brown paper bags can control the fruit rot which is more common during transit and storage • Possibility of occurrence of anthracnose. Hence spraying of Carbendazim @ 2 g per 1 liter of water is recommended. Spraying should be done 15 days prior to harvesting • Treat harvested fruits with hot water for 1 hr at 480 C to kill the fruit flies eggs present inside • Install at least 10 Methyl Eugenol (0.1% ie., about 0.3 ml) para pheromone traps per ha with nuvan to control fruit flies
COCONUT	<ul style="list-style-type: none"> • Due to forecast of light rain/ Thundershowers at isolated places on on 12th, 13th and 14th and dry weather for subsequent 2 days irrigation can be continued for nursery seedlings/young plants • Considering the possibility of gusty winds staking should be given to the 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"> • Due to forecast of light rain/ Thundershowers at isolated places on on 12th, 13th and 14th and dry weather for subsequent 2 days irrigation can be continued for nursery seedlings/young plants • Considering the possibility of gusty winds staking should be given to the young plants

Live Stock Specific Advisory:

Live Stock(Varieties)	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"> • Provide adequate ventilation suitably in humid climates as birds cannot sweat. Position fans to optimise wind speed if possible. • Reduce stocking densities or provide more floor space/bird