



Gramin Krishi Mausam Sewa

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



Agromet Advisory Bulletin

Date : 01-04-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-04-01(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-04-02	2022-04-03	2022-04-04	2022-04-05	2022-04-06
Rainfall(mm)	0.0	0.0	0.0	4.0	6.0
Tmax(°C)	33.0	33.0	33.0	33.0	32.0
Tmin(°C)	25.0	25.0	25.0	25.0	25.0
RH-I(%)	81	79	75	86	85
RH-II(%)	39	37	36	40	50
Wind Speed(kmph)	7.6	9.7	11.6	9.9	16.3
Wind Direction(Degree)	259	248	289	250	234
Cloud cover(octa)	1	0	2	3	6

Weather Summary/Alert:

• Weather is very likely to be dry on 01st, 02nd & 03rd April 2022 • Light rain/ Thundershowers very likely at isolated places over the district on 04th & 05th April, 2022 • No large change in maximum temperature during 4-5 days • Maximum & minimum temperatures are likely to be around 33°C & 26°C respectively Week 1 (Apr 1st to Apr 7th) Maximum temperature is likely to be normal • Minimum temperature is likely to be normal Week 2 (Apr 8th to Apr 14th) • 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:

• Harvest the matured pods and fruits • Take precautions while drying the harvested grains

SMS Advisory:

Farmers are advised to take precautions against thunderstorms, lightning

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Maintain water level in the field • To control blight disease in paddy, apply neem cake at 150 kg/ha or foliar spray with neem oil at 3% (15 lit /ha) starting from disease appearance or Carbendazim 50 WP @ 500g/ha • 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

Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	• 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	• Due to forecast of dry weather with light rain/ Thundershowers on 04th & 05th April, 2022 irrigation can be continued • 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 Chloropyriphos 20 EC @ 5 ml per liter of water on the stem (swabbing)

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COWPEA/ LOBIA	• Due to forecast of Light rain/ Thundershowers on 04th & 05th April, 2022, farmers are advised to harvest the matured pods and take precautions while drying the harvested grains of cowpea
CHILLI	• Due to forecast of Light rain/ Thundershowers on 04th & 05th April, 2022, farmers are advised to harvest the matured pods and take precautions while drying red chillies • To control aphids and whiteflies spraying of Imidacloprid @ 0.3ml per litre of water can be done • Yellow sticky traps can be placed in the field for better monitoring of sucking pests • To control anthracnose spraying of Carbendazim or Mancozeb @ 2g/litre of water can be done
MANGO	• Due to forecast of dry weather with light rain/ Thundershowers on 04th & 05th April, 2022 irrigation can be continued • Farmers are suggested to take control measures against fruit flies. It can be controlled by use of fruit fly traps containing Methyl Euginol (0.1%) + Malathion (0.1%) • Possibility of Powdery mildew, Anthracnose, Sooty mold and hoppers • Spraying of Wettable sulphur 2g along with 0.3 ml Imidacloprid per litre of water is suggested
COCONUT	• Due to forecast of dry weather with light rain/ Thundershowers on 04th & 05th April, 2022 irrigation can be continued • 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

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	• 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	• 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