



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
ICAR Central Coastal Agricultural Research Institute, Ela
North Goa



Agromet Advisory Bulletin

Date : 17-03-2023

Weather Forecast of NORTH-GOA(Goa) Issued On : 2023-03-17(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-03-18	2023-03-19	2023-03-20	2023-03-21	2023-03-22
Rainfall(mm)	2.0	1.0	1.0	0.0	0.0
Tmax(°C)	34.0	33.0	33.0	32.0	32.0
Tmin(°C)	23.0	23.0	22.0	22.0	22.0
RH-I(%)	88	91	79	80	74
RH-II(%)	34	36	37	35	35
Wind Speed(kmph)	8.0	7.0	9.0	9.0	11.0
Wind Direction(Degree)	251	270	288	288	292
Cloud cover(octa)	1	0	0	0	0

Weather Summary/Alert:

Weather Inference • The trough from south Tamil Nadu to north Konkan now seen as a trough/wind discontinuity from Interior Tamilnadu to central Madhya Pradesh across Rayalaseema, Telangana and Vidarbha at 0.9 km above mean sea level. Weather Summary/ Alert • Light rain/Thundershowers very likely at isolated places on 17th , 18th & 19 th March 2023. • Weather is very likely to be dry on 20th & 21st March 2023 • Haze/Shallow Fog likely at isolated places on 17th, 18th & 19th March 2023 • No large change in maximum temperature for 24 hours, fall by 2-3°C on day 2, no large change thereafter • Thunderstorm accompanied with lightning very likely at isolated places on 17th & 18 th March 2023 • Maximum & minimum temperatures are likely to be around 34°C & 23°C respectively Extended range forecast Week 1 (March 17th – March 23rd) • Rainfall is very likely to be large excess • Maximum temperature is likely to be 2-4°C lower than normal • Minimum temperature is likely to be 0-2°C higher than normal Week 2 (March 24th – March 30th) • Rainfall is very likely to be large excess • Maximum temperature is likely to be 0-2°C lower than normal • Minimum temperature is likely to be 0-2°C higher than normal

General Advisory:

• Take precautions against thunderstorms and lightning while moving out

SMS Advisory:

• If Outbreak of fruit flies observed fallen fruits should be collected and destroyed in order to avoid more incidence of fruit flies

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	<ul style="list-style-type: none"> • Light rain/Thundershowers very likely at isolated places on 17th , 18th & 19 th March 2023, hence water level should be maintained upto 5cm in the paddy fields • Possibility of incidence leaf folders in paddy. Hence control measures can be taken once the dry weather prevails
GROUNDNUT	<ul style="list-style-type: none"> • Light rainfall on 17th , 18th & 19 th March 2023 may increase the incidence of sucking pest. Hence take suitable control measures once the dry weather prevails • 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

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COWPEA/ LOBIA	<ul style="list-style-type: none"> • Light rainfall on 17th , 18th & 19 th March 2023 may increase the incidence of sucking pest. Hence take suitable control measures once the dry weather prevails • To control the aphids and thrips 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
MANGO	<ul style="list-style-type: none"> • Due to forecast of light rainfall /thunderstorms on 17th , 18th & 19 th March 2023, incidence of fruit flies may increase in mango • If Outbreak of fruit flies observed fallen fruits should be collected and destroyed and in order to avoid more incidence of fruit flies • It can also be controlled by use of fruit fly traps containing Methyl Euginol (0.1%) + Malathion (0.1%) • Pre harvest bagging of marble size mango fruits in 25 X 20 cm paper bags can improve quality of fruits and also protect the fruits from fruit fly infestation and also sun scorching during bright sunshine hours • Irrigate the orchards at 7 to 10 days interval
CASHEW	<ul style="list-style-type: none"> • Due to forecast of light rainfall during on 17th , 18th & 19 th March 2023, collect the ripened and fallen cashew fruits to avoid losses • Separate the seeds from the apple and take precautions while drying them due to possibility of rainfall
COCONUT	<ul style="list-style-type: none"> • Due to forecast of light rainfall /thunderstorms on 17th , 18th & 19 th March 2023, incidence of pest may increase in coconut hence take suitable control measures during clear weather • Mulching of the tree basins should be done with the paddy straw or green/dried leaves to conserve moisture • Irrigation can be given to coconut palms in sandy soils at 4 days interval in basin method or daily through drip irrigation • To control mites, spraying of 2% neem-garlic emulsion or azadirachtin 10000 ppm @0.004% is recommended • To control white flies , application of 1% starch solution on leaflets to flake out the sooty moulds • In severe case, spray neem oil 0.5% and no insecticide is recommended • Installation of yellow sticky traps on the palm trunk to trap adult whiteflies
ARECANUT	<ul style="list-style-type: none"> • Mulching of the tree basins should be done with the paddy straw or green/dried leaves to conserve moisture • Irrigation can be given to arecanut palms in sandy soils at 4 days interval in basin method or daily through drip irrigation

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	<ul style="list-style-type: none"> • Due to forecast of light rainfall /thunderstorms and lightning on 17th & 18 th March 2023, avoid allowing of animals to open fields for grazing • Keep animals indoor