



Gramin Krishi Mausam Sewa

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



Agromet Advisory Bulletin

Date : 08-09-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-09-08(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2022-09-09 | 2022-09-10 | 2022-09-11 | 2022-09-12 | 2022-09-13 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 35.0 | 64.0 | 65.0 | 60.0 | 60.0 |
| Tmax(°C) | 31.0 | 31.0 | 30.0 | 30.0 | 30.0 |
| Tmin(°C) | 24.0 | 24.0 | 23.0 | 23.0 | 23.0 |
| RH-I(%) | 95 | 95 | 94 | 91 | 92 |
| RH-II(%) | 70 | 73 | 92 | 88 | 85 |
| Wind Speed(kmph) | 6.7 | 10.8 | 15.6 | 18.5 | 16.8 |
| Wind Direction(Degree) | 285 | 246 | 248 | 248 | 248 |
| Cloud cover(octa) | 7 | 7 | 8 | 8 | 8 |

Weather Summary/Alert:

• Light to moderate rain/thundershowers very likely at most places on 08th september 2022 • Moderate rainfall very likely at most places on 09th, 10th, 11th & 12th September 2022. • Thunderstorm accompanied with lightning & winds gusting to around 40km/h very likely at isolated places on 08th sept 2022 • Heavy rainfall at a few places with very heavy rainfall at isolated places on 08th & 09th september 2022 • Heavy to very heavy rainfall very likely at a few places on 10th, 11th & 12th september 2022 • Maximum & minimum temperatures are likely to be around 31°C & 24°C respectively Week 1 (Sep 2nd – Sep 8th) • Rainfall is very likely to be normal • Maximum temperature is likely to be 0-2°C higher than normal • Minimum temperature is likely to be 0-2°C higher than Normal Week 2 (Sep 9th – Sep 15th) • Rainfall is very likely to be excess • Maximum temperature is likely to be 0-2°C lower than Normal • Minimum temperature is likely to be 0-2°C lower than Normal

General Advisory:

• Take precautions against thunderstorms and lightning • Use Damini app for lightning alerts • Avoid application of chemicals and fertilizers

SMS Advisory:

• Squally weather (wind speed 45-55 kmph gusting to 65 kmph) is very likely over along and off south Maharashtra-Goa coasts on 8th, 9th & 10th September 2022 • Fishermen are advised not to venture in

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|------------------------|
|-----------------|------------------------|

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|---|
| RICE | <ul style="list-style-type: none"> • Possibility of moderate to very heavy rainfall very likely from 08th to 12th September 2022. Avoid application of chemicals and fertilizers • Make arrangements to drain out excess water • Farmers are suggested to maintain the water level in the field • Possibility of incidence of leaf folder and stem borer, hence keep the field and bunds clean by removing weeds. Avoid use of excessive fertilizers. Pull out and destroy the affected tillers (dead hearts). Need based spraying of chlorpyrifos @ 2 ml/litre |
| CASHEW | <ul style="list-style-type: none"> • Avoid application of chemicals and fertilizers • Make arrangements to drain out excess water • Provide proper staking for the young plants/seedlings • Due to humidity and rainfall, possibility of incidence of cashew stem and root borer • Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs) • Treat the infested trees of the trunk region up to one meter height from the ground level and on exposed roots with Fipronil @ 2 ml / litre of water |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|-------------------------|---|
| BOTTLE GOURD | <ul style="list-style-type: none"> • Make arrangements to drain out excess water • Provide proper staking for the plants • Fruit flies can be controlled by monitoring and mass trapping with parapheromone traps: Use traps baited with 0.4 ml cue-lure with 1ml of dichlorvos in traps • Place around 10-12 traps/acre |
| MANGO | <ul style="list-style-type: none"> • Avoid application of chemicals and fertilizers • Make arrangements to drain out excess water • Provide proper staking for the young plants/seedlings • Due to humidity and rainfall, possibility of anthracnose in mango trees. • Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs) • Spraying of carbendazim @ 2 g / liter of water is recommended to protect the new flushing in mango from the incidence of anthracnose |
| COCONUT | <ul style="list-style-type: none"> • Avoid application of chemicals and fertilizers • Make arrangements to drain out excess water • Provide proper staking for the young plants/seedlings • Possibility of incidence of but rot. Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs) • Spraying of 1% Bordeaux mixture is recommended • Possibility of incidence of rugose spiralling whitefly. • In juvenile palms, spraying of water with jet speed could dislodge the whitefly and reduce the feeding as well as breeding potential of the pest • Installation of yellow sticky traps • In severe cases, spray only neem oil 0.5% or NSKE 5% and avoid spraying any form of insecticides. |
| ARECANUT | <ul style="list-style-type: none"> • Avoid application of chemicals and fertilizers • Make arrangements to drain out excess water • Provide proper staking for the young plants/seedlings • Possibility of incidence of fruit rot . Hence control measure can be taken up during clear weather (no rainfall at least 5-6 hrs) • Spraying of 1% Bordeaux mixture is recommended |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|-----------------------|--|
| COW | <ul style="list-style-type: none"> • Due to forecast of moderate to very heavy rainfall very likely at a few places on 08th to 12th september 2022 and lightning warning, keep the animals indoor • Avoid allowing for grazing in the open fields • Supplementation of Perrineal Napier grass, Subabul, and Moringa leaves with traditional feed for enriching the quality of ration • Deworming of all the adult stock with broad spectrum anthelmintics like Albendazole (Dose: 10 mg/ kg body weight) during last week • FMD vaccine during month of September |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|---------------------------|--|
| BIRD | <ul style="list-style-type: none"> • Inclusion of different cereal sources such as maize/wheat/barley/ragi/broken rice at 50%, • Protein sources like soyabean meal/groundnut meal/sunflower meal/linseed meal upto 20-25%, • Rice polish/rice bran/wheat bran upto 10-20% • Gram chuni at 5-10%, coconut meal and leafy meals 5% each or molasses 5% and vitamin and mineral mix 2% totalling to 100 in different combinations can be used for making poultry feed • Deworming of backyard poultry in deep litter housing should be done at 8 weeks and 16/18 weeks then once in a month with suitable anthelmintics |