



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Central Coastal Agricultural Research Institute, Ela
North Goa



Agromet Advisory Bulletin

Date : 05-07-2022

Weather Forecast of NORTH-GOA(Goa) Issued On : 2022-07-05(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2022-07-06 | 2022-07-07 | 2022-07-08 | 2022-07-09 | 2022-07-10 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 65.0 | 60.0 | 115.0 | 68.0 | 65.0 |
| Tmax(°C) | 26.0 | 26.0 | 25.0 | 25.0 | 26.0 |
| Tmin(°C) | 23.0 | 23.0 | 23.0 | 22.0 | 23.0 |
| RH-I(%) | 90 | 92 | 93 | 92 | 89 |
| RH-II(%) | 87 | 84 | 88 | 88 | 85 |
| Wind Speed(kmph) | 16.0 | 12.6 | 15.7 | 17.5 | 17.2 |
| Wind Direction(Degree) | 248 | 249 | 249 | 283 | 248 |
| Cloud cover(octa) | 8 | 8 | 8 | 8 | 8 |

Weather Summary/Alert:

• Moderate to heavy rainfall very likely at most places from 05th to 09th July 2022 • Intense spells of rain and winds gusting to 40 km/hr very likely from 05th to 09th July 2022 • Heavy to Very Heavy rainfall very likely at a few places on 05th, 07th, 08th & 09th July 2022 • Heavy rainfall at a few places with Very Heavy rainfall at isolated places very likely on 06th July 2022 • Maximum & minimum temperatures are likely to be around 26°C & 24°C respectively Week 1 (July 1st – July 7th) • Rainfall is very likely to be normal • Maximum temperature is likely to be normal • Minimum temperature is likely to be normal Week 2 (July 8th – July 14th) • Rainfall is very likely to be normal • Maximum temperature is likely to be normal • Minimum temperature is likely to be normal

General Advisory:

• Squally weather with wind speed reaching 40-50 kmph gusting to 60 kmph is likely to prevail along and off South Maharashtra-Goa coast during 05th July to 8th July 2022. Fishermen are advised not to venture along and off South Maharashtra-Goa coast during the above mentioned period

SMS Advisory:

• Due to continuation of heavy to very heavy rainfall during next 5 days, postpone the transplanting of Kharif paddy and make arrangements to drain out excess water from the fields

Crop Specific Advisory:

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

| Crop(Varieties) | Crop Specific Advisory |
|------------------------|--|
| RICE | • Due to continuation of heavy to very heavy rainfall during next 5 days, postpone the transplanting of Kharif paddy and make arrangements to drain out excess water from the fields |
| CASHEW | • Drain out excess water from the fields and avoid water loggings • Provide mechanical support to young plants and seedlings to minimize the damage • Avoid spraying of chemicals and application of fertilizers |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|--------------------------------|--|
| BOTTLE GOURD | • Drain out excess water from the vegetables fields • Provide staking to cucurbit vegetables |
| MANGO | • Drain out excess water from the fields and avoid water loggings • Provide mechanical support to young plants and seedlings to minimize the damage • Avoid spraying of chemicals and application of fertilizers |
| COCONUT | • Drain out excess water from the fields and avoid water loggings • Provide mechanical support to young plants and seedlings to minimize the damage • Avoid spraying of chemicals and application of fertilizers |
| ARECANUT | • Drain out excess water from the fields and avoid water loggings • Provide mechanical support to young plants and seedlings to minimize the damage • Avoid spraying of chemicals and application of fertilizers |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|------------------------------|---|
| COW | • Heavy rainfall and high humidity predispose mastitis in cattle, hence keep dairy shed clean and dry • Use post-milking teat dip cup to prevent mastitis • Farmers must spray their animals frequently for removal of ectoparasites & cut all bushes near their sheds • Make sure that feeds are stored the feeds in a dry place to avoid mould infestation • If fever, shivering, brown colored urine, off feed etc. are noticed, consult veterinary doctor immediately |

Fisheries Specific Advisory:

| Fisheries(Varieties) | Fisheries Specific Advisory |
|-----------------------------|---|
| CARP | The water level in the pond should be maintained at 2 to 2.5 m letting the excess water drain out • Stocking of carp fish fingerlings (80-100 mm) @5000-7000 no/ha may be followed based on the seed availability • Feeding of groundnut oil cake: Wheat bran (1:1) ratio at 5-6% of total biomass of the Stock (Total weight of stock) may be followed • Net fences may be provided around the bunds if any issue of wild aquatic animals (crocodiles, otters) |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|---------------------------|---|
| BIRD | • Prevent the feed ingredients from getting wet, and the amount of feed should not be too much • The compound feed in the house should be placed on the platform above the ground to prevent the feed from regaining moisture • Regular checking of feeders to avoid fungus contamination • Provide your birds with warm water periodically during this rainy season to encourage consumption and help them keep warm without using up energy reserved in the process • Supplementary feeding should be given to the scavenging birds in backyard |

