



Weather Based Agromet Advisory Bulletin
Gramin Krishi Mausam Sewa
(Applicable for North Goa district)
ICAR-Central Coastal Agricultural Research Institute
Ela, Old Goa – 403402



Year 1, No: - 10_2019/Fri.

Time: 3.30 PM

Date: 6th September, 2019

Weather during the last week (1st September, 2019 to 5th September, 2019)

During the current period, the amount of rainfall recorded at Old Goa was 292.9 mm. The maximum temperature ranged between 28.5 to 27.5°C while the minimum temperature varied between 21.2 to 22.4°C. The morning relative humidity ranged between 69 to 96% and that of evening ranged between 86 and 97%. The average bright sunshine hour during the week was 0.0h/day. The average wind speed recorded was 6.0 km/h.

Weather Forecast for next five days received from Regional Meteorological Centre, Mumbai is given below

Weather parameter/ Date	07-09-2019	08-09-2019	09-09-2019	10-09-2019	11-09-2019
Rainfall (mm)	48	49	56	43	39
Max Temperature (° C)	28	28	29	30	30
Min Temperature (° C)	25	25	25	25	24
Total cloud cover (octa)	8	8	8	6	5
Max Relative Humidity (%)	93	93	93	94	94
Min Relative Humidity (%)	88	89	88	86	83
Wind speed (km/h)	18	19	17	10	4
Wind direction (°)	262	260	253	255	138

Weather Based Agro Advisories for the coming week

Agriculture

Rice

- Water level up to 5-10 cm need to be maintained for rice crop in panicle initiation stage
- During panicle initiation stage, 25% N (Urea 85kg/ha) as second top dressing may be applied
- Keep bunds clean and provide proper drainage to remove excess water
- Monitoring for Gundhi bug and brown plant hopper (BPH) is advised if any
- If incidences of blast disease in rice is observed then application of Tricyclazole 10 g or isoprothiolane 10 ml per 10 liters of water is suggested

Horticulture

Cashew

- Control cashew stem and root borer (CSRB) by mechanical removal of the immature stages (grubs) of the pest during initial stages of infestation

Coconut and Arecanut

- Provide proper drainage to remove excess water in coconut and arecanut
- Maintain good sanitation by removing and burning all dead coconut trees to prevent pest infestation
- Rhinolure/ferrolure pheromone trap @ 1 per ha or 3 naphthalene balls/palm once in 45 days at the base of leaf sheath in the 3 inner most leaves of the crown is suggested to prevent infestation of rhinoceros beetle and red palm weevil in coconut
- Keep a check on leaf spot disease in arecanut, if necessary, application of Bordeaux mixture 1% is advocated only in the absence of frequent rain

Mango

- Sanitation of Mango orchard is advocated

Banana and Okra

- Drain out excess water
- Install pheromone trap with Helilure at 15/ha

Livestock

- Proper hygiene and cleanliness need to be maintained in cattle/poultry farm
- Store the feed in clean and dry place.
- Milch animal should be given sufficient concentrate and dry fodder
- Provide fresh and cool drinking water to poultry birds and chicks, follow annual vaccination schedule
- Keep the animals in the safe place, protected from sun's heat and rain

Members of Agro advisory Committee

Dr. A. R. Desai, Principal Scientist (Fruit Science)

Dr. V. Arunachalam, Principal scientist (Spices, Plantation, Medicinal and Aromatic Crops)

Dr. R. Ramesh, Principal Scientist (Plant Pathology)

Dr. Shivasharnapa N, Principal Scientist (Vet. pathology)

Dr. Sreekant G. B., Scientist (Fisheries Resource Management)

Dr. R. Maruthadurai, Scientist (Entomology)

Mr. H. R. C. Prabhu, SMS, KVK

Dr. Bappa Das, Scientist (Agriculture Meteorology)