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 **Tirunelveli District level AAB No. 049/2023-24 Day & Date: Tuesday & 20.06.2023**

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| **Observed weather during last week (Dated 13th to 19th June 2023)** | **Weather Parameters** | **Weather forecast****(Valid from 21st to 08:30 hrs of 25th June 2023)** |
| **13/06** | **14/06** | **15/06** | **16/06** | **17/06** | **18/06** | **19/06** | **Date** | **Day 1****21/06** | **Day 2****22/06** | **Day 3****23/06** | **Day 4****24/06** | **Day 5****25/06** |
| **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **0.0** | **Rainfall (mm)** | **8** | **2** | **3** | **4** | **3** |
| **39** | **38** | **37** | **40** | **40** | **38** | **37** | **Max. Temp. (oC)** | **37** | **36** | **36** | **36** | **36** |
| **28** | **28** | **29** | **29** | **29** | **29** | **28** | **Min. Temp. (oC)** | **27** | **26** | **26** | **27** | **27** |
| **Mainly clear** | **Partly clear** | **Partly clear** | **Partly clear** | **Partly clear** | **Generally cloudy** | **Generally cloudy** | **Cloud cover (Octa)** | **Mainly cloudy** | **Mainly cloudy** | **Mainly cloudy** | **Mainly cloudy** | **Mainly cloudy** |
| **74** | **61** | **60** | **62** | **60** | **64** | **65** | **Relative humidity - Mor. (%)** | **70** | **70** | **70** | **70** | **70** |
| **40** | **40** | **38** | **39** | **41** | **41** | **42** | **Relative humidity - Eve. (%)** | **50** | **50** | **40** | **40** | **40** |
| **4** | **3** | **6** | **6** | **5** | **4** | **3** | **Wind speed (kmph)** | **12** | **10** | **12** | **12** | **10** |
| **NW** | **NW** | **NW** | **NNW** | **NNW** | **NNW** | **NNW** | **Wind direction (dd)** | **W** | **W** | **W** | **W** | **W** |
| **Rainfall (mm) in last week** | **Rainfall (mm) from 01/01/2023 to till dated** |
| **0** | **216.7** |
| * **As per forecast received, expected gradual decrease in maximum temperature by 1OC in next five days.**
* **Very light to light rainfall is predicted for next five days.**
* **Sky condition will be mainly cloudy sky**
* **Wind speed is expected to be 10-12 km per hour and the wind direction will be from West direction.**
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| **Crop** | **Stage** | **Agromet Advisory** |
| **Irrigated crops**  | **Water management** | **As southwest monsoon gets advance, chance for rainfall in coming week. Farmers are requested to postpone the irrigation. However, if the location fails to receive irrigate based on the crop need.** |
| **Rainfall** | **Ploughing** | **In order to store the unexpected rainfall for moisture conservation, farmers are requested to go****ploughing.** |
| **Harvest** | **Harvested products to be stored in air tighten room to preserve from fungus infection.** |
| **Paddy** | **Nursery and Vegetative**  | * **Rainfall is predicted for next five days farmers are advised to avoid for nutrient spray.**
* **Maintain appropriate water level to avoid crop lodging**
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| **Cotton** | **Harvest** | **As rainfall is predicted, Farmers are requested to harvest immediately and stored in the air tight room to avoid fungal affect.**  |
| **Cumbu** |
| **Sugarcane** | **Vegetative to tillering stage**  | * **Very light rainfall is expected; hence farmers are requested to remove the water shoots which**
* **affects the growth of adjacent statics.**
* **To avoid lodging of cane, propping and Earthing-up operation may be practiced.**
* **Mulch the ridges uniformly with cane trash to a thickness of 10 cm to conserve the rain water.**
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| **Banana** | **Vegetative to bunch formation stage** | * **To avoid lodging, propping and Earthing-up operation may be practiced**
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| **Coconut** | **All stages** | **Wind and rainfall may damage the crop; hence farmers are requested to provide staking so that****winds may not uproot the young seedlings. Also, earthing up and raising of green manure can hold the rain water for crop stand.** |
| **Livestock** | **Disease Forecast of June month**  | **Bluetongue Livestock Disease Forecast - Proper Vaccination of animals with regular intervals. Animals should not be allowed for grazing.Ulcers in the mouth can be treated with saline water or dissolve 1g of Potassium permanganate in 1 liter of water and wash the mouth 2 to 3 times a day with this solution.****Peste des petits ruminants- Preventive Measures:Vaccination of susceptible animals of above 3 months old age. Restriction on animal movement, strict biosecurity measures and proper disposal of carcass.**  |

**SMS: Rain: 21-25.06- 8,2,3,4&3 mm. Ploughing may be practiced. Sugarcane- earthing up and propping. Cotton- earthing up.**

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| **Tamil Nadu** |
| **The cyclonic circulation over Southwest & adjoining Westcentral Bay of Bengal off Tamilnadu coast now lies over Southwest & adjoining Westcentral Bay of Bengal off Andhra Pradesh coast between 0.9 km & 5.8 km above mean sea level tilting southwestwards with height.****Yesterday’s trough now runs from the above cyclonic circulation to Lakshadweep area & adjoining Southeast Arabian Sea across Tamil Nadu and Kerala at 3.1 km above mean sea level.** |
| **Next five days** | **Weather warning** | * **Light to moderate rain at a few places over North Tamilnadu, Puducherry, Karaikal area, at isolated places over South Tamil Nadu with Thunderstorm, lightning at one or two places is likely to occur.**
* **Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Erode, Salem, Dharmapuri, Krishnagiri, Tirupattur, Vellore, Ranipet and Tiruvannamalai on Day1(21.06.23)**
* **Light to moderate rain at a few places over North Tamilnadu, Puducherry, Karaikal area, at isolated places over South Tamil Nadu with Thunderstorm, lightning at one or two places is likely to occur on Day 2(22.06.23)**
* **Light to moderate rain with thunderstorm & lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area on Day 3(23.06.23)**
* **Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area on Day 4(24.06.23) & Day 5 (25.06.23)**
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|  | **Professor and Head****Agricultural Research Station****Kovilpatti** |