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|  MSSRF Science for Sustainable Development | AgroMet Advisory Bulletin (AAB) Jointly released by Regional Meteorology Centre, Chennai – India Meteorology Department, Reddiarchathram Seed Growers Association & M. S. Swaminathan Research Foundation, Kannivadi Phone no.: 044 - 22541229 E mail: amfu.kannivadi@gmail.com Fax: 044 – 22541319 | | | | |  |
| | District : | Dindigul | Forecast Period : | 31/01/2024 | to | |
| | Bulletin No: | MSSRF/ DGL /009/ 2024 | Release Date : | 30/01/2024 | | |

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|---------------------------------|---|
| Significant past weather | From 25/01/2024 to 29/01/2024 |
| | 4 to 4 |
| Parameters | Past Weather |
| Rainfall (mm) | 0.0 |
| Maximum Temperature (°C) | 33-34 |
| Minimum Temperature (°C) | 20-22 |
| Sky Condition (Octas) | 3 |
| Relative Humidity (%) | 36-87 |
| Wind Speed (kmph) | 7-13 |

Ensemble Weather Forecast
 until **08:30Hrs of 04-02-2024**

| Parameters | 31-01-2024 | 01-02-2024 | 02-02-2024 | 03-02-2024 | 04-02-2024 |
|----------------------------|------------|------------|------------|------------|------------|
| | Wednesday | Thursday | Friday | Saturday | Sunday |
| Rainfall (mm) | 0 | 1 | 3 | 1 | 0 |
| Maximum Temperature (°C) | 32 | 31 | 32 | 33 | 32 |
| Minimum Temperature (°C) | 22 | 22 | 22 | 21 | 22 |
| Sky Condition (Octa) | 5 | 4 | 4 | 4 | 3 |
| Max. Relative Humidity (%) | 90 | 90 | 90 | 90 | 90 |
| Min. Relative Humidity (%) | 50 | 50 | 50 | 40 | 40 |
| Wind Speed (Kmph) | 6 | 4 | 8 | 8 | 6 |
| Wind Direction | E | SE | SE | SE | E |

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| SMS Advisory | Chances of light rain on 2 Feb. Maximum temperature would be in the range of 31°C to 33°C and the minimum temperature would be between 21°C-22°C. Partly cloudy sky will appear for the next five days. Wind expected with the speed of 4-8 Kmph from, East & Southeast directions. |
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General Advisory:

Dry weather is likely to prevail over the district on 31.01.24 & 04.02.24, Mist/Haze is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

Weather Based Agro-Advisories: (Banana, Bitter gourd & Animal Husbandry).

Banana:

The incense of Fusarium wilt disease noticed in Banana. The first obvious signs of the disease in most of the varieties are wilting, a light yellow colouring of the lower leaves, most prominent around the margins, they eventually turn into bright yellow colour with dead leaf margins.

To control, follow the crop rotation practices and apply 2kg of Farm yard manure + Trichoderma viride @ 40gm + Pseudomonas @ 40gm + Neem Cake @ 200gm, mix thoroughly and apply ½ feet away from the root portion of sucker.

Bitter gourd:

The incense of Downy mildew noticed in Gourds. Symptoms resembling mosaic viz, pale green areas separated by dark green areas appear on the upper surface of the leaf.

During the wet season, the corresponding lower surface covered with faint purplish fungal growth. The entire leaf dries up quickly.

To manage, use the bed system with wide spacing, good drainage and air movement and exposure to the sun, this will help to check the disease development.

To control this, spray, well-fermented curd @ 350ml, Pseudomonas @ 50gm, Coconut water @ 250ml and white of the chick egg @ 6Nos with 10 litres of water.

Animal Husbandry:

Farmers are advised to vaccinate their Goats for Goat Pox disease. The first dose is at the age of 3 to 6 months and the booster dose will be given once a year before the summer season.