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|  | 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: rengalakshmi@mssrf.res.in Fax: 044 – 22541319 | | | | |  | |
| | District : | Theni | Forecast Period : | 10/05/2017 | to | | 14/05/2017 |
| | Bulletine No : | MSSRF/ THN / 037 / 2017 | Release Date : | 09/05/2017 | | | |

| Significant past weather | From | 05/05/2017 | to | 08/05/2017 |
|--------------------------|--------------|------------|----|------------|
| Parameters | Past Weather | | | |
| Rainfall (mm) | 1.6 | | | |
| Maximum Temperature (°C) | 39-40 | | | |
| Minimum Temperature (°C) | 26-28 | | | |
| Sky Condition (Octas) | 4-6 | | | |
| Relative Humidity (%) | 46-63 | | | |
| Wind Speed (kmph) | 11-16 | | | |

Ensemble Weather Forecast until 08:30Hrs of 14-05-2017

| Parameters | 10-05-2017 | 11-05-2017 | 12-05-2017 | 13-05-2017 | 14-05-2017 |
|----------------------------|------------|------------|------------|------------|------------|
| | Wednesday | Thursday | Friday | Saturday | Sunday |
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Maximum Temperature (°C) | 28 | 28 | 28 | 29 | 29 |
| Minimum Temperature (°C) | 23 | 23 | 23 | 22 | 22 |
| Sky Condition (Octas) | 6 | 6 | 6 | 6 | 6 |
| Max. Relative Humidity (%) | 75 | 75 | 75 | 75 | 75 |
| Min. Relative Humidity (%) | 40 | 40 | 40 | 40 | 40 |
| Wind Speed (Kmph) | 7 | 7 | 7 | 7 | 7 |
| Wind Direction | W | W | W | W | W |

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| SMS Advisory | Partly cloudy hot weather will prevail for the next 5 days. No chance for rain. |
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Weather Based Agro-Advisories : (Important Crops : Vegetables, Coconut)

- The incense of Boron deficiency found in chilly. The newly emerging leaves are malformed. Plants show shunted growth. Chlorotic streaks appear perpendicular to the veins. Incomplete leaf formation and inhibition of fruit and flower. Deficiency of boron may results in reduction in weight and size of the fruit. To reduce the deficiency foliar spray of borax@0.2%
- Prevailing current weather condition the incense of Black Headed Caterpillar in coconut .The pest occurs round the year with the spike in population during summer (Mar-May).The coconut trees of all ages are attacked.Dried up patches on leaflets of the lower leaves, only three or four youngest leaves at the center of the grown remain green.Galleries of silk and frass on under side of leaflets.In case of severe infestation the whole plantations present a scorched appearance.As a prophylactic measure, the first affected leaves may be cut and burnt.When infestation is very severe in young palms and if the biocontrol is not likely to be effective, spray the undersurface of the fronds with malathion 50 EC 0.05% 1 m / lt, or quinalphos 0.05%, or phosalone 0.05%.Among the larval parasitoids, the Bethylid, Goniozus nephantidis, (Elasmus nephantidis (brown species) and Brachymeria nosatoi - KAU) is the most effective in controlling the pest. The optimum level of release is 1:8 of host-parasitoid ratio. Parasitoid release trap may be used to release the parasitoid at the site of feeding. Parasitoids should not be released in the crown region since they will be killed by predators like spiders and reduviid bugs. This should be released only three weeks after chemical spray.
- In the current scenario, summer ploughing is very important for both the rainfed as well as irrigated land. Appearances of cracks are avoided in the field. Thus the rainwater in the summer is also get settled and stored under the ground. Furthermore, the larvae and fungi in the soil are brought to the top of the soil and destroyed.
- Since the temperature is very high, provide cool drinking water to the animals throughout the day. Sprinkle water 2-3 times over the animals. Mineral mix can be provided daily @ 40-50g per animal.

Principal Coordinator

MSSRF