

**AAS Bulletin for Nilgiris district issued by HRS, TNAU, Ooty and IMD, New Delhi for the period from 23.11.2016 to 27.11.2016**

**ISSUED ON 22.11.16**

**Past weather:**

**1. Rainfall in the district** – During the last three days no rain fall was received in the district.

**2. Temperature and RH variation:**

The maximum and minimum temperatures were 19° - 22°C and 08° -10°C respectively. Morning and afternoon relative humidity ranged between 48-92% and 83-87% in the past three days. Wind speed was 9-10 kmph during the last three days.

**Weather forecast for next five days for Nilgiris district**

<b>Weather parameters</b>	<b>23.11.16</b>	<b>24.11.16</b>	<b>25.11.16</b>	<b>26.11.16</b>	<b>27.11.16</b>
Rainfall (mm)	0	0	0	0	0
T <sub>max</sub> (°C)	21	21	21	21	21
T <sub>min</sub> (°C)	9	9	9	9	9
Total cloud cover (octa)	6	6	6	6	6
RH (%) - Max	85	85	85	85	85
RH (%) - Min	80	80	80	80	80
Wind speed (Kmph)	9	9	9	9	9
Wind direction (deg)	20	20	20	20	20

**Agro meteorological advisory for Nilgiris district**

- ✓ No rainfall is expected in the district for next five days.
  
- ✓ In Ginger crop, by applying green leaf mulch around the crop on planting, 60<sup>th</sup> and 120 days after planting, yield can be increased.

- ✓ In hill horticultural crops, root grub infestation is found widespread. To control, apply entomopathogenic fungus *Beauveria* and *Metarrhizium* @ kg per acre along with well decomposed organic manure.
  
- ✓ Treating field beans seeds with *Rhizobium* biofertilizer while sowing will enhance nitrogen fixation in soil with additional yield.
  
- ✓ Production and use of Panchagavya and Dasagavya in farm level could be adopted for better yields and to control cost of crop production.
  
- ✓ Spraying PPFM @ 8 ml per litre of water and applying 8 kg VAM fungus at the time sowing will save the crop during drought periods.

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