



# UPASI TEA RESEARCH FOUNDATION

## REGIONAL CENTRE – GUDALUR

P.B.NO.01, PARKGLEN, GUDALUR, THE NILGIRIS, TAMIL NADU - 643 212

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RC-GDR/MR/2026/25

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### MONTHLY REPORT FORWARDED IN THE MONTH OF MARCH 2026

#### DETAILS FOR THE MONTH OF FEBRUARY 2026

- 1 Planting District : Nilgiri - Wynaad
- 2 Production in the month of **FEBRUARY** 2026 : 0.354 M. Kg
- 3 Production compared to the same month last year : High/Same/Low
- 4 Reasons for increase or decrease in production : Unfavourable weather
- 5 Likely Output  
March 2026 : 0.3580  
April : 0.450  
May : 0.555
- 6 Rainfall for the Month of **FEBRUARY** 2026 : 6.4 MM

Date	Mm	Date	Mm	Date	Mm
01	0.0	12	0.0	22	0.0
02	0.0	13	0.0	23	0.0
03	0.0	14	0.0	24	0.0
04	0.0	15	0.0	25	<b>5.2</b>
05	0.0	16	0.0	26	<b>1.2</b>
06	0.0	17	0.0	27	0.0
07	0.0	18	0.0	28	0.0
08	0.0	19	0.0	29	0.0
09	0.0	20	0.0	30	0.0
10	0.0	21	0.0	31	0.0
11	0.0				
<b>TOTAL FOR THE MONTH:</b>					<b>6.4</b>
B/F FROM JANUARY:					6.4
<b>TOTAL TO DATE:</b>					<b>12.8</b>

7. Weather (Any special climatic features : like, temperature, relative humidity, sunshine hours)

The month February this year was a blend of cold and warm weather. Localized light and medium rains for one or two days were reported from different parts of Pandalur and Gudalur regions. The minimum temperature fluctuated between 10 °C to 16 °C and the maximum temperature oscillated between 27 °C to 29 °C. The lowest relative humidity levels was 33

per cent and the highest registered was 100 per cent.

METEOROLOGICAL DATA										
February 2026	Temperature °C				Relative Humidity (%)				Rainfall	
	2026		2025		2026		2025		2026	2025
	Min	Max	Min	Max	0830h	1430 h	0830 h	1430 h	Mm	Mm
1-10	11.6	28.9	10.9	30.0	90	60	88	55	0.0	0.0
11-20	12.9	28.6	9.8	30.7	89	48	86	41	0.0	0.0
21-30	15.4	28.0	12.4	32.0	96	68	88	35	6.4	0.0

8. Incidence of pests and diseases : Incidence of red spider mite found to be above ETL in all the three zones of Gudalur, Pandalur and Daverashola.
- 9 Power supply : In adequate
- 10 Labour situation like go-slow, strike, closure etc : Shortage of workers
- 11 Input availability : Normal
- 12 Meetings : As per the request of Mr. Abraham Mathew, Senior General Manager - Carolyn estate, Mangorange Group had discussions on various subjects which includes;  
**Pesticide effectiveness:** It was discussed the effectiveness of pesticide formulations whether it is systemic pesticide or contact pesticide during rainy season  
**Carbendazim Discussion:** Carbendazim MRL, PHI, sources of contamination and corrective measures were discussed in detail.  
**Impact of Fungicides:** The impact of carbendazim and Mangozeb (dithio carbamate) fungicides on residue levels, environment and food safety was discussed.  
**Weed Management and PA contamination:** The importance of proper weed management was emphasized to avoid contamination of PA molecules in made tea. Comparative pesticide residue analysis results of clones TV1 and TV26 were discussed and noted for further evaluation.  
**In-house Trial Suggestion:** It was suggested to carry out in-house trials on foliar application of humic acid or amino acid on pesticide degradation.  
**NABL Accreditation:** It was discussed about NABL accredited facility available for the analysis of pesticide residues and heavy metals at UPASI TRF.  
**Soil pH correction:** Mr. Abraham proposed using Biochar along with vermicompost and dolomite to increase the soil pH, since there is no change in the pH value after a year and moreover after completing one pruning cycle and a detailed discussion had in conducting a

trial in this regard also.

The discussions were held at Carolyn Croup Office on 10<sup>th</sup> February, 2026. The executives from both the estates viz; Attikunna & Carolyn along with the AGM manufacturing were the participants from the group. The Sr. Advisory Officer attended meeting along with Dr. K. Poobathiraj , Tea Technologist and Dr. M. Sivakumar, Pesticide Residue Chemist, UPASI – TRF, Coonoor.

2.The Sr. Advisory Officer, Sr. General Manager, PAI, Mangorange Group and online meeting with Dr. P.Nepolian regarding the ongoing Bio-fertilizer trial. The Sr. Advisory Officer briefed the experiment and the current status. The Plant Pathologist explained the bio fertilizer trial details and its impacts on soil health improvement. The Sr. General Manager raised the quires regarding EC and physico-chemical parameters and suggested reconfirmation through the Chemistry Division. It was informed that the Chemist is currently on annual leave; analytical recommendation will be taken up upon return. The Sr. General Manger suggested for discussion again involving the Director and Advisor to initiate a new experiment aimed at improving soil pH by incorporating dolomite along with Biochar and phosphate – solubilizing bacteria (PSB).

The follow up discussion required to involve the Chemist to review post-treatment EC and nutrient status and to finalize further action of the experiment.

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| 13 | Major issues (Give details of major and significant issues) | : | Nil   |
| 14 | Major events (Give details of sports / visitors etc.)       | : | Nil   |
| 15 | Information on other plantation crops, if any               | : | Coffee blossom seen in localized areas where rain paves for the settings. |

**SENIOR ADVISORY OFFICER  
UPASI TRF RC**