

# UPASI TEA RESEARCH FOUNDATION

## REGIONAL CENTRE

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RC-GDR/MR/2023/106

02.06.2023

### REPORT FOR THE MONTH OF MAY 2023

**VISITS:** During the month 2 visits were made to the member estates in connection with Advisory, trainings and experimental purposes.

Month	Advisory	Experimental	Total
April 2023	00	02	02
B/F from January	06	23	29
To date	06	25	31

**WEATHER:** Intermittent showers have brought some reprieve during the month of May. Weather remained cloudy most of the days in the mornings. Though the sky opens up many days rainfall happened only twelve days in the month. Few days' the rains were accompanied with gusty winds, lightening, thunders and reported hailstone damages in few estates. Due to the cloud hovering some of the day's the noon temperature shoots up and the blistering heat experienced (Agni Nakshatra) considerably. The harsh drought was broken after the dry spell period of 181 days. The first effective rain registered was on 1st May 2023 with 34.8 mm and there after intermittent, light to moderate showers aggregating 189.4mm for the month. Last year it was 323.8mm consisting of 20 wet days which is higher than current year and on par for the decennial average 187.3 mm. The minimum temperature fluctuated between 17°C to 20°C and the maximum temperature oscillated between 21.0 °C to 30°C. The lowest relative humidity levels was 64per cent and the highest registered was 100 per cent. The details of rainfall, temperature and relative humidity recorded for the month, same period of last year and decennial average in the regional centre, Gudalur are given in the following tables 1 & 2.

**Table 1 Rainfall (mm), Temperature (°C) and Relative humidity (%)**

Period	Mean Temperature (°C)		Mean Relative humidity (%)		Rainfall (mm)	
	Min	Max	0830 h	1430 h	Month	To date
May 2023	18.2	27.8	91	79	189.4	228.8
May 2022	17.2	25.4	95	82	323.8	452.6
Decennial average	18.0	27.5	91	73	187.3	

**CROP TREND:** The production and productivity details are given in table No.2.

**Table 2 Production (m.kg) and Productivity (YPH)**

Crop	Month		To date (Fin year)		To date (Cal year)		Variance in % ± over last year	
	May.'23	May.'22	Total from Apr'23	Total from Apr'22	Total from Jan'23	Total from Jan'22	Fin year	Cal year
<b>Productivity (MT/ha)</b>	225	270	373	444	863	942	-15.99	-8.39
<b>Production (m.kg)</b>	780648	935317	1295551	1539790	2997831	3267064	-15.86	-8.24

**PEST AND DISEASES:** The attack of RSM is mild to moderate in some of the estates during the month of May. Tea Mosquito Bug incidences noticed in few sectors and well under control.

**MEETINGS/LECTURES/TRAINING/SEMINARS (CONDUCTED):**

Nil

**MEETINGS/LECTURES/TRAINING/SEMINARS (ATTENDED):**

Nil

**ANALYTICAL:**

Particulars	Members	Non members	Small growers	Total
pH and EC	-	-	-	-
Eelworms	-	-	-	-
Texture	-	-	-	-

**SPECIMENS:** Nil

**VISITORS:** During the month seven visitors were visited our regional centre in connection with different official matters.

**SR.ADVISORY OFFICER**

**MONTHLY REPORT FORWARDED IN THE MONTH OF JUNE 2023**  
**DETAILS FOR THE MONTH OF MAY 2023**

01. Planting District : **NILGIRI WYNAAD**
02. Production in the month of MAY'23 : 0.780 M.kg
03. Current month production compared to the same month of the previous year : High/Same/**Low**
04. Reasons for increase or decrease in production : Due to lack of summer showers and crop picking up due to intermittent rains in May.
05. Likely output in the current month and next two months : June -0.700 M.kg\*  
July -0.650 M.kg\*  
Aug. -0.600 M.kg\*

06. **Actual rainfall for the month of MAY 2023**

Date	M.M.	Date	M.M.	Date	M.M.
01	34.8	11	0.0	21	0.0
02	7.2	12	23.2	22	3.0
03	23.8	13	0.0	23	13.0
04	0.0	14	0.0	24	0.0
05	0.0	15	0.0	25	1.2
06	0.0	16	0.0	26	0.6
07	0.0	17	0.0	27	1.8
08	5.0	18	6.6	28	0.0
09	9.4	19	39.0	29	2.6
10	20.6	20	0.0	30	0.0
				31	0.0
<b>Total for the month</b>					<b>189.4</b>
<b>B/F from January</b>					<b>39.4</b>
<b>TOTAL TO DATE</b>					<b>228.8</b>

\*Estimated crop

07. Weather - Any special climatic features like temperature, relative humidity, sunshine hours, drought, wind, frost etc. : Intermittent showers have brought some reprieve during the month of May. Weather remained cloudy most of the days in the mornings. Few days' the rains were accompanied with gusty winds, lightening, thunders and reported hailstone damages in few estates.

**Weather for the month of MAY 2023 vs 2022**

Period	Mean Temperature (°C)				Mean Relative Humidity (%)				Total Rainfall	
	2023		2022		2023		2022		2023	2022
	Min	Max	Min	Max	0830 h	1430 h	0830 h	1430 h	mm	mm
1 – 10	18.0	27.0	17.0	27.0	92.0	73.0	94.0	78.0	100.8	136.2
11 - 20	18.6	28.6	16.6	23.0	92.0	82.0	99.0	92.0	68.8	135.6
21 – 28	18.0	27.0	18.0	26.6	84.0	79.0	94.0	73.0	19.8	52.0

08. Incidence of pests and diseases : : The attack of RSM is mild to moderate in some of the estates during the month of May. Tea Mosquito Bug incidences noticed in few sectors and well under control.
09. Meetings/Training : Nil
10. Major issues (Give details of major and significant issues) : NIL
11. Major events (Give details of sports / visitors etc.) : Nil
12. Labour situation like go-slow, strike, closure etc : NIL
13. Power supply : Inadequate
14. Input availability : Shortage of Fertilizers.
15. Information on other plantation crops, if any : Plantain seed planting and ginger bed mulching weeds hand pulling is in progress..

Date: 02.06.2023

SR.ADVISORY OFFICER