

UPASI TEA RESEARCH FOUNDATION

REGIONAL CENTRE

P.B.No.1, Parkglen, Gudalur – 643 212, The Nilgiris.
Regd. Office: Glenview, Coonoor – 643 101, The Nilgiris.

Grams: UPASI, GUDALUR
URL: www.upasitearesearch.org

Phone: 04262 – 261339
E-mail: gudalur@upasitearesearch.org

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03.05.2023

REPORT FOR THE MONTH OF APRIL 2023

VISITS: During the month 6 visits were made to the member estates in connection with Advisory, trainings and experimental purposes.

Month	Advisory	Experimental	Total
April 2023	02	04	06
B/F from January	04	19	23
To date	06	23	29

WEATHER: Warm and a prolonged dry spell experienced throughout the month. As temperature rose up to 34 °C, the leaf growth has been very subdued during the month. Since there were no summer rains and no effective pre-monsoon showers this year, the loss going to incur during the first quarter crop cannot be made up for the whole year. The summer seems to be the severest in recent years. The high temperature 32 to 34 degree Celsius during the month coupled with hot winds paves for scorching the landscape. Soaring mercury during April depleted water storage in dams and wells. Though the sky was overcast many days during the second fortnight of the month, it rained one day amounting 3.4 mm on 21st and rest of the days with mere drizzles measuring less than 2.0 mm. Three occasions the sky was appearing with dark clouds and thunders but rain tails off without a drop which again increased the oppressive heat condition. The regional centre had registered rainfall on six occasions during the month i.e.; on 3rd - 9.2 mm, 4th -5.0 mm, 21st 3.4 mm, 23rd - 1.0 mm, 25th - 0.6 mm and on 26th it was 1.8 mm. A total of 21.0 mm was recorded at the regional centre and out of six days rain three days was wet days for the month. Same month of last year it was 113.8 mm with 9 wet days. The minimum temperature oscillated between 14 °C to 20 °C. The maximum temperature fluctuated between 28 °C to 34 °C. The lowest relative humidity was 34 per cent and the highest registered was 91 per cent during the month. The details of rainfall, temperature and relative humidity recorded for the month & 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
April 2023	16.6	30.3	89	65	22.4	39.4
April 2022	17.3	28.8	91	74	113.8	128.8
Decennial average	17.6	30.3	89	65	69.2	

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	
	April.'23	April.'22	Total from Apr'23	Total from Apr'22	Total from Jan'23	Total from Jan'22	Fin year	Cal year
Productivity (MT/ha)	148	174	148	174	638	672	-14.94	-5.06
Production (m.kg)	5149037	604473	514903	604473	2217183	2331747	-14.82	-4.91

PEST AND DISEASES: The incidence was severe in prone pockets in the month of April 2023. Sporadic incidences of TMB noticed during the month.

MEETINGS/LECTURES/TRAINING/SEMINARS (CONDUCTED):

Nil

MEETINGS/LECTURES/TRAINING/SEMINARS (ATTENDED):

Nil

ANALYTICAL:

Particulars	Members	Non members	Small growers	Total
pH and EC	07	-	08	15
Eelworms	04	-	-	04
Texture	02	-	-	02

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 MAY 2023
DETAILS FOR THE MONTH OF APRIL 2023

01. Planting District : **NILGIRI WYNAAD**
02. Production in the month of APRIL'23 : 0.514 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 : Soaring temperature.
05. Likely output in the current month and next two months : May -0.620 M.kg*
 June -0.780 M.kg*
 July -0.720 M.kg*
06. **Actual rainfall for the month of APRIL 2023**

Date	M.M.	Date	M.M.	Date	M.M.
01	0.0	11	0.0	21	0.0
02	0.0	12	0.0	22	3.4
03	0.0	13	0.0	23	0.0
04	9.2	14	0.0	24	1.0
05	5.0	15	0.0	25	0.0
06	0.0	16	0.0	26	0.6
07	0.0	17	0.0	27	1.8
08	0.0	18	0.0	28	0.0
09	0.0	19	0.0	29	1.4
10	0.0	20	0.0	30	0.0
Total for the month					22.4
B/F from January					17.0
TOTAL TO DATE					39.4

*Estimated crop

07. Weather - Any special climatic features like temperature, relative humidity, sunshine hours, drought, wind, frost etc. : Warm and a prolonged dry spell experienced throughout the month. The summer seems to be the severest in recent years.

Weather for the month of APRIL 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	16.0	29.0	16.6	29.0	91.0	60.0	91.0	68.0	14.2	1.4
11 - 20	16.0	32.0	17.6	27.0	86.0	57.0	92.0	79.0	0.0	89.2
21 – 28	18.0	29.0	18.0	29.0	90.0	82.0	90.0	74.0	8.2	23.2

08. Incidence of pests and diseases : : The incidence was severe in prone pockets in the month of April 2023. Sporadic incidences of TMB noticed during the month.
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 : Preparations for coffee and pepper planting.is in progress.

Date: 03.05.2023

SR.ADVISORY OFFICER