

UPASI TEA RESEARCH FOUNDATION

REGIONAL CENTRE

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REPORT FOR THE MONTH OF JUNE 2023

VISITS: During the month 9 visits were made to the member estates in connection with Advisory, trainings and experimental purposes.

Month	Advisory	Experimental	Total
JUNE 2023	05	04	09
B/F from January	06	25	31
To date	11	29	40

WEATHER: South west monsoon was predicted in advance but it was delayed contrary to the prediction. Even though the monsoon was weak and below normal it has been a mixed bag of intermittent rain with little warm weather. This sort of weather helped Nilgiri –Wayanad to harvest an average crop even though it is less when compared with yester year. In general favourable weather which helped in time agricultural operations like pruning, manuring, planting, weed control, foliar applications and shade regulation works etc. The rainfall recorded in the regional centre was 119.2 mm with 16 wet days for the month of June 2023. Corresponding to the same month of last year the quantum of rainfall received was 211.8 mm with 20 wet days and the decennial average is 399.6 mm. The total rainfall from January 2023 to June 2023 346.6 mm and for the same period last year it was 664.4 mm a deficit of 317.8 mm (-91.7%). The minimum temperature fluctuated between 15.0 °C to 22 °C and the maximum temperature varied between 25.0 °C to 29.0 °C. The lowest relative humidity level in the afternoon was 70 % and the highest at 8.30 hr was 100 %. 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
JUNE 2023	17.3	27.2	94	81	119.2	348.0
JUNE 2022	16.7	26.0	95	80	211.8	664.4
Decennial average	16.8	24.9	94	85	399.6	

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	
	June.'23	June.'22	Total from Apr'23	Total from Apr'22	Total from Jan'23	Total from Jan'22	Fin year	Cal year
Productivity (MT/ha)	263	258	636	702	1127	1200	-9.40	-6.08
Production (m.kg)	912654	895428	2208205	2435218	3910485	4162492	-9.32	-6.05

PEST AND DISEASES: The attack of RSM is mild to moderate in few estates during the month of June. Die-back/Grey blight incidences noticed in areas where shearing and machines are used continuously. Appropriate control measures were imposed by the members.

MEETINGS/LECTURES/TRAINING/SEMINARS (CONDUCTED):

Nil

MEETINGS/LECTURES/TRAINING/SEMINARS (ATTENDED):

Nil

ANALYTICAL:

Particulars	Members	Non members	Small growers	Total
pH and EC	11	-	-	11
Eelworms	-	-	-	-
Texture	08	-	-	08

SPECIMENS: Shoots samples examined for scarlet mite attack.

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

SR.ADVISORY OFFICER

MONTHLY REPORT FORWARDED IN THE MONTH OF JULY 2023
DETAILS FOR THE MONTH OF JUNE 2023

01. Planting District : **NILGIRI WYNAAD**
02. Production in the month of JUNE'23 : 0.912 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 : Mixed bag of Intermittent rains and warm weather.
05. Likely output in the current month and next two months : July -0.820 M.kg*
Aug. -0.730 M.kg*
Sep. -0.770 M.kg*

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

Date	M.M.	Date	M.M.	Date	M.M.
01	32.2	11	0.0	21	5.0
02	0.0	12	5.6	22	0.0
03	8.6	13	14.2	23	1.0
04	0.0	14	6.0	24	4.0
05	0.0	15	2.4	25	0.0
06	0.0	16	3.0	26	5.4
07	0.0	17	0.0	27	6.4
08	0.0	18	0.0	28	5.2
09	0.0	19	2.6	29	0.0
10	0.0	20	0.0	30	17.6
Total for the month					119.2
B/F from January					228.8
TOTAL TO DATE					348.0

*Estimated crop

07. Weather - Any special climatic features like temperature, relative humidity, sunshine hours, drought, wind, frost etc. : South west monsoon was predicted in advance but it was delayed contrary to the prediction. Even though the monsoon was weak and below normal it has been a mixed bag of intermittent rain with little warm weather.

Weather for the month of JUNE 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	17.0	28.0	17.0	27.0	92.0	66.0	93.0	74.0	40.8	14.6
11 - 20	18.0	27.0	16.6	26.6	96.0	80.0	93.0	82.0	33.8	33.4
21 – 28	17.0	26.0	16.0	24.6	96.0	85.0	100.0	84.0	44.6	163.8

08. Incidence of pests and diseases : : The attack of RSM is mild to moderate in few estates during the month of June. Die-back/Grey blight incidences noticed in areas where shearing and machines are used continuously. Appropriate control measures were imposed by the members.
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 : Planting of pepper, areca & coffee in small growers sector in progress.

Date: 03.07.2023

SR.ADVISORY OFFICER