

UPASI TEA RESEARCH FOUNDATION

REGIONAL CENTRE

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RC-GDR/MR/2022/132

02.08.2022

REPORT FOR THE MONTH OF JULY 2022

VISITS: During the month 10 visits were made to the member estates in connection with Advisory, training and experimental purpose.

Month	Advisory	Experimental	Total
July 2022	03	07	10
B/F from January	17	29	46
To date	20	36	56

WEATHER: The south west monsoon has gained momentum and torrential rainfall was reported from both the taluks of Nilgiri-Wayanad. From the day first of July to the end of the month there was rain which amounted 1086.6 mm for 29 wet days. The highest one day rainfall registered was 180.0 mm on 12th July 2022 followed by 152.8 mm and 143.0 mm on the consequent days. The intensity of rainfall comes down from 18th of July. Compared to the corresponding month of last year the rainfall (548.6 mm) was higher by 98 per cent and higher by 113per cent (510.6 mm) when compared with the decennial average. The total rainfall for the year is 1751. 0 mm where as it was 1138.6 mm (+54%) for the same corresponding months of last year. Due to the high rainfall with low temperature ceased the growth and the crop production was drastically affected. The lowest temperature was 15 °C and the highest was 27 °C. The minimum temperature fluctuated between 15°C to 18 °C and the maximum temperature oscillated between 20.0 °C to 27 °C. The lowest relative humidity levels was 70 per cent and the highest registered was 100 per cent. The details of rainfall, temperature and relative humidity recorded for the month and decennial average in the regional centre, Gudalur are given in the following tables No.1 & 2.

Table1 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
July 2022	16.2	23.0	96.0	92.0	1086.6	1751.0
July 2021	16.5	23.8	96.0	90.0	548.6	1138.6
Decennial average	16.3	23.8	97.0	89.0	510.6	510.6

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	
	July'22	July'21	Total from Apr'22	Total from Apr'21	Total from Jan'22	Total from Jan'21	Fin year	Cal year
Productivity (MT/ha)	150	205	852	807	1350	1384	5.58	-2.46
Production (m.kg)	521488	710484	2956706	2799522	4683980	4802035	5.61	-2.46

PEST AND DISEASES: Sporadic attack of RSM was reported from few of the estates during the month of July. Severe infection of blister blight & Grey blight/die-back diseases noticed in all the estates in Nilgiri - Wynaad. The incidence of TMB was noticed in pockets in few estates/nurseries during the month 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	03	-	-	03
Eelworms	01	-	-	01
Texture	-	-	-	-

SPECIMENS: Nil.

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

SR.ADVISORY OFFICER

MONTHLY REPORT FORWARDED IN THE MONTH OF AUGUST 2022
DETAILS FOR THE MONTH OF JULY 2022

01. Planting District : **NILGIRI WYNAAD**
02. Production in the month of JULY'22 : 0.521 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 : Unfavourable weather.
05. Likely output in the current month and next two months : Aug -0.680 M.kg*
Sept -0.750 M.kg*
Oct. -0.8.00 M.kg*

06. **Actual rainfall for the month of JULY 2022**

Date	M.M.	Date	M.M.	Date	M.M.
01	32.0	11	66.0	21	8.0
02	7.0	12	74.0	22	12.6
03	0.0	13	180.0	23	2.2
04	62.0	14	152.8	24	0.0
05	19.0	15	143.0	25	11.0
06	48.0	16	40.0	26	0.0
07	30.0	17	0.0	27	2.6
08	50.0	18	55.0	28	2.8
09	40.0	19	19.0	29	6.4
10	0.0	20	3.0	30	20.2
Total for the month					1086.6
B/F from January					664.4
TOTAL TO DATE					1751.0

*Estimated crop

07. Weather - Any special climatic features like temperature, relative humidity, sunshine hours, drought, wind, frost etc. : The south west monsoon has gained momentum and torrential rainfall was reported from both the taluks of Nilgiri-Wayanad.

Weather for the month of JULY 2022 vs 2021

Period	Mean Temperature (°C)				Mean Relative Humidity (%)				Total Rainfall	
	2022		2021		2022		2021		2022	2021
	Min	Max	Min	Max	0830 h	1430 h	0830 h	1430 h	mm	mm
1 – 10	16.0	22.0	17.0	26.0	100.0	98.0	93.0	84.0	288.0	64.2
11 – 20	16.0	21.0	16.0	22.0	99.0	98.0	100.0	95.0	732.8	176.8
21 – 30	17.0	25.0	16.0	23.0	93.0	81.0	89.0	90.0	65.8	307.6

08. Incidence of pests and diseases : Sporadic attack of RSM was reported from few of the estates during the month of July. Severe infection of blister blight & Grey blight/die-back diseases noticed in all the estates in Nilgiri - Wynaad. The incidence of TMB was noticed in pockets in few estates/nurseries during the month 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 : Adequate
:
14. Input availability : Normal
15. Information on other plantation crops, if any : Due to heavy rain no operations on other plantation crops.

Date: 02.08.2022

SR.ADVISORY OFFICER