

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: upasircgdr@gmail.com

RC-GDR/MR/2022/144

05.10.2022

REPORT FOR THE MONTH OF SEPTEMBER 2022

VISITS: During the month 7 visits were made to the member estates in connection with Advisory, training and experimental purpose.

Month	Advisory	Experimental	Total
September 2022	01	06	07
B/F from January	20	43	63
To date	21	49	70

WEATHER: The intensity of south west monsoon rainfall has come down during the month. There was continuous rainfall for the first fortnight of September and comes to halt. Again after a gap of five days it rained on 20th and 26th and the rain tailed off. The foggy and low temperature weather hindered the growth of tea and crop production was not to the expectations. The total rainfall recorded at the regional centre for the month of September 2022 was 178.4 mm with 15 wet days whereas, for the same corresponding month of last year it was 271.8 mm with 14 wet days and 345.1 mm for the decennial average. The minimum temperature fluctuated between 15.0 °C to 18 °C and the maximum temperature oscillated between 21.0 °C to 29.0 °C. The lowest relative humidity levels was 51 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
SEPTEMBER 2022	16.3	25.2	95.0	76.0	178.4	2917.8
SEPTEMBER 2021	17.1	25.0	94.0	81.0	271.8	1677.4
Decennial average	16.4	25.3	94.0	82.0	345.1	345.1

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	
	Sept.'22	Sept.'21	Total from Apr'22	Total from Apr'21	Total from Jan'22	Total from Jan'21	Fin year	Cal year
Productivity (MT/ha)	201	178	1235	1133	1733	1710	9.00	1.35
Production (m.kg)	698556	616133	4286845	3927661	6014119	5930174	9.14	1.42

PEST AND DISEASES: Sporadic attack of TMB was noticed in few of the estates during the month of September. Severe infection of blister blight noticed in all the estates and Die back/Grey blight was noticed in most of the fields during the month of September.

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

MEETINGS/LECTURES/TRAINING/SEMINARS (ATTENDED):

1. The Sr. Advisory Officer attended 129th Annual conference of UPASI - held at UPASI, "Glenview" Coonoor, on 19th September 2022.

ANALYTICAL:

Particulars	Members	Non members	Small growers	Total
pH and EC	-	-	-	-
Eelworms	-	-	-	-
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 OCTOBER 2022
DETAILS FOR THE MONTH OF SEPTEMBER 2022

01. Planting District : **NILGIRI WYNAAD**
02. Production in the month of SEPTEMBER'22 : 0.698 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 : Inclement weather.
05. Likely output in the current month and next two months : Oct. -0.770 M.kg*
 Nov. -0.720 M.kg*
 Dec. -0.680 M.kg*
06. **Actual rainfall for the month of SEPTEMBER 2022**

Date	M.M.	Date	M.M.	Date	M.M.
01	7.0	11	0.0	21	0.0
02	33.2	12	40.2	22	0.0
03	6.2	13	10.0	23	0.0
04	0.0	14	3.0	24	0.0
05	32.4	15	1.0	25	0.0
06	0.8	16	0.0	26	3.2
07	7.0	17	0.0	27	0.0
08	12.0	18	0.0	28	0.0
09	3.4	19	0.0	29	0.0
10	2.6	20	16.4	30	0.0
Total for the month					178.4
B/F from January					2739.4
TOTAL TO DATE					2917.8

*Estimated crop

07. Weather - Any special climatic features like temperature, relative humidity, sunshine hours, drought, wind, frost etc. : The intensity of south west monsoon rainfall has come down during the month. There was continuous rainfall for the first fortnight of September and comes to halt. Again after a gap of five days it rained on 20th and 26th and the rain tailed off.

Weather for the month of SEPTEMBER 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	16.6	24.0	16.8	24.0	98.0	88.0	87.0	85.0	104.6	108.4
11 – 20	15.0	25.0	18.0	25.0	94.0	72.0	82.0	78.0	70.6	118.8
21 – 30	16.0	27.0	16.8	25.0	91.0	68.0	92.0	79.0	3.2	44.6

08. Incidence of pests and diseases : Sporadic attack of TMB was noticed in few of the estates during the month of September. Severe infection of blister blight noticed in all the estates and Die back/Grey blight was noticed in most of the fields during the month of September.
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 : Normal
15. Information on other plantation crops, if any : Farmers face problems due to rain and wind. Plantain crops affected due to wind and also wild elephants damages.

Date: 05.10.2022

SR.ADVISORY OFFICER