

# UPASI TEA RESEARCH FOUNDATION

## REGIONAL CENTRE

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### REPORT FOR THE MONTH OF AUGUST 2022

**VISITS:** During the month 8 visits were made to the member estates in connection with Advisory, training and experimental purpose.

Month	Advisory	Experimental	Total
August 2022	00	07	07
B/F from January	20	36	56
To date	20	43	63

**WEATHER:** Continuity of rainfall after July was there till 12<sup>th</sup> of August 2022. The rain comes to halt and intermittent rains were registered till 23<sup>rd</sup> of August and again the intensity of rainfall increased from 23<sup>rd</sup> August to 31<sup>st</sup> August 2022. Splashing rains pounding for more than twelve days picks up pace in both the taluks of Nilgiri-Wayanad. The incessant and torrential rains triggered landslides in few places and floods in many places during the month. Power supply was disrupted as the trees fell on many places and electric towers and poles have fallen. Roads connectivity in too many villages is lost due to collapses of minor bridges, damages of culverts, blocks in drainages and uprooting of trees. The highest rain recorded was 636.8mm from 8<sup>th</sup> to 12<sup>th</sup> August 2022 for 6 days. The month August the weather was humid, cloudy, with low temperature and lack of sunshine hours which greatly hindered the crop promotions during the month. The total rainfall for the month of August 2022 was 988.4 mm with 24 wet days whereas, for the same corresponding month of last year it was 267.0 mm with 21 wet days and 549.5mm for the decennial average. The highest rainfall registered in August for the past one decade was 1304.0 mm during the year 2019 followed by 1134.8 mm during 2020. The minimum temperature fluctuated between 15.0 °C to 18 °C and the maximum temperature oscillated between 20.0 °C to 29.0 °C. The lowest relative humidity levels was 64 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
AUGUST 2022	16.6	24.0	95.0	87.0	988.4	2739.4
AUGUST 2021	16.3	24.2	96.0	86.0	267.0	1405.6
Decennial average	16.1	24.1	96.0	87.0	549.5	549.5

**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	
	August'22	August'21	Total from Apr'22	Total from Apr'21	Total from Jan'22	Total from Jan'21	Fin year	Cal year
<b>Productivity (MT/ha)</b>	182	148	1034	955	1532	1532	8.27	0.00
<b>Production (m.kg)</b>	631583	512006	3588289	3311528	5315563	5314041	8.36	0.03

**PEST AND DISEASES:** Sporadic attack of TMB was reported from few of the estates during the month of August. Severe infection of blister blight & Grey blight/die-back diseases noticed in all the estates.

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

As per the request of the Director I/C, UPASI TRI the Sr. Advisory officer took Training at UPASI -TEF, Regional centre, Coonoor on 8<sup>th</sup> August 2022 for the executives of Harrisons Malayalam Ltd B group of estates. The subjects covered are on “Botany of tea, Tea nursery management, plucking and pruning”. A total of 13 participants were the beneficiaries.

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

**ANALYTICAL:**

Particulars	Members	Non members	Small growers	Total
<b>pH and EC</b>	-	-	-	-
<b>Eelworms</b>	-	-	-	-
<b>Texture</b>	-	-	-	-

**SPECIMENS:** Nil.

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

**SR.ADVISORY OFFICER**

**MONTHLY REPORT FORWARDED IN THE MONTH OF SEPTEMBER 2022**  
**DETAILS FOR THE MONTH OF AUGUST 2022**

01. Planting District : **NILGIRI WYNAAD**
02. Production in the month of AUGUST'22 : 0.631 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 : Salubrious weather.
05. Likely output in the current month and next two months : Sept. -0.700 M.kg\*  
 Oct. -0.760 M.kg\*  
 Nov. -0.720 M.kg\*

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

Date	M.M.	Date	M.M.	Date	M.M.
01	25.0	11	102.6	21	0.0
02	31.2	12	87.0	22	1.0
03	3.0	13	5.2	23	23.0
04	19.0	14	0.0	24	15.2
05	71.0	15	0.0	25	13.4
06	32.2	16	7.4	26	14.8
07	0.0	17	0.0	27	16.4
08	213.8	18	0.0	28	0.0
09	120.8	19	2.0	29	20.0
10	113.4	20	0.0	30	33.0
				31	18.0
<b>Total for the month</b>					<b>988.4</b>
<b>B/F from January</b>					<b>1571.0</b>
<b>TOTAL TO DATE</b>					<b>2739.4</b>

\*Estimated crop

07. Weather - Any special climatic features like temperature, relative humidity, sunshine hours, drought, wind, frost etc. : Continuity of rainfall after July was there till 12<sup>th</sup> of August 2022. The rain comes to halt and intermittent rains were registered till 23<sup>rd</sup> of August and again the intensity of rainfall increased from 23<sup>rd</sup> August to 31<sup>st</sup> August 2022. Splashing rains pounding for more than twelve days picks up pace in both the taluks of Nilgiri-Wayanad.

**Weather for the month of AUGUST 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	22.0	16.0	24.0	99.0	95.0	98.0	85.0	629.4	70.6
11 – 20	16.0	25.0	16.0	24.0	90.0	76.0	97.0	88.0	204.2	101.8
21 – 30	16.6	25.0	16.0	24.0	94.0	87.0	95.0	85.0	154.8	94.6

08. Incidence of pests and diseases : Sporadic attack of TMB was reported from few of the estates during the month of August. Severe infection of blister blight & Grey blight/die-back diseases noticed in all the estates.
09. Meetings/Training : As per the request of the Director I/C, UPASI TRI the Sr. Advisory officer took Training at UPASI -TEF, Regional centre, Coonoor on 8<sup>th</sup> August 2022 for the executives of Harrisons Malayalam Ltd B group of estates. The subjects covered are on “Botany of tea, Tea nursery management, plucking and pruning”. A total of 13 participants were the beneficiaries.
10. Major issues (Give details of major and significant issues) : Agitations against BUFFER ZONE (ECO-SENSITIVE ZONE) by Merchant Associations and different political parties were held on 29<sup>th</sup> and 30<sup>th</sup> August 2022.
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 : Due to the torrential rains vegetables and plantain cultivation were affected. The prices of Nenthran, Nalli Poovan had gone high due to the low production, affected to the heavy rains.