

UPASI TEA RESEARCH FOUNDATION

REGIONAL CENTRE

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REPORT FOR THE MONTH OF MAY 2022

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

Month	Advisory	Experimental	Total
May 2022	02	04	06
B/F from January	13	18	31
To date	15	22	37

WEATHER: Fairly good amount of rains and warm weather during the month of May brought the much needed for the growth of tea. Due to the effective rains most of the seasonal agricultural operations are able to complete in time. Though the sky opens up many days in the month rains were accompanied with gusty winds, lightening and thunders. The quantum of rainfall registered during the month was 323.8 mm for 20 wet days and the amount of rain registered was better after 2018; 351.4mm when taken in to account for a decade. Regional centre recorded 66.6 mm one day rainfall as highest on 16th May. The rainfall was higher than last year 260.0mm and decennial average 158.0mm. Cloudy weather prevailed from the morning hours leading to humidity and temperature increase prevented the infection of Blister Blight disease. The increase in production in Nilgiri – Wayanad during the month of May was chiefly due to the hostile weather experienced, the nutrients supplemented and the efforts taken by the planters to harvest the entire crop without allowing to overgrown situations. The minimum temperature in Gudalur region was between 16 °C to 19 °C and the maximum temperature fluctuated between 20 °C to 30 °C. The lowest relative humidity was 64 per cent and the highest registered was 100 per cent during the month. 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.

Period	Mean Temperature (°C)		Mean Relative humidity (%)		Rainfall (mm)	
	Min	Max	0830 h	1430 h	Month	To date
May 2022	17.2	25.4	95.0	82.0	323.8	452.6
May 2021	17.2	27.0	93.0	77.0	252.0	352.0
Decennial average	17.9	27.9	90.0	73.0	158.0	158.0

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	
	May'22	May'21	Total from Apr'22	Total from Apr'21	Total from Jan'22	Total from Jan'21	Fin year	Cal year
Productivity (MT/ha)	270	183	444	355	942	932	25.07	1.07
Production (m.kg)	935317	635304	1539790	1231533	3267064	3234046	25.03	1.02

PEST AND DISEASES: The incidence of RSM well under control in most of the estates during the month of May. The infestation of Blister blight & Grey Blight disease seen in vulnerable pockets and the die-back in shearing/MH fields.

MEETINGS/LECTURES/TRAINING/SEMINARS (CONDUCTED):

Nil

MEETINGS/LECTURES/TRAINING/SEMINARS (ATTENDED):1. Sr. Advisory Officer had preliminary discussions on Outturn percentages/Price sharing Formula and various subjects related to Tea manufacturing and cultural practices with the Asst. Director of Tea Board of India, Gudalur his colleagues and scientists from Rubber board on 10th May 2022 at Tea Board Office, Gudalur.

2. The Sr. Advisory Officer attended the stock holders meeting jointly organized by Tea Board of India & Rubber board of India, on 11th May 2022 at three places, one in Cosmopolitan Club for the factory personnel's, second one in Tea Board Office Gudalur for the small growers and the third one at Carolyn staff club. The officials also visited Chembala Tea Factory & Carolyn Tea Factory to see the manufacturing and had discussions thereafter. The purpose of the meeting was to find out the outturn percentage variations compared with Wayanad to finalise the Price Sharing Formula in Nilgiri Wynaad.

ANALYTICAL:

Particulars	Members	Non members	Small growers	Total
pH and EC	33	-	04	37
Eelworms	33	-	-	33
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 JUNE 2022
DETAILS FOR THE MONTH OF MAY 2022

01. Planting District : **NILGIRI WYNAAD**
02. Production in the month of MAY'22 : 0.935 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 : Favourable weather & sound inputs.
05. Likely output in the current month and next two months : June -0.800 M.kg*
 July -0.700 M.kg*
 Aug -0.650 M.kg*
06. **Actual rainfall for the month of MAY 2022**

Date	M.M.	Date	M.M.	Date	M.M.
01	0.0	11	0.0	21	17.4
02	14.4	12	0.0	22	0.0
03	0.0	13	22.0	23	21.0
04	24.6	14	1.0	24	0.0
05	23.4	15	0.0	25	0.0
06	43.2	16	11.0	26	4.6
07	0.0	17	66.6	27	0.0
08	0.0	18	13.4	28	0.0
09	30.0	19	18.0	29	0.0
10	0.6	20	3.6	30	0.0
				31	9.0
Total for the month					323.8
B/F from January					128.8
TOTAL TO DATE					452.6

*Estimated crop

07. Weather - Any special climatic features like temperature, relative humidity, sunshine hours, drought, wind, frost etc. : Fairy good amount of rains and warm weather during the month of May. Though the sky opens up many days in the month rains were accompanied with gusty winds, lightening and thunders.

Weather for the month of MAY 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	17.0	27.0	17.0	29.0	94.0	78.0	89.0	71.0	136.2	0.0
11 – 20	17.0	23.0	17.0	26.6	99.0	92.0	95.0	81.0	135.6	179.6
21 – 30	18.0	26.6	17.0	26.0	93.0	73.0	95.0	78.0	52.0	80.4

08. Incidence of pests and diseases : Pests like RSM, TMB & others are legible. The infestation of Blister blight & Grey Blight disease seen in vulnerable pockets and the die-back in shearing/MH fields.
09. Meetings/Training
1. Sr. Advisory Officer had preliminary discussions on Outturn percentages/Price sharing Formula and various subject related to Tea manufacturing and cultural practices with the Asst. Director of Tea Board of India, Gudalur his colleagues and scientists from Rubber Board on 10th May 2022 at Tea Board Office, Gudalur.
 2. The Sr. Advisory Officer attended the stock holders meeting jointly organized by Tea Board of India & Rubber board of India, on 11th May 2022 at three places, one in Cosmopolitan Club for the factory personnel's, second one in Tea Board Office Gudalur for the small growers and the third one at Carolyn staff club. The officials also visited Chembala Tea Factory & Carolyn Tea Factory to see the manufacturing and had discussions thereafter. The purpose of the meeting was to find out the outturn percentage variations compared with Wayanad to finalise the Price Sharing Formula in Nilgiri Wayanad.
- 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 : Uprooting of Tea and as an alternate crop coffee is .planted in small sectors due to shortage of workers and low price of Tea.

Date: 04.06.2022

SR.ADVISORY OFFICER