

UPASI TEA RESEARCH FOUNDATION

REGIONAL CENTRE

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REPORT FOR THE MONTH OF JUNE 2022

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

Month	Advisory	Experimental	Total
June 2022	02	07	09
B/F from January	15	22	37
To date	17	29	46

WEATHER: The month June was typical and every day there was change a blend of snowy, drizzle, rain, sunny & warm weather experienced. The south west monsoon sets in from 5th of June and not vigorous as expected. There was no heavy rush crop due to the weather prevailed throughout the month, at the same time an average steady crop was harvested during the month. The total rainfall recorded for the month of June was very scanty 211.8 mm with 20 wet days and it was 238.0mm for the same corresponding month of last year with 18 wet days. The total rainfall for the calendar year is 664.4mm and for the same corresponding period of last year it was 590.0 mm (12.6% higher). The driest months of June in the past 40 years of record available in the regional centre reveals that this year June is also one of the below normal month. The minimum temperature fluctuated between 16 °C to 18 °C and the maximum temperature oscillated between 23.0 °C to 28 °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
June 2022	16.7	26.0	96.0	78.0	211.8	664.4
June 2021	16.8	25.1	93.0	82.0	238.0	590.0
Decennial average	16.8	24.8	94.0	85.0	399.8	399.8

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'22	June'21	Total from Apr'22	Total from Apr'21	Total from Jan'22	Total from Jan'21	Fin year	Cal year
Productivity (MT/ha)	258	247	702	602	1200	1179	16.61	1.28
Production (m.kg)	895428	857505	2435218	2089038	4162492	4091551	16.57	1.73

PEST AND DISEASES: The incidence of RSM noticed in most of the estates, in few prone sectors during the month of June. Incidence of grey blight/die-back and blister blight diseases seen on increasing trend in most of the estates.

MEETINGS/LECTURES/TRAINING/SEMINARS (CONDUCTED):

1. On June 23rd, 2022 The Advisory Officer gave field oriented training programme on method of assessment of Blister blight, Grey blight, TMB, RSM and SHB to the Field Officers, Asst. Field officers and Supervisors of Carolyn estate, M/s. Parry Agro Industries ltd.

MEETINGS/LECTURES/TRAINING/SEMINARS (ATTENDED):1. Sr. Advisory Officer attended and conducted a training programme organized by Tea Board of India, Gudalur for the small growers belonging to Pakkanna on 16th June 2022. The subject covered are "Basic, Seasonal aspects like Blister Blight, Grey Blight/die-back diseases and on important points of Tea cultivation. The Asst. Director of Tea Board of India, Gudalur his colleagues Mr. Varun, D.O were present on that day.

ANALYTICAL:

Particulars	Members	Non members	Small growers	Total
pH and EC	02	-	04	06
Eelworms	02	-	-	02
Texture	-	-	-	-

SPECIMENS: Nil.

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

SR.ADVISORY OFFICER

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

01. Planting District : **NILGIRI WYNAAD**
02. Production in the month of JUNE'22 : 0.895 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.
05. Likely output in the current month and next two months : July -0.750 M.kg*
 Aug -0.680 M.kg*
 Sept. -0.760 M.kg*
06. **Actual rainfall for the month of JUNE 2022**

Date	M.M.	Date	M.M.	Date	M.M.
01	1.0	11	0.0	21	37.0
02	0.0	12	0.0	22	28.4
03	0.0	13	9.2	23	7.2
04	0.0	14	0.0	24	1.0
05	0.0	15	2.0	25	15.2
06	6.8	16	3.0	26	0.0
07	0.0	17	11.0	27	7.6
08	4.0	18	3.2	28	34.0
09	2.8	19	0.0	29	28.4
10	0.0	20	5.0	30	5.0
		Total for the month			211.8
		B/F from January			452.6
		TOTAL TO DATE			664.4

*Estimated crop

07. Weather - Any special climatic features like temperature, relative humidity, sunshine hours, drought, wind, frost etc. : The month June was typical and every day there was change, a blend of snowy, drizzle, rain, sunny& warm weather experienced. The south west monsoon sets in from 5th of June and not vigorous as expected.

Weather for the month of JUNE 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	27.0	93.0	74.0	91.0	75.0	14.6	22.8
11 – 20	16.6	26.6	17.0	22.0	93.0	82.0	92.0	95.0	33.5	163.8
21 – 30	16.4	25.0	16.0	26.0	100	84.0	92.0	78.0	163.8	51.4

08. Incidence of pests and diseases : The incidence of RSM noticed in most of the estates, in few prone sectors during the month of June. Incidence of grey blight/die-back and blister blight diseases seen on increasing trend in most of the estates.
09. Meetings/Training
1. On June 23rd, 2022 The Advisory Officer gave field oriented training programme on method of assessment of Blister blight, Grey blight, TMB, RSM and SHB to the Field Officers, Asst. Field officers and Supervisors of Carolyn estate, M/s. Parry Agro Industries ltd.
 2. Sr. Advisory Officer attended and conducted a training programme organized by Tea Board of India, Gudalur for the small growers belonging to Pakkanna on 16th June 2022. The subject covered are "Basic, Seasonal aspects like Blister Blight, Grey Blight/die-back diseases and on important points of Tea cultivation. The Asst. Director of Tea Board of India, Gudalur his colleagues Mr. Varun, D.O were present on that day.
- 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 & planting Coffee is in progress in some of the small grower's area.

Date: 04.07.2022

SR.ADVISORY OFFICER