

UPASI TEA RESEARCH FOUNDATION

REGIONAL CENTRE

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REPORT FOR THE MONTH OF OCTOBER 2022

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

Month	Advisory	Experimental	Total
October 2022	01	07	08
B/F from January	21	49	70
To date	22	56	78

WEATHER: North east rainfall for the month was fairly good and the weather was salubrious. Cold and windy weather experienced from 25th of October 2022. A total of 19 days were recorded as rainy days out of 18 as wet days. The total rainfall recorded for the month was 181.8 mm whereas for the same month of last year it was 293.8 mm with 19 wet days. The total rainfall for the year is 3099.6 mm and for the same corresponding period of last year it was 1971.2 mm, an increase of 57.2 % (1128.4 mm). The last rain recorded was on 22nd October 2022 and thereafter chilled weather continues. The minimum temperature fluctuated between 12.0 °C to 18 °C and the maximum temperature oscillated between 21.0 °C to 28.0 °C. The lowest relative humidity level was 55 per cent and the highest 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
OCTOBER 2022	15.5	25.2	92.0	75.0	181.8	3099.6
OCTOBER 2021	17.1	25.3	97.0	84.0	293.8	1971.2
Decennial average	16.0	26.1	93.0	76.0	164.8	164.8

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	
	Oct.'22	Oct.'21	Total from Apr'22	Total from Apr'21	Total from Jan'22	Total from Jan'21	Fin year	Cal year
Productivity (MT/ha)	205	186	1440	1318	1938	1895	9.26	2.27
Production (m.kg)	712851	644181	4999696	4571842	6726970	6574355	9.36	2.32

PEST AND DISEASES: Mild to moderate infection of blister blight & Grey blight/die-back diseases noticed in all the estates in Nilgiri - Wynaad during the month of October 2022. Incidence of red spider mites was also seen increasing in Gudalur, Pandalur and Daverashola zones.

MEETINGS/LECTURES/TRAINING/SEMINARS (CONDUCTED):

1. 27th Area scientific conference was conducted on 3rd October 2022 at Cosmopolitan club Gudalur.
2. Mr. M .A. Subair, Sr. Advisory Officer, conducted a field oriented training and demonstration on the “method of harvesting practices and importance of leaf addition” to the Sr. Manager, Manager, Asst. Manager, Field Officers, Asst. Field Officers, supervisors and pluckers of Carolyn estate on 5th October 2022. A total of 25 participants were the beneficiaries.

MEETINGS/LECTURES/TRAINING/SEMINARS (ATTENDED):

1. Advisory Officer attended the 27th ASC & 103rd AGM of NWPA held at Cosmopolitan Club on 3rd October 2022.

ANALYTICAL:

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

SPECIMENS: Nil.

VISITORS: Mr. Jeffry J.S. Rebello, President – UPASI, Mr, Sreedharan C., Vice-President, UPASI, Mr. Sooraj, Asst. Secretary and Mr. K. Ganesan, Manager Accounts and Administration – UPASI visited and inspected the regional centre on 19th October 2022 in connection with sanctioning of works to be carried out in the regional centre.

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

SR.ADVISORY OFFICER

MONTHLY REPORT FORWARDED IN THE MONTH OF NOVEMBER 2022
DETAILS FOR THE MONTH OF OCTOBER 2022

01. Planting District : **NILGIRI WYNAAD**
02. Production in the month of OCTOBER'22 : 0.712 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 : Nov. -0.720 M.kg*
 Dec . -0.660 M.kg*
 Jan'23 -0.650 M.kg*

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

Date	M.M.	Date	M.M.	Date	M.M.
01	1.0	11	0.0	21	15.0
02	0.0	12	10.4	22	5.0
03	9.0	13	0.0	23	0.0
04	0.0	14	6.2	24	0.0
05	12.4	15	5.6	25	0.0
06	6.0	16	0.0	26	0.0
07	6.2	17	33.0	27	0.0
08	0.0	18	20.6	28	0.0
09	0.0	19	26.0	29	0.0
10	20.4	20	5.0	30	0.0
Total for the month					181.8
B/F from January					2917.8
TOTAL TO DATE					3099.6

*Estimated crop

07. Weather - Any special climatic features like temperature, relative humidity, sunshine hours, drought, wind, frost etc. : North east rainfall for the month was fairly good and the weather was salubrious. Cold and windy weather experienced from 25th of October 2022. A total of 19 days were recorded as rainy days out of 18 as wet days

Weather for the month of OCTOBER 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	15.0	25.0	17.5	26.0	93.0	81.0	99.0	86.0	55.0	128.6
11 – 20	17.0	25.0	17.0	25.0	95.0	83.0	98.0	86.0	106.8	93.0
21 – 30	14.5	25.6	17.0	25.0	88.0	61.0	96.0	81.0	20.0	72.2

08. Incidence of pests and diseases : Mild to moderate infection of blister blight & Grey blight/die-back diseases noticed in all the estates in Nilgiri - Wynaad during the month of October 2022. Incidence of red spider mites was also seen increasing in Gudalur, Pandalur and Daverashola zones.
09. Meetings/Training
1. Mr. M .A. Subair, Sr. Advisory Officer, conducted a field oriented training and demonstration on the “method of harvesting practices and importance of leaf addition” to the Sr. Manager, Manager, Asst. Manager, Field Officers, Asst. Field Officers, supervisors and pluckers of Carolyn estate on 5th October 2022. A total of 25 participants were the beneficiaries.
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 : Shortage of Fertilizers.
15. Information on other plantation crops, if any : Paddy picks up pace in growth and seen greenery.

Date: 03.11.2022

SR.ADVISORY OFFICER