

# UPASI TEA RESEARCH FOUNDATION

## REGIONAL CENTRE

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RC-GDR/MR/2022/89

05.05.2022

### REPORT FOR THE MONTH OF APRIL 2022

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

Month	Advisory	Experimental	Total
April 2022	04	04	08
B/F from January	09	14	23
To date	13	18	31

**WEATHER:** The fresh spell of summer rains were started in both Pandalur and Gudalur taluks during the first week of the month. Rainfall occurred in other parts of Pandalur are not similar. The effective rain started from 11<sup>th</sup> and continued till 18<sup>th</sup> April 2022 and the intensity of rain came down there after. During the month it was singing hot most of the days from noon to evening and the sky remains dark and cloudy with lasting of thunders and lightening without rains. The drought was broken with 82.4 mm from 11<sup>th</sup> to 18<sup>th</sup> April, which accumulated within five days. Even though the mercury dipped marginally after the rains the maximum temperature touched a whopping 30 to 32 degree Celsius reeling under heat wave. The minimum temperature fluctuated between 15 °C to 20 °C and the maximum temperature 25 °C to 32 °C. The lowest relative humidity levels was 64 per cent and the highest registered was 100 per cent. The rainfall registered in our regional centre for the month of April was 113.8 mm with 10 wet days. Corresponding month of last year it was 54.8mm with seven wet days. The total rainfall for the year from January to April was 128.2 mm and for the same period last year it was 92.0 mm. 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
April 2022	17.4	28.8	91.0	74.0	113.8	128.8
April 2021	17.2	29.6	90.0	72.0	54.8	92.0
Decennial average	17.5	30.4	89.0	64.0	68.6	68.6

**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	
	April'22	April'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>	174	172	174	172	672	749	1.16	-10.28
<b>Production (m.kg)</b>	604473	596229	604473	596229	2331747	2598742	1.38	-10.27

**PEST AND DISEASES:** The incidence of RSM noticed less than the ETL in most of the estates during the month of April. The Blister blight lesions not appeared so far this year.

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

**Nil**

**MEETINGS/LECTURES/TRAINING/SEMINARS (ATTENDED):** Sr. Advisory Officer attended the Third party Evaluation of Tea Board Schemes organized by Tea Board of India, along with Dr. P. Mohan Kumar, Advisor Core Committee of UPASI, Mr. George, Asst. Director of Tea Board and his colleagues (Mr. Anand, Mr. Karthikeyan & Mr. Neel kamal) on 4<sup>th</sup> April 2022 at two places, one in Gudalur and Pandalur Taluk.

**ANALYTICAL:**

Particulars	Members	Non members	Small growers	Total
<b>pH and EC</b>	17	-	08	25
<b>Eelworms</b>	-	-	-	-
<b>Texture</b>	-	-	-	-

**SPECIMENS:** Nil.

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

**SR.ADVISORY OFFICER**

**MONTHLY REPORT FORWARDED IN THE MONTH OF MAY 2022**  
**DETAILS FOR THE MONTH OF APRIL 2022**

01. Planting District : **NILGIRI WYNAAD**
02. Production in the month of APRIL'22 : 0.604 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 : Drought stress is minimal & summer rains.
05. Likely output in the current month and next two months : May -0.700 M.kg\*  
 June -0.750 M.kg\*  
 July -0.600 M.kg\*
06. **Actual rainfall for the month of APRIL 2022**

Date	M.M.	Date	M.M.	Date	M.M.
<b>01</b>	0.0	<b>11</b>	<b>4.0</b>	<b>21</b>	0.0
<b>02</b>	0.0	<b>12</b>	<b>1.4</b>	<b>22</b>	0.0
<b>03</b>	0.0	<b>13</b>	<b>17.0</b>	<b>23</b>	0.0
<b>04</b>	0.0	<b>14</b>	<b>41.2</b>	<b>24</b>	<b>7.0</b>
<b>05</b>	0.0	<b>15</b>	0.0	<b>25</b>	0.0
<b>06</b>	0.0	<b>16</b>	<b>15.2</b>	<b>26</b>	0.0
<b>07</b>	0.0	<b>17</b>	0.0	<b>27</b>	<b>6.0</b>
<b>08</b>	0.0	<b>18</b>	<b>9.0</b>	<b>28</b>	0.0
<b>09</b>	<b>1.4</b>	<b>19</b>	<b>1.4</b>	<b>29</b>	0.0
<b>10</b>	0.0	<b>20</b>	0.0	<b>30</b>	<b>10.2</b>
		<b>Total for the month</b>			<b>113.8</b>
		<b>B/F from January</b>			<b>15.0</b>
		<b>TOTAL TO DATE</b>			<b>128.8</b>

\*Estimated crop

07. Weather - Any special climatic features like temperature, relative humidity, sunshine hours, drought, wind, frost etc. : The fresh spell of summer rains were started in both Pandalur and Gudalur taluks during the first week of the month. During the month it was singering hot most of the days from noon to evening and the sky remains dark and cloudy with lasting of thunders and lightening without rains.

## Weather for the month of APRIL 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	29.0	16.6	31.0	91.0	68.0	90.0	67.0	1.4	11.4
11 – 20	17.6	27.0	17.0	29.0	92.0	79.0	91.0	74.0	89.2	34.4
21 – 30	18.0	29.5	18.0	29.0	90.0	74.0	90.0	74.0	23.2	9.0

08. Incidence of pests and diseases : The incidence of RSM noticed less than the ETL in most of the estates during the month of April. The Blister blight lesions not appeared so far this year.
09. Meetings/Training  
Sr. Advisory Officer attended the Third party Evaluation of Tea Board Schemes organized by Tea Board of India, along with Dr. P. Mohan Kumar, Advisor Core Committee of UPASI, Mr. George, Asst. Director of Tea Board and his colleagues (Mr. Anand, Mr. Karthikeyan & Mr. Neel kamal) on 4<sup>th</sup> April 2022 at two places, one in Gudalur and Pandalur Taluk.
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 : Shortage of Fertilizers.
15. Information on other plantation crops, if any : Coffee desuckering, pruning in most of the places are in progress.

**Date: 05.05.2022**

**SR.ADVISORY OFFICER**