

UPASI TEA RESEARCH FOUNDATION

REGIONAL CENTRE

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REPORT FOR THE MONTH OF MARCH 2022

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

Month	Advisory	Experimental	Total
March 2022	03	04	07
B/F from January	06	10	16
To date	09	14	23

WEATHER: Though the sky was overcast for many days during the second fortnight of March in both the taluks, scattered rains were reported and the drizzles to light rains changed to vigorous in some parts of the district. The short span of summer rains was not much effective for improving the growth. Few days the overcast ends up with mere thunders, lightning and winds. Although both the taluks received effective north east rains during the year 2021 which continued up to the first week of December 2021, the excess water accrued during NE monsoon seen rapidly drying up during February and March due to the rising temperature. The light and moderate showers during the fag end of March brought down the mercury level, respite from sweltering heat. The drought situation during the year seems to be moderate which attributed to the effective NE rains. More drought stress noticed in few bushes/pockets where the bushes are already weak due to the age old factors, having severe bole and primary branch cankers, where harvesting gone harder and where ever shade is inadequate. This light rains and sizzling temperature during March have brought in to sharp focus that the drought situation in April going to be harsh if the taluks didn't receive any pre-monsoon showers due to the inclement weather prevailed during the fag end of March there are chances of flare up of Red Spider Mites. During the first fortnight of March the minimum temperature ranges from 10 °C to 16 °C and the maximum temperature fluctuates between 28 °C to 32 °C. Whereas, second fortnight the minimum temperature ranges from 13 °C to 18 °C and the maximum temperature fluctuates between 29 °C to 32 °C. The highest relative humidity was 91 percent and the lowest recorded was 26 percent.

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
March 2022	14.6	29.6	87.0	58.0	15.0	15.0
March 2021	14.6	30.4	87.0	53.0	0.0	37.2
Decennial average	15.0	30.4	88.0	54.0	8.7	8.7

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 % \pm over last year	
	March-22	March-21	Total from Apr'21	Total from Apr'20	Total from Jan'22	Total from Jan'21	Fin year	Cal year
Productivity (YPH)	166	213	2146	2468	498	583	-13.05	-14.58
Production (m.kg)	574562	730591	7443881	8459544	1727274	2002513	-12.01	-13.74

PEST AND DISEASES: The incidence of Red Spider mite & TMB under control in most of the estates during the month of March.

MEETINGS/LECTURES/TRAINING/SEMINARS (CONDUCTED):

Nil

MEETINGS/LECTURES/TRAINING/SEMINARS (ATTENDED):

ANALYTICAL:

Particulars	Members	Non members	Small growers	Total
pH and EC	04	-	04	08
Eelworms	-	-	-	-
Texture	-	-	-	-

SPECIMENS: Fourteen root samples were examined and the report sends to the concern estate.

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

SR.ADVISORY OFFICER

MONTHLY REPORT FORWARDED IN THE MONTH OF APRIL 2022
DETAILS FOR THE MONTH OF MARCH 2022

01. Planting District : **NILGIRI WYNAAD**
02. Production in the month of MARCH'22 : 0.574 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 : Unfavourable weather.
05. Likely output in the current month and next two months : Apr -0.620 M.kg*
 May -0.700 M.kg*
 June -0.750 M.kg*
06. **Actual rainfall for the month of MARCH 2022**

Date	M.M.	Date	M.M.	Date	M.M.
01	0.0	11	0.0	21	0.0
02	0.0	12	0.0	22	0.0
03	0.0	13	0.0	23	0.0
04	0.0	14	0.0	24	1.0
05	0.0	15	0.0	25	0.0
06	0.0	16	0.0	26	0.0
07	0.0	17	0.0	27	0.0
08	0.0	18	0.0	28	10.0
09	0.0	19	0.0	29	0.0
10	0.0	20	0.0	30	1.2
				31	2.8
Total for the month					15.0
B/F from January					0.0
TOTAL TO DATE					15.0

*Estimated crop

07. Weather - Any special climatic features like temperature, relative humidity, sunshine hours, drought, wind, frost etc. : Though the sky was overcast for many days during the second fortnight of March in both the taluks, scattered rains were reported and the drizzles to light rains changed to vigorous in some parts of the district. The short span of summer rains was not much effective for improving the growth. Few days the overcast ends up with mere thunders, lightning and winds

Weather for the month of MARCH 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	13.0	30.0	13.0	30.0	82.0	43.0	86.0	40.0	0.0	0.0
11 – 20	14.6	30.0	14.6	30.0	88.0	62.0	86.0	53.0	0.0	0.0
21 – 30	16.0	28.6	16.6	31.0	91.0	67.0	88.0	66.0	15.0	0.0

08. Incidence of pests and diseases : The attack of RSM is mild and moderate in most of the estates during the month of February. Tea Mosquito Bug incidences noticed in few sectors and well under control.
09. Meetings/Training Nil
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 Managing with migrant workers.
13. Power supply : Adequate
:
14. Input availability : Shortage of Fertilizers.
15. Information on other plantation crops, if any : Blossom showers received and follow up backing rains for fruit set is not much effective.

Date: 05.04.2022

SR.ADVISORY OFFICER