

UPASI TEA RESEARCH FOUNDATION

REGIONAL CENTRE

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RC-GDR/MR/2023/17

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REPORT FOR THE MONTH OF JANUARY 2023

VISITS: During the month 13 visits were made to the member estates in connection with Advisory, trainings and experimental purposes.

Month	Advisory	Experimental	Total
January 2023	01	07	08
B/F from January	01	07	08
To date	01	07	08

WEATHER: During the month under report more number of days recorded with low temperatures compared to many years. Most of the days mist filled roads from late evening to morning and freezing feeling experienced. Due to the frosting Blister Blight disease infections are noticed in the prone pockets. The lowest temperature recorded was 6 °C on 14th, 16th and 17th of the month (three days). During the month 7 °C was recorded 4 days; 8 °C for 9 days; 9 °C for a day; 10 °C for 3 days; 12 °C one day; 13 °C for 2 days and 15°C for a day, which indicates a direct correlation of retardation of shoot growth. The minimum temperature fluctuated between 6 °C to 15 °C and the maximum temperature oscillated between 23 °C to 29 °C. During the month the sky was downcast, grappled with high humidity at two days, it failed to open one day and the other day barely received 5.0mm rain in the regional centre. There was report from some of the zone that there were light to moderate isolated rains and at the same time it was scanty in few regions. Last year there was no rain during the month of January. The afternoon relative humidity fluctuated between 21 per cent to 91 percent and the morning relative humidity varied between 80 to 90 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 1 & 2.

Table 1 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
January 2023	9.0	26.8	88.0	48.0	5.0	5.0
January 2022	12.0	27.0	90.0	54.0	0.0	0.0
Decennial average	11.0	27.2	88.0	53.0	6.6	

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	
	Jan.'23	Jan.'22	Total from Apr'22	Total from Apr'21	Total from Jan'23	Total from Jan'22	Fin year	Cal year
Productivity (MT/ha)	167	186	1998	1834	167	186	8.94	-10.22
Production (m.kg)	580693	645785	6932897	6362392	580693	645785	8.97	-10.08

PEST AND DISEASES: The incidence of blister blight infection noticed in prone pockets due to high humidity. The attack of RSM is under control in most of the estates during the month of January.

MEETINGS/LECTURES/TRAINING/SEMINARS (CONDUCTED):

1. M .A. Subair, Sr. Advisory Officer, conducted an in room session and demonstration on 3rd January 2023 to the field officers, Asst. Field Officers, Supervisors at Mangorange club, Carolyn estate. The subjects covered in the in room session are on “importance of soil and method of soil sampling” and the second topics on “Method of harvesting and importance of mother leaf addition”. After the in room session a demonstration on method of soil sampling and harvesting was also conducted on the same day. A total of 15 participants from the estate attended the in room session and a gang of pluckers participated in the field.

MEETINGS/LECTURES/TRAINING/SEMINARS (ATTENDED):

1. Sr. Advisory Officer attended and conducted a training programme organized by Tea Board of India, Gudalur for the tribe’s of small growers belonging to CTRD Trust at Ealamanna on 12th January 2023. The subject covered is “Good Agricultural Practices (GAP) in tea. The Asst. Director of Tea Board of India, Gudalur his colleagues Mr. Varun, D.O were present on that day.
2. Sr. Advisory Officer attended and conducted a training programme organized by Tea Board of India, Gudalur for the small growers belonging to TC Factory at Marthoma Nagar on 19th January 2023. The subject covered is “Good agricultural Practices (GAP) in tea. The Asst. Director of Tea Board of India, Gudalur his colleagues Mrs. Anjali, D.O were present on that day.
3. Sr. Advisory Officer attended and conducted a training programme organized by Tea Board of India, Gudalur for the small growers, at Rousdonmullai, Devala on 20th January 2023. The subject covered is “Good Agricultural Practices (GAP) in tea. The Asst. Director of Tea Board of India, Gudalur his colleagues Mrs. Anjali, D.O were present on that day

4. Sr. Advisory Officer attended and conducted a training programme organized by Tea Board of India, Gudalur for the small growers, Kunnalady at Uppatty on 23rd January 2023. The subject covered is “Good Agricultural Practices (GAP) in tea. Mr.Varun the Development Officer of Tea Board of India, Gudalur were present on that day.

ANALYTICAL:

Particulars	Members	Non members	Small growers	Total
pH and EC	01	-	14	15
Eelworms	01	-	-	01
Texture	-	-	-	-

SPECIMENS: Nil.

VISITORS: Mr. Sanjith R, Secretary - UPASI, Coonoor visited and inspected the regional centre on 21st January 2023 in connection with the works to be carried out in the regional centre.

During the month 11 visitors were visited our regional centre in connection with different official matters.

SR.ADVISORY OFFICER

MONTHLY REPORT FORWARDED IN THE MONTH OF FEBRUARY 2023
DETAILS FOR THE MONTH OF JANUARY 2023

01. Planting District : **NILGIRI WYNAAD**
02. Production in the month of JANUARY'23 : 0.580 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 : More number of days with low temperatures.
05. Likely output in the current month and next two months : Feb'23 -0.550 M.kg*
Mar -0.600 M.kg*
Apr -0.580 M.kg*

06. **Actual rainfall for the month of JANUARY 2023**

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	0.0
05	0.0	15	0.0	25	5.0
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	0.0
09	0.0	19	0.0	29	0.0
10	0.0	20	0.0	30	0.0
Total for the month					5.0
B/F from January					5.0
TOTAL TO DATE					5.0

*Estimated crop

07. Weather - Any special climatic features like temperature, relative humidity, sunshine hours, drought, wind, frost etc. : During the month under report more number of days recorded with low temperatures compared to many years. Most of the days mist filled roads from late evening to morning and freezing feeling experienced. The lowest temperature recorded was 6 °C on 14th, 16th and 17th of the month (three days).

Weather for the month of JANUARY 2023 vs 2022

Period	Mean Temperature (°C)				Mean Relative Humidity (%)				Total Rainfall	
	2023		2022		2023		2022		2023	2022
	Min	Max	Min	Max	0830 h	1430 h	0830 h	1430 h	mm	mm
1 – 10	9.6	26.6	13.4	27.0	87.0	47.0	90.0	62.0	0.0	0.0
11 – 20	7.0	27.6	11.6	27.0	89.0	34.0	91.0	52.0	0.0	0.0
21 – 30	10.6	26.0	11.0	27.0	88.0	65.0	88.0	50.0	5.0	0.0

08. Incidence of pests and diseases : : The incidence of blister blight infection noticed in prone pockets due to high humidity. The attack of RSM is under control in most of the estates during the month of January.

09. Meetings/Training

1. M .A. Subair, Sr. Advisory Officer, conducted an in room session and demonstration on 3rd January 2023 to the field officers, Asst. Field Officers, Supervisors at Mangorange club, Carolyn estate. The subjects covered in the in room session are on “importance of soil and method of soil sampling” and the second topics on “Method of harvesting and importance of mother leaf addition”. After the in room session a demonstration on method of soil sampling and harvesting was also conducted on the same day. A total of 15 participants from the estate attended the in room session and a gang of pluckers participated in the field.

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- 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 : Bitter guard and white pumpkin planted in most of the swamp regions.

Date: 02.02.2023

SR.ADVISORY OFFICER