

UPASI TEA RESEARCH FOUNDATION

REGIONAL CENTRE

P.B.No.1, Parkglen, Gudalur – 643 212, The Nilgiris.
Regd. Office: Glenview, Coonoor – 643 101, The Nilgiris.

Grams: UPASI, GUDALUR
URL: www.upasitearesearch.org

Phone: 04262 – 261339
E-mail: upasircgdr@gmail.com

RC-GDR/MR/2022/165

06.12.2022

REPORT FOR THE MONTH OF NOVEMBER 2022

VISITS: During the month 11 visits were made to the member estates in connection with Advisory, trainings and experimental purposes.

Month	Advisory	Experimental	Total
November 2022	03	08	11
B/F from January	22	56	78
To date	25	64	89

WEATHER: Compared to last year weaker northeast monsoon experienced this year but the weather was little bit salubrious which helped to maintain fairly good crop production in Nilgiri-Wayanad. During the month most of the days it was foggy and it's been a freezing feeling at night for few days. Despite clouds hovering over most of the days in all the regions, did not receive rains as predicted and was disappeared with light drizzle which not even measurable one. The hanging mist increased the blister blight infection in the vulnerable pockets. During the month of November regional centre recorded 10.0mm on 3rd November, 29.2 mm on 12th November, 7.0 mm on 14th November and a light rain 1.8 mm on 15th November 2022. The total rainfall for the month was 48.0 mm for 4 days out of these three days was wet days. November 2021 recorded was 168.0 mm with 17 wet days, a decrease of 120 mm (-71.4%) and when compared with the decennial average 50.24 mm it is 2.24mm less (-4.45 %). The total rainfall for the year from January to November is 3147.6mm and for the same corresponding period of last year it was 2139.2 mm an increase of 1008.4 mm (+ 47.1%). The last effective rain recorded was on 14th November 2022 and thereafter chilled weather continues. The minimum temperature fluctuated between 10.0 °C to 17°C and the maximum temperature oscillated between 21.0 °C to 27.0 °C. The lowest relative humidity level was 50 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
NOVEMBER 2022	15.0	25.0	90.6	73.0	48.0	3147.6
NOVEMBER 2021	16.0	24.0	93.7	84.3	168.0	2139.2
Decennial average	14.0	26.0	90.0	67.0	50.24	50.24

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	
	Nov.'22	Nov.'21	Total from Apr'22	Total from Apr'21	Total from Jan'22	Total from Jan'21	Fin year	Cal year
Productivity (MT/ha)	234	165	1675	1483	2172	2060	12.95	5.44
Production (m.kg)	812386	570939	5812082	5142781	7539356	7145294	13.01	5.51

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

MEETINGS/LECTURES/TRAINING/SEMINARS (CONDUCTED):

1. M .A. Subair, Sr. Advisory Officer, conducted an in room session training on the “Red spider mite control & seasonal aspects” to the Asst. Manager, Field Officers, Asst. Field Officers, supervisors along with General Manager & Asst. General Manager of Rousdonmullai estate on 2nd November 2022. A total of 7 participants were the beneficiaries.

MEETINGS/LECTURES/TRAINING/SEMINARS (ATTENDED): NIL

ANALYTICAL:

Particulars	Members	Non members	Small growers	Total
pH and EC	03	-	-	03
Eelworms	02	-	-	02
Texture	-	-	-	-

SPECIMENS: Nil.

VISITORS:

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

SR.ADVISORY OFFICER

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

01. Planting District : **NILGIRI WYNAAD**
02. Production in the month of NOVEMBER'22 : 0.812 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 : Dec. -0.700 M.kg*
 Jan'23 -0.680 M.kg*
 Feb -0.650 M.kg*

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

Date	M.M.	Date	M.M.	Date	M.M.
01	0.0	11	0.0	21	0.0
02	0.0	12	29.2	22	0.0
03	10.0	13	0.0	23	0.0
04	0.0	14	7.0	24	0.0
05	0.0	15	1.8	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	0.0
09	0.0	19	0.0	29	0.0
10	0.0	20	0.0	30	0.0
Total for the month					48.0
B/F from January					3099.6
TOTAL TO DATE					3147.6

*Estimated crop

07. Weather - Any special climatic features like temperature, relative humidity, sunshine hours, drought, wind, frost etc. : Compared to last year weaker northeast monsoon experienced this year but the weather was little bit salubrious. During the month most of the days it was foggy and it's been a freezing feeling at night for few days. Despite clouds hovering over most of the days in all the regions, did not receive rains as predicted and was disappeared with light drizzle which not even measurable one.

Weather for the month of NOVEMBER 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	15.5	26.0	17.0	25.0	92.0	72.0	94.0	85.0	10.0	77.6
11 – 20	15.0	25.0	16.0	23.0	90.0	74.0	98.0	89.0	38.0	59.4
21 – 30	14.0	25.0	16.0	24.0	90.0	72.0	89.0	79.0	.0	31.0

08. Incidence of pests and diseases : Infection of blister blight & Grey blight/die-back diseases noticed in all the estates in Nilgiri - Wynaad during the month of November 2022. Incidence of red spider mites was also seen increasing in Pandalur and Daverashola zones.
09. Meetings/Training
1. M .A. Subair, Sr. Advisory Officer, conducted an in room session training on the “Red spider mite control & seasonal aspects” to the Asst. Manager, Field Officers, Asst. Field Officers, supervisors along with General Manager & Asst. General Manager of Rousdonmullai estate on 2nd November 2022. A total of 7 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 : Areca selective picking going on in and around of Gudalur. The price of Areca has come down compared to last year.

Date: 06.11.2022

SR.ADVISORY OFFICER