

TOCKLAI EXPERIMENTAL STATION
TEA RESEARCH ASSOCIATION
JORHAT 785 008, ASSAM

MONTHLY BULLETIN

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The following is the summary of Crop, weather, Pest and disease in different regions of N.E. India during the month under review.

Region: UPPER ASSAM

Sub Area	Crop position (% + /-)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
Dibrugarh	+ 5.27	+ 4.20	753	22	32	24
Panitola	+ 12.54	+ 7.36	499	23	32	25
Tingrai	+ 7.97	+ 3.24	499	21	32	24
Doomdooma	+ 3.73	+ 3.24	596	22	32	23
Mergherita	+ 7.63	+ 12.41	495	20	32	25
Naharkatia	+ 11.06	+ 11.82	500	18	32	25
Moran	+ 5.79	+ 5.79	865	21	33	25

Remarks:

All the sub areas were ahead in crop during the month as well as in todate crop. Both intensity and distribution of rainfall during the month was favourable. However, rainfall was deficit by 20% than last year. Both maximum and minimum temperature remained 1°C higher during the month in comparison to last year's corresponding period. These altogether have favourably affected the crop. Incidence of pest was reported to be sporadic during the month.

Region: SOUTH BANK

Sub Area	Crop position (% + /-)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
Jorhat	+ 4.88	- 0.15	339	18	35	25
Golaghat	+ 3.52	- 9.25	261	17	33	27
Sonari-Nazira	+ 15.10	+ 18.14	414	18	35	26

Remarks

All the sub areas of South Bank remained ahead in crop during the month. However, in todate crop Jorhat and Golaghat remained behind in comparison to last year's crop, while Sonari Nazira is ahead. During the month the distribution of rainfall in different sub areas was uneven. Rainfall remained deficit in Golaghat while at par in Jorhat and higher in Sonari Nazira. Both maximum and minimum temperature remained higher than normal. Weather during the period as was favourable for crop, most of the gardens of the region could narrow down crop deficit in todate crop. Incidence of pest reported to be at a lower level in all the sub areas during the period.

Region: NORTH BANK

Sub Area	Crop position (% + / -)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
Nowgaon	+ 4.00	- 18.00	491	16	32	22
Tezpur	+ 3.00	- 8.00	435	18	32	21
Biswanath	+ 5.00	At par	472	19	33	23
N. Lakhimpur	+ 4.00	+ 6.00	702	18	34	23
Borsola	At par	- 19.00	367	14	33	24
Mangaldoi	+ 5.00	- 15.00	498	17	32	21
Nalbari	At par	- 7.00	529	18	35	22

Remarks:

Crop during the month reported to be ahead from 3-5% in all sub areas except Borsola and Nalbari where crop was at par to last year's corresponding month. However, in todate crop except N. Lakhimpur and Biswanath the other sub areas remained behind. Higher rainfall was received by all the sub areas of the region. The difference between the day and night temperature remained high during the period under review which had some adverse effect on crop. No pest was reported to be in epidemic form in the region.

Region: CACHAR

Sub Area	Crop position (% + / -)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
Happy Valley	+ 8.20	- 6.10	510	24	34	25
Chutlabheel	+ 7.00	- 2.60	402	20	36	26
North Cachar	+ 13.80	- 0.70	608	22	36	28
Hailakandi	+ 10.40	- 1.20	400	22	36	27
Longai & Karimganj	+ 9.90	+ 5.30	402	21	36	28

Remarks:

Due to favourable weather all the sub areas could harvest higher crop during the month. However, in todate crop except Longai & Karimganj, the other sub areas remained marginally behind in comparison to last year's corresponding period. No major pest activity had been noticed in any of the sub areas during the month.

Region: TERAI

Sub Area	Crop position (% + / -)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
North Terai	- 4.73	- 16.41	808	21	33	23
South Terai	+ 3.43	- 14.29	507	19	33	26
West Terai	+ 6.03	- 14.86	732	22	33	23

Remarks:

Crop production during the month was ahead in South Terai and West Terai in comparison to last year. However, all the sub areas remained behind in todate crop. In spite of having good rainfall, hot and humid weather, the estates of the region could not make up the crop loss incurred during the previous months. As regards to insect pest, infestation of Helopeltis, Looper caterpillar and Red spider mite (sporadic) was observed.

Region: Darjeeling

Sub Area	Crop position (% + /-)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
Darjeeling West	- 10.00	NA	798	20	31	18
Darjeeling East	- 28.00	NA	416	22	25	15
Teesta Valley	- 22.00	NA	734	24	27	21
RungBung Valley	- 29.00	NA	663	25	24	17
Kurseong	- 19.00	NA	1032	24	29	18
Mirik Valley	- 21.00	NA	768	23	26	19

Remarks:

All the sub areas remained behind in crop at the range of 10-29% during the month under review. Overcast sky for maximum days of the month coupled with lower minimum temperature can be considered unfavourable for crop. In the pest and disease front Helopeltis and Blister Blight was reported from all the sub areas. Red spider and Looper was reported from the gardens of Teesta Valley and Kurseong sub area.

Region: Dooars

Sub Area	Crop position (% + /-)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
Damdim	- 6.85	- 10.83	881	25	32	25
Chulsa	+ 1.15	- 5.92	950	24	32	25
Nagrakata	+ 6.66	- 10.28	1103	24	31	23
Binnaguri	+ 6.45	- 4.59	829	24	35	23
Dalgaon	+ 19.24	+ 4.18	716	20	35	25
Kalchini	+ 17.49	+ 12.56	1382	26	31	24
Jainti	+ 3.85	- 2.72	956	26	31	24
Goalpara (Assam)	- 0.78	+ 0.02	1083	24	32	25

Remarks:

Except Damdim and Goalpara the crop during the month was ahead in other sub areas. Damdim sub district remained behind in crop till date due to slower recovery from drought effect during early part of the season. However, in todate crop most of the sub areas remained behind except Dalgaon, Kalchini and Goalpara. The average crop of the region during the month was ahead by 3.42%. Rainfall recorded by the estates was found to be heavy and well distributed during the month. Temperature was conducive for growth. In the pest front Helopeltis attack was reported from all sub areas but kept under control. Fresh brood of Looper was reported from some estates irrespective of sub areas.

(Issued by Chief Advisory Officer, Tocklai)