

TOCKLAI EXPERIMENTAL STATION
TEA RESEARCH ASSOCIATION
JORHAT 785 008, ASSAM

MONTHLY BULLETIN

DECEMBER 2009

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	+ 22.91	+ 5.40	1	3	28	11
Panitola	+ 5.14	+ 7.26	2	2	28	11
Tingrai	+ 22.93	+ 3.77	11	3	26	11
Doomdooma	+ 25.21	+ 8.19	12	4	26	11
Mergherita	+ 5.21	+ 8.13	9	4	22	11
Naharkatia	+ 20.17	+ 12.53	34	2	28	16
Moran	+ 37.67	+ 6.10	7	2	26	11

Remarks:

Back end crop during the period under review remained ahead in all the sub areas of Upper Assam compared to last year. Rainfall during the period was almost at par in comparison to the corresponding period of last year. No major outbreak of tea pest was reported except intermittent infestation of Thrips, Greenfly & Red spider.

Region: SOUTH BANK

Sub Area	Crop position (% + /-)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
Jorhat	+ 14.80	+ 2.22	4	1	25	12
Golaghat	+ 21.98	- 3.99	8	1	26	13
Sonari-Nazira	+ 24.53	+ 10.48	8	2	19	9

Remarks

The crop during the month remained ahead in all the three sub areas compared to crop in the corresponding period of last year. In todate crop also Jorhat and Sonari Nazira remained ahead while Golaghat remained behind. Golaghat being in a droughty belt, with 8mm rainfall received during the month could increase the crop substantially. Both maximum and minimum temperature was also higher. Incidence of Looper and Red slug was reported from number estates of the region.

Region: NORTH BANK

Sub Area	Crop position (% + /-)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
Nowgaon	+ 2.00	- 9.00	103	3	23	11
Tezpur	+ 4.00	- 2.00	132	3	23	11
Biswanath	+ 4.00	+ 3.00	143	4	23	10
N. Lakhimpur	+ 5.00	+ 9.00	176	8	22	10
Borsola	At par	- 11.00	98	2	23	12
Mangaldoi	+ 3.00	- 7.00	112	4	22	11
Nalbari	+ 4.00	+ 2.00	67	2	23	10

Remarks:

The crop during the month remained ahead in all the sub areas. However, in todate crop except Biswanath, North Lakhimpur and Nalbari all other sub areas remained behind. Substantially higher rainfall than normal was recorded in all the sub areas. However, temperature both maximum and minimum recorded during the month was near to normal. No major pest and disease was reported during the month.

Region: CACHAR

Sub Area	Crop position (% + /-)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
Happy Valley	+ 15.60	- 1.10	0	0	24	13
Chutlabheel	- 6.80	+ 2.20	0	0	27	16
North Cachar	+ 10.80	+ 5.60	0	0	26	15
Hailakandi	- 21.10	- 2.00	0	0	21	14
Longai & Karimganj	+ 6.90	+ 7.30	0	0	31	9

Remarks:

During the period under review the weather condition remained completely dry. A good amount of rainfall was received in the previous month by all sub areas for which water stress condition was not observed. Except Hailakandi and Chutlabheel sub areas, crop production in all other sub areas was comparatively ahead for the month. Except Happy Valley and Hailakandi sub areas, todate crop was marginally ahead as compared to last year. In the pest front incidence of Helopeltis and infestation of Termite has been reported from many sub areas.

Region: TERAI

Sub Area	Crop position (% + /-)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
North Terai	+ 22.57	- 15.14	0	0	23	13
South Terai	- 21.88	- 7.67	1	1	23	12
West Terai	+ 7.77	- 17.87	0	0	26	13

Remarks:

In general during the month of December, 2009 North Terai and West Terai produced more crop in comparison to last year. However, South Terai produced less crop. As far as cumulative production till December, 2009, all the sub areas

produced less crop compared to last year. As regards to insect pest, infestation of Helopeltis, Looper caterpillar and Red spider mite (in patches) was reported from gardens.

Region: Darjeeling

Sub Area	Crop position (% + /-)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
Darjeeling West	+ 18.00	NA	0	0	20	10
Darjeeling East	- 26.00	NA	0	0	12	7
Teesta Valley	+ 8.00	NA	0	0	18	9
RungBung Valley	- 60.00	NA	0	0	16	8
Kurseong	+ 31.00	NA	0	0	19	11
Mirik Valley	- 36.00	NA	0	0	17	9

Remarks:

Region: Dooars

Sub Area	Crop position (% + /-)		Rainfall (mm)	No. of rainy days	Temperature (°C)	
	During the month	To-date			Max.	Min.
Damdim	- 10.73	- 12.14	0	0	24	12
Chulsa	- 10.78	- 10.80	0	0	24	13
Nagrakata	- 25.10	- 6.12	2	1	23	12
Binnaguri	- 6.13	- 5.64	0	0	28	7
Dalgaon	+10.08	+ 8.47	0	0	24	12
Kalchini	- 12.72	+ 8.70	2	2	25	11
Jainti	- 28.76	- 2.01	0	0	24	12
Goalpara (Assam)	- 6.30	- 2.91	0	0	24	10

Remarks:

The crop during the month remained behind in all the sub areas except Dalgaon where 10% crop higher than corresponding period of last year was recorded. In todate crop except Dalgaon and Kalchini all other sub areas remained behind. The weather during the period under review remained dry. Temperature during the month remained almost normal. Among the tea pests Looper caterpillar found to be active with fresh brood in some of the estates. Sporadic infestation of Helopeltis, Red slug and Greenfly was also reported.

(Issued by Chief Advisory Officer, Tocklai)