


Crop Weather Calendar of Lentil: Chattogram Region (Districts:Chattogram, Lakshmipur, Coxsbazar, Noakhali and Feni) Bangladesh

Region:Chattogram	Lentil												Duration: 119 days				
Months	October				November				December				January			Feb	
Std.Week/Normal	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5
Rainfall (mm)	75.7	43.7	26.0	19.3	21.7	14.3	9.0	11.7	1.0	4.0	2.3	2.0	0.3	0.7	0.7	1.3	2.0
Max. Temp. (°C)	31.9	32.1	31.9	31.5	31.2	30.5	29.9	29.0	28.6	27.8	26.9	26.6	26.5	26.1	26.6	26.9	27.7
Min. Temp. (°C)	24.8	24.5	23.3	22.8	21.6	20.2	19.2	18.0	17.0	16.3	15.3	14.9	14.1	13.9	14.1	14.1	14.9
Mean Temp. (°C)	28.3	28.3	27.6	27.1	26.4	25.3	24.6	23.5	22.8	22.1	21.1	20.8	20.3	20.0	20.4	20.5	21.3
RHmax (%)	96.1	95.8	95.0	94.9	94.7	94.4	94.1	94.5	94.4	94.2	94.4	94.1	93.8	93.1	92.9	91.6	91.0
RHMin (%)	68.8	66.7	62.2	62.2	58.1	55.4	52.0	50.8	49.5	50.0	50.3	49.1	48.2	47.1	44.9	42.3	43.6
RHmean (%)	82.4	81.2	78.6	78.6	76.4	74.9	73.1	72.6	71.9	72.1	72.3	71.6	71.0	70.1	68.9	67.0	67.3
SShr (hrs)	45.8	49.8	53.3	52.3	54.0	55.5	56.5	55.5	54.8	52.8	50.8	51.3	53.3	50.8	53.8	56.5	56.3
WD (deg)	203	215	201	196	195	199	203	196	204	196	199	207	200	193	203	203	201
WS(Km/hr)	6.7	6.9	6.2	6.0	5.9	5.6	6.1	5.9	5.1	5.7	5.8	6.2	6.6	6.9	6.8	7.0	7.1
Stages																	
	Germination	Vegetative Growth								Flowering			Pod initiation			Maturity to harvesting	

Favorable Weather Conditions						
Temperature	10-21.15°C	10-21.15°C			14-25°C	14-25°C
Photo period(hr)	11.2-11.4	11.2-11.4			11.2-11.4	11.2-11.4
Relative Humidity	50-90%	50-90%			45-75%	45-75%
Soil Temperature	At least 5-12.8°C					
Normal phase wise water requirement (mm)	100	At least 100			At least 100	At least 100

Favorable Weather Conditions of Disease and pests			
Stemphylium blight		Temperature 11-25°C, Day temperature 20-22°C, night temperature 4-5°C, relative humidity maximum 90-96% and minimum 40-48% Soil temperature above 32°C and Soil moisture 2.5-18.8%, Cloudy or foggy weather.	
Foot rot		Temperature 20-27°C	
Rust			Relative Humidity 85-90%, Temperature 20-22°C
Aphid		High temperature and relative Humidity	
Pod borer			High temperature and relative Humidity

Weather Warning				
Rain				
Duration of wet spell				
Cloudy weather			Cloudy weather	Cloudy weather
High wind				
Temperature	Minimum temperature <10°C and maximum temperature >24.4°C		maximum temperature >32°C	