






**Crop Weather Calendar of Lentil: Barishal Region (Districts:Jhalakati, Patuakhali, Pirujpur, Barguna, Barishal, Bhola) Bangladesh**

Region:Barishal	Lentil											Duration: 119 days					
Months	November			December				January				February				March	
Std.Week/Normal	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10
Rainfall (mm)	9.0	6.0	7.0	1.7	4.0	1.3	0.7	1.3	1.0	1.0	1.7	2.7	3.7	5.0	8.0	5.7	5.3
Max. Temp. (°C)	29.9	29.3	28.3	27.8	27.0	26.2	25.7	25.1	25.2	25.8	26.2	27.0	27.8	28.9	29.7	30.7	31.7
Min. Temp. (°C)	19.6	18.4	16.7	15.6	14.9	14.0	13.1	12.6	12.5	12.7	12.5	14.0	14.6	16.2	16.9	18.3	19.5
Mean Temp. (°C)	24.8	23.9	22.5	21.7	21.0	20.1	19.4	18.9	18.9	19.2	19.4	20.5	21.2	22.5	23.3	24.5	25.6
RHmax (%)	97.8	97.8	97.8	98.0	97.9	98.2	98.2	98.0	97.8	97.6	97.6	97.3	97.1	97.0	97.0	96.7	97.1
RHMin (%)	56.6	53.7	51.8	50.6	50.9	50.7	50.3	50.1	49.3	48.5	45.2	46.2	44.8	46.2	45.1	44.9	45.2
RHmean (%)	77.2	75.8	74.8	74.3	74.4	74.4	74.3	74.1	73.6	73.1	71.4	71.7	70.9	71.6	71.0	70.8	71.2
SShr (hrs)	49.0	50.0	51.3	48.7	46.3	44.3	43.7	46.7	44.0	47.3	52.7	50.3	52.3	51.7	52.0	53.7	54.0
WD (deg)	232	217	212	225	223	212	212	209	211	204	216	217	211	214	211	214	226
WS(Km/hr)	2.7	3.3	3.6	3.1	3.4	3.3	3.9	4.5	4.4	4.5	4.3	5.0	4.6	4.9	4.9	5.1	5.2
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 diseases 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