






Crop Weather Calendar of Lentil: Dhaka Region (Districts: Dhaka, Tangail, Gazipur, Narsingdi, Narayanganj, Munshiganj, Manikgonj) Bangladesh

Region: Dhaka	Lentil												Duration: 119 days					
Months	October			November				December					February				March	
Std.Week/Normal	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	
Rainfall (mm)	40.5	26.0	12.5	10.0	6.0	1.5	4.5	1.5	4.5	1.0	3.5	1.0	0.0	0.0	0.5	3.5	3.5	
Max. Temp. (°C)	32.0	31.5	30.9	30.6	29.8	29.0	28.3	27.6	26.2	25.5	24.8	24.0	23.9	24.5	25.0	26.2	27.2	
Min. Temp. (°C)	23.8	22.3	21.5	20.5	18.7	17.7	16.1	15.5	14.7	13.5	12.9	12.4	12.0	12.0	12.1	13.6	14.3	
Mean Temp. (°C)	27.9	26.9	26.2	25.5	24.3	23.3	22.2	21.5	20.5	19.5	18.8	18.2	17.9	18.3	18.6	19.9	20.7	
RHmax (%)	95.0	94.8	94.5	95.0	94.7	94.6	94.3	94.8	95.3	95.1	95.0	94.6	94.3	93.8	93.4	92.4	92.1	
RHMin (%)	60.2	55.5	54.6	51.5	49.3	47.5	46.3	47.6	49.4	49.8	49.1	50.3	48.8	46.2	43.3	42.3	39.4	
RHmean (%)	77.6	75.2	74.6	73.2	72.0	71.0	70.3	71.2	72.3	72.5	72.1	72.4	71.6	70.0	68.3	67.3	65.7	
SShr (hrs)	47.5	54.0	49.5	51.5	51.5	52.0	51.5	48.5	46.5	44.5	44.5	42.5	42.5	45.0	49.0	49.5	51.5	
WD (deg)	192	190	190	189	199	212	211	219	224	225	233	238	238	232	242	241	236	
WS(Km/hr)	4.1	3.8	3.7	3.7	3.7	3.7	3.6	3.7	3.7	3.7	3.7	4.1	4.0	4.1	4.3	4.3	4.5	
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	Min.tem. <10° C and max tem >24.4° C		maximum temperature >32° c