






Crop Weather Calendar of Lentil:FaridpurRegion (Districts:Faridpur, Rajbari, Madaripur, Shariatpur and Gopalganj) Bangladesh

Region: Faridpur	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)	43.0	20.5	11.5	11.0	8.0	3.0	4.5	0.5	3.5	0.5	2.0	0.5	0.5	0.5	1.5	3.5	5.5
Max. Temp. (°C)	32.0	31.5	30.9	30.4	29.7	29.2	28.0	27.5	26.5	25.5	25.1	24.3	24.4	24.8	25.4	26.5	27.4
Min. Temp. (°C)	24.0	22.6	22.0	20.7	19.1	18.2	16.4	15.2	14.7	13.7	12.9	12.2	12.0	12.1	12.1	13.1	13.9
Mean Temp. (°C)	28.0	27.1	26.4	25.5	24.4	23.7	22.2	21.3	20.6	19.6	19.0	18.3	18.2	18.4	18.7	19.8	20.7
RHmax (%)	95.7	95.1	95.2	95.4	95.5	95.8	95.6	95.6	96.1	96.2	96.0	95.7	95.4	95.5	95.2	94.7	94.7
RHMin (%)	63.0	58.6	57.6	55.5	53.2	51.2	49.9	50.5	51.4	51.3	51.0	52.2	50.9	48.9	46.3	46.2	43.3
RHmean (%)	79.3	76.8	76.4	75.4	74.3	73.5	72.7	73.0	73.7	73.7	73.5	73.9	73.1	72.2	70.7	70.4	69.0
SShr (hrs)	46.0	49.5	48.5	51.0	49.5	50.5	51.0	47.0	44.5	40.5	43.0	41.5	39.5	44.5	50.0	49.0	52.0
WD (deg)	208	213	202	189	202	201	199	201	197	196	183	191	191	210	204	205	203
WS(Km/hr)	2.9	3.1	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9	3.1	3.4	3.6	3.3	3.4	3.4	3.1
Phenological 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 40-48Soil 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
Fusarium wilt		Hot and dry weather; Optimum temperature is around 25°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 temp <10 °C and max temp >24.4°C		maximum temperature >32°C