






**Crop Weather Calendar of Lentil: JashoreRegion (Districts:Jashore, Kushtia, Chuadanga, Jhenaidah, Meherpur, Magura) Bangladesh**

Region:Jashore	Lentil												Duration: 119 days				
Months	November				December				January				February			Mar.	
Std.Week/Normal	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9
Rainfall (mm)	8.0	7.5	1.0	2.0	1.5	4.0	0.0	3.5	0.5	1.5	2.5	3.0	6.5	5.0	4.5	8.0	4.0
Max. Temp. (°C)	31.1	30.3	29.6	28.5	27.7	26.6	25.7	25.2	24.5	24.5	25.1	25.6	26.6	27.8	28.9	30.0	31.0
Min. Temp. (°C)	19.4	18.0	16.7	15.1	14.0	13.4	12.3	11.4	10.9	10.7	11.0	10.8	12.0	13.3	14.7	15.6	16.4
Mean Temp. (°C)	25.3	24.2	23.1	21.8	20.9	20.0	19.0	18.3	17.7	17.6	18.0	18.2	19.3	20.5	21.8	22.8	23.7
RHmax (%)	95.9	95.7	95.7	95.4	95.2	95.8	95.5	95.7	95.4	95.3	95.3	94.9	94.9	94.2	94.0	93.7	93.2
RHMin (%)	52.0	49.8	48.1	46.3	47.2	49.2	49.4	47.9	49.6	47.9	47.0	44.7	44.2	42.2	41.0	39.3	36.5
RHmean (%)	74.0	72.8	71.9	70.8	71.2	72.5	72.5	71.8	72.5	71.6	71.2	69.8	69.5	68.2	67.5	66.5	64.9
SShr (hrs)	48.5	49.5	47.5	48.5	47.5	43.5	42.0	42.0	41.0	42.5	44.5	48.0	47.5	49.5	50.0	54.5	55.0
WD (deg)	175	177	179	178	184	183	177	174	158	156	188	192	186	191	203	214	219
WS(Km/hr)	2.3	2.4	2.3	2.4	2.3	2.4	2.5	2.5	3.0	3.0	3.0	3.0	3.2	3.1	3.3	3.7	3.5
PhenologicalStages																	
	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	
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
High wind			
Temperature	Min. temp <10 °C and max. temp > 24.4 °C		maximum temperature >32 °C