






Crop Weather Calendar of Lentil: DinajpurRegion (Districts:Dinajpur, Thakurgaon and Panchaghar) Banglad

Region: Dinajpur	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)	42.0	39.0	11.0	5.0	3.0	0.0	0.0	0.0	0.0	3.0	0.0	4.0	2.0	2.0	3.0	2.0	1.0
Max. Temp. (°C)	31.6	31.3	31.0	30.3	29.7	29.0	28.7	28.0	27.0	25.4	24.9	23.9	22.6	22.4	23.0	23.7	25.0
Min. Temp. (°C)	23.9	22.4	20.4	19.4	18.3	16.9	15.6	14.0	13.3	12.9	12.0	10.9	10.7	10.3	10.0	10.6	11.1
Mean Temp. (°C)	27.8	26.9	25.7	24.9	24.0	23.0	22.2	21.0	20.2	19.2	18.5	17.4	16.7	16.4	16.5	17.2	18.1
RHmax (%)	96.1	96.3	96.0	96.0	95.9	95.9	95.3	95.6	96.1	96.4	96.3	96.6	96.7	96.3	96.4	95.9	94.7
RHMin (%)	66.3	62.7	57.1	55.4	53.0	51.6	48.1	47.6	49.0	52.9	52.7	54.0	55.1	53.7	52.4	50.4	47.7
RHmean (%)	81.2	79.5	76.6	75.7	74.5	73.8	71.7	71.6	72.6	74.7	74.5	75.3	75.9	75.0	74.4	73.2	71.2
SShr (hrs)	45.0	51.0	55.0	55.0	56.0	52.0	54.0	53.0	48.0	42.0	41.0	37.0	34.0	34.0	37.0	41.0	44.0
WD (deg)	146	159	162	149	144	154	164	177	183	193	200	213	225	238	243	227	241
WS(Km/hr)	3.7	3.7	3.5	3.5	3.7	3.7	3.7	3.5	2.6	3.7	3.0	3.7	3.7	3.7	3.7	3.7	3.7
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	
Aphid		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		