






Crop Weather Calendar of Mustard:CumillaRegion (Districts:Cumilla, Chandpur, Bramanbaria), Bangladesh

Region:Cumilla	Mustard									Time duration :80-100 days				
Months	November				December				January			February		
Std.Week/Normal	45	46	47	48	49	50	51	52	1	2	3	4	5	6
Rainfall (mm)	18.0	8.5	4.0	2.5	0.0	4.5	1.0	1.5	0.0	0.0	0.0	1.5	3.0	3.0
Max. Temp. (°C)	30.5	29.8	29.0	28.2	27.7	26.5	25.8	25.4	24.7	24.5	25.0	25.4	26.2	27.3
Min. Temp. (°C)	21.0	19.3	18.1	16.9	15.8	15.0	14.2	13.4	13.0	12.7	12.7	12.6	14.2	14.5
Mean Temp. (°C)	25.7	24.6	23.5	22.5	21.7	20.8	20.0	19.4	18.8	18.6	18.9	19.0	20.2	20.9
RHmax (%)	95.6	95.3	95.4	95.8	95.8	96.2	96.0	96.0	96.0	95.5	95.3	94.4	94.6	94.4
RHMin (%)	58.2	54.8	52.6	52.2	50.6	51.9	52.1	51.3	51.8	51.2	49.1	46.4	47.7	45.2
RHmean (%)	76.9	75.0	74.0	74.0	73.2	74.1	74.1	73.6	73.9	73.4	72.2	70.4	71.1	69.8
SShr (hrs)	49.5	50.0	50.5	48.5	47.5	42.5	40.5	40.0	40.0	37.0	43.5	47.0	47.0	50.0
WD (deg)	183	184	190	195	206	192	211	213	205	209	218	212	203	214
WS(Km/hr)	3.7	3.7	3.5	3.3	3.3	4.0	3.5	3.8	4.0	4.2	4.6	4.4	4.6	4.6
Stages														
	Germination	Vegetative				Flowering		Pod initiation			Maturity to Harvesting			

Favorable Weather Conditions	
Temperature	15-27°C
SShr (hrs)	5.0-7.0 hr with bright sunshine
RH(%)	69-77%
Soil temp.(°C)	13-25°C

Congenial Weather Condition for Pests & Diseases			
Alternaria leaf blight		25-28°C temp with heavy dew	
Stem rot		27-35°C temp with humid condition and low pH (<7.0)	
Cut worm	Dry sandy-loam soil.		
Aphids		Temperature 16-30°C and RH 50-85% with cloudy weather	

Weather Warning			
Rainfall	>50mm/day	>50mm/day	>50mm/day
Cloudy Weather		Cloudy weather	
Drought		>10days	>30days
Hail storm		Hail storm	Hail storm
High wind		>25-40 KMPH	>25-40 KMPH
Temperature	Max Temp >32°C ,min temp <10°C		