






Crop Weather Calendar of Mustard:RangpurRegion (Districts:Rangpur, Kurigram, Gaibandha, Nilphamari, Lalmonirhat), Bangladesh

Region: Rangpur	Mustard						Time duration :80-100 days							
Months	November		December				January				February			
Std.Week/Normal	47	48	49	50	51	52	1	2	3	4	5	6	7	8
Rainfall (mm)	0.0	1.0	0.0	2.5	0.0	2.5	1.0	2.5	2.0	1.0	1.0	1.5	3.5	1.5
Max. Temp. (°C)	28.3	27.7	26.7	25.1	24.7	24.1	22.7	22.4	23.2	23.4	24.7	25.9	26.7	27.5
Min. Temp. (°C)	16.4	15.0	14.2	13.5	12.5	11.5	10.9	10.4	10.8	10.8	11.8	12.7	13.7	14.4
Mean Temp. (°C)	22.3	21.3	20.4	19.3	18.6	17.8	16.8	16.4	17.0	17.1	18.3	19.3	20.2	21.0
RHmax (%)	94.9	94.9	95.0	95.4	95.8	96.1	96.0	96.0	95.8	95.7	95.5	94.3	93.7	92.9
RHMin (%)	50.9	50.6	53.5	56.2	56.2	55.2	58.5	57.8	56.2	54.2	51.6	48.0	47.1	45.3
RHmean (%)	72.9	72.7	74.2	75.8	76.0	75.6	77.3	76.9	76.0	74.9	73.5	71.2	70.4	69.1
SShr (hrs)	54.0	53.0	49.5	41.5	42.5	40.0	36.0	36.5	39.5	41.0	44.0	48.5	50.0	51.5
WD (deg)	134	150	129	158	160	187	199	214	199	210	208	192	201	201
WS(Km/hr)	6.4	5.6	6.0	5.7	5.6	5.6	5.7	5.7	5.7	5.6	6.2	6.6	7.5	7.2
Stages														
	Germination	Vegetative				Flowering	Pod initiation				Maturity to Harvesting			

Favorable Weather Conditions	
Temperature	15-27°C
SShr (hrs)	5.0-7.5 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	