







**Crop Weather Calendar of Wheat: Mymensingh Region** (Districts: Mymensingh, Kishoregonj, Jamalpur, Netrokona, Sherpur) **Bangladesh**

Region: Mymensingh	Wheat												Duration: 119 days					
Months	November				December				January				February			Mar		
Std.Week/Normal	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	
Rainfall (mm)	7.0	5.0	5.0	0.0	4.0	1.0	3.0	0.0	2.0	0.0	3.0	1.0	0.0	2.0	1.0	5.0	7.0	
Max. Temp. (°C)	30.9	30.3	30.0	28.9	28.3	27.6	26.3	25.4	25.0	24.4	24.0	24.0	25.1	25.9	26.6	27.4	28.1	
Min. Temp. (°C)	20.9	19.7	18.3	17.0	15.4	15.0	14.0	13.3	12.4	12.0	11.6	11.9	12.0	13.0	13.7	15.0	15.9	
Mean Temp. (°C)	25.9	25.0	24.2	23.0	21.9	21.3	20.2	19.4	18.7	18.2	17.8	18.0	18.6	19.5	20.2	21.2	22.0	
RHmax (%)	95.0	95.0	94.6	95.0	95.1	95.3	95.6	95.6	95.3	95.1	94.4	94.4	93.4	92.6	92.1	91.4	90.6	
RHMin (%)	61.0	58.4	55.9	53.0	51.6	52.3	54.1	53.6	53.7	53.6	53.1	51.4	47.0	47.9	45.3	45.0	45.1	
RHmean (%)	78.0	76.7	75.3	74.0	73.4	73.8	74.9	74.6	74.5	74.4	73.8	72.9	70.2	70.3	68.7	68.2	67.9	
SShr (hrs)	51.0	53.0	52.0	53.0	50.0	49.0	43.0	40.0	42.0	41.0	39.0	41.0	45.0	44.0	48.0	50.0	50.0	
WD (deg)	186	181	186	186	193	191	206	199	221	230	236	216	238	228	218	222	210	
WS(Km/hr)	3.7	3.9	3.7	3.7	3.7	3.0	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.9	4.4	5.4	
																		
	sowing		Germination		Vegetative Growth				Flowe ring	Grain Formation			Maturity to Harvesting					
<b>Favourable Weather Conditions</b>																		
Minimum temperature	3 to 4.5°C												cooler nights					
Optimum temperature	Around 25°C																	
Maximum Cardinal temperature	30- 32°C																	
Mean Daily Temperature					15 to 20°C				15 to 20° C									
Soil Moisture	High												dryness					
Solar radiation													Bright sunny days					
daily consumptive water use					0.17 to 0.87				0.17 to 0.87				0.17 to 0.87					
<b>Normal Phase wise water requirement (mm)</b>	47				128				77				137			39		
<b>Weather Warning</b>																		
Rainfall	>50 mm/day				>100mm/day				>100mm/day									
Duration of wet spell	>50 mm for 3-4 days				>75 mm for 3-4 days				>50mm for 3-4 days									
Cloudy Weather					Cloudy Weather				Cloudy Weather									
Drought	20 days				20 days				20 days									
High wind	>50 km/hr				>50 km/hr				>50 km/hr									
Maximum Temperature	>30°C				>30°C				>30°C									
Minimum Temperature	<15°C				<15°C				<15°C									
<b>Congenial Weather Condition for Pests &amp; Diseases</b>																		
Blast	Continuous rains and average temperatures between 18-20°C during the flowering stage of the crop followed by sunny weather and humid days. Intensity increases at 30°C temperature with high relative humidity																	
Leaf rust					Temperature 15-25°C, rain and high dew													
Stem borer					Maximum, minimum and average temperature ranged from 31.9-33.9°C, 22.2-26.3°C and 26.9-29.5°C, respectively. Average relative humidity of 80 per cent and rainfall													
Aphid					Mean temperature 18.7°C and relative humidity percentage 71.0%, mean weekly temperature 29.1 °C and relative humidity 55%													