







**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>Favorable 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					
Normal Phasewise water requirement (mm)				47				128				77			137		
<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%																
<b>Weather Warning</b>																	
Rainfall	>50 mm/day			>100mm/day				>100mm/day				>100mm/day					
Duration of wet spell	>50 mm for 3-4 days			>75 mm for 3-4 days				>75 mm for 3-4 days				>50mm for 3-4 days					
Cloudy Weather				Cloudy Weather				Cloudy Weather				Cloudy Weather					
Drought	20 days			20 days				20 days				20 days					
High wind	>50 km/hr			>50 km/hr				>50 km/hr				>50 km/hr					
Maximum Temperature	>30°C			>30°C				>30°C				>30°C					
Minimum Temperature	<15°C			<15°C				<15°C				<15°C					