







**Crop Weather Calendar of Wheat: Sylhet Region (Districts: Sylhet, Moulvibazar, Sunamganj, Habiganj) Bangladesh**

Region: Sylhet	Wheat											Duration: 119 days					
Months	November			December				January				February			March		
Std.Week/Normal	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10
Rainfall (mm)	8.5	0.5	7.0	0.5	4.5	1.0	4.0	0.0	0.5	0.5	1.0	2.5	4.0	8.0	11.5	11.0	10.5
Max. Temp. (°C)	29.6	29.0	28.2	27.8	26.9	26.1	25.7	25.3	24.7	25.1	25.8	26.5	27.2	28.2	28.9	30.0	31.0
Min. Temp. (°C)	17.3	16.6	15.3	14.3	13.7	12.6	12.0	11.4	11.3	11.3	11.1	12.1	12.6	13.7	14.4	15.4	16.7
Mean Temp. (°C)	23.5	22.8	21.7	21.1	20.3	19.3	18.8	18.3	18.0	18.2	18.4	19.3	19.9	21.0	21.6	22.7	23.8
RHmax (%)	95.2	95.3	95.5	94.7	95.7	95.3	96.1	95.8	96.1	95.5	94.9	94.3	92.9	92.8	92.5	91.7	90.9
RHMin (%)	56.2	54.4	53.5	51.4	53.6	53.0	52.7	53.5	53.9	50.7	48.1	45.8	42.3	42.5	41.7	40.8	41.1
RHmean (%)	75.7	74.9	74.5	73.0	74.6	74.2	74.4	74.6	75.0	73.1	71.5	70.1	67.6	67.7	67.1	66.2	66.0
SShr (hrs)	55.5	56.5	56.0	55.5	50.5	51.5	50.5	51.0	45.0	48.0	51.0	50.5	55.0	53.5	55.5	56.0	55.0
WD (deg)	180	184	190	177	186	191	203	200	211	213	219	213	218	217	208	219	203
WS(Km/hr)	4.3	4.6	4.3	4.2	4.5	4.5	4.3	4.6	4.9	5.1	4.8	6.1	6.5	6.9	7.1	6.8	6.8
																	
	sowing			Germination				Vegetative Growth				Flowe ring	Grain Formation			Maturity to Harvesting	
<b>Favourable Weather Conditions</b>																	
Minimum temperature	3 to 4.5°C																
Optimum temperature	Around 25°C																
Maximum Cardinal temperature	30- 32°C																
Mean Daily Temperature	15 to 20°C																
Soil Moisture	High																
Solar radiation	dryness																
daily consumptive water use	Bright sunny days																
Normal Phase wise water requirement (mm)	47				128				77				137			39	
<b>Congenial Weather Condition for Pests &amp; Diseases</b>																	
<b>Leaf rust</b>	Temperature 15-25°C, rain and high dew																
<b>Stem borer</b>	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																
<b>Aphid</b>	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								
Duration of wet spell	>50 mm for 3-4 days				>75 mm for 3-4 days				>50mm for 3-4 days								
Cloudy Weather	20 days				20 days				20 days								
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								