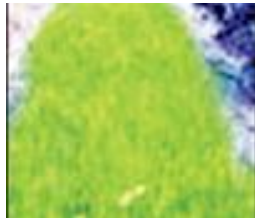








## Crop Weather Calendar of Aus Rice: Sylhet Region (Districts: Sylhet, Moulvibazar, Sunamganj, Habiganj) Bangladesh

Region: Sylhet	Aus Rice															Duration: 126 days		
Months	April			May				June				July				August		
Std.Week/Normal	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
Rainfall (mm)	78.5	85.5	102.5	107.5	122.0	116.5	148.5	152.0	168.0	129.5	137.5	130.0	110.0	129.5	129.0	123.5	103.0	118.5
Max. Temp. (°C)	32.0	31.7	31.5	31.6	31.9	32.2	31.5	31.9	31.6	31.9	31.9	31.7	32.0	31.8	32.2	32.3	32.8	32.2
Min. Temp. (°C)	21.8	21.8	22.0	22.7	23.2	23.6	24.0	24.4	24.9	25.0	25.0	25.0	25.2	25.0	25.0	25.1	25.3	25.2
Mean Temp. (°C)	26.9	26.7	26.7	27.1	27.5	27.9	27.7	28.1	28.3	28.4	28.5	28.4	28.6	28.4	28.6	28.7	29.0	28.7
RHmax (%)	93.1	93.2	94.0	94.6	94.7	94.9	95.2	95.8	96.0	96.2	96.0	95.9	96.0	96.1	96.2	96.4	96.2	96.4
RHMin (%)	58.2	59.7	63.1	64.2	65.6	67.2	70.6	71.8	73.6	73.7	74.0	73.9	73.4	74.2	72.6	72.4	70.9	72.8
RHmean (%)	75.6	76.5	78.5	79.4	80.2	81.0	82.9	83.8	84.8	84.9	85.0	84.9	84.7	85.1	84.4	84.4	83.5	84.6
SShr (hrs)	48.5	46.5	45.0	43.5	43.5	38.5	33.5	31.5	26.0	27.5	23.5	25.0	27.0	26.0	30	33.0	33.5	29.5
WD (deg)	166	155	153	163	160	158	162	161	164	157	161	166	166	160	165	173	171	169
WS(Km/hr)	6.9	8.2	7.1	6.8	6.2	6.5	6.5	5.4	5.6	6.3	6.6	6.0	5.9	6.2	6.7	6.4	5.9	5.6
																		
	Seedbed			Transplanting				Tillering				Heading		Flow erin g	Grain Formation		Maturity to Harvesting	

Favorable Weather Conditions						
Temperature	At least 10 <sup>o</sup> C for germination				22-25 <sup>o</sup> C	23-27 <sup>o</sup> C
Light Intensity			≤200% of normal			
Relative Humidity			High			
Soil Temperature			Above 16 <sup>o</sup> C			
Normal phase wise water requirement (mm)	76		120	190	145	100

Congenial Weather Condition for Pests & Diseases						
Bacterial leaf blight (BLB)	Temperature 28-30 <sup>o</sup> C Relative Humidity 80-90%, Cloudiness, Rainfall >30mm					
Sheath rot			Temperature 25-28 <sup>o</sup> C High Relative Humidity>90%, Cloudy weather			
Sheath blight	Temperature 28-32 <sup>o</sup> C, high Relative Humidity, cloudy weather					
Blast	Night temperature 16-20 <sup>o</sup> C, for 7.30 hours day temperature 25-30 <sup>o</sup> C, for 7.30 hours day night temperature >10 <sup>o</sup> C Relative Humidity >90%, Cloudy					
Stem borer		Minimum Temperature>20.3 <sup>o</sup> C Maximum Temperature:29.5-34.7 <sup>o</sup> C optimum Temperature:24-29 <sup>o</sup> C Higher morning Relative Humidity>84% Afternoon Relative Humidity 38.7% Dry weather				
Leaf roller		Maximum Temperature:32-33 <sup>o</sup> C Relative Humidity 92-95%				
Rice bug				Higher Maximum Temperature: 31.9 <sup>o</sup> C Morning Bright Sunshine Hours> 5.9 hrs Lower Minimum temperature less than 22.10C Afternoon Relative Humidity less than 66.4% Dry, or intermittent rain		

<b>Weather Warning</b>				
<b>Rain</b>	<b>&gt;50 mm/day</b>	<b>&gt;100 mm/day</b>	<b>&gt;50 mm/day</b>	
<b>Duration of wet spell</b>	<b>&gt;25 mm for 3 days</b>	<b>&gt;50 mm for 4 days</b>	<b>20 mm for 4 days</b>	
<b>Cloudy weather</b>		<b>Cloudy weather</b>	<b>Cloudy weather</b>	
<b>High wind</b>	<b>&gt;50 km/hr</b>	<b>&gt;40 km/hr</b>	<b>&gt;30 km/hr</b>	
<b>Temperature</b>	<b>Minimum Temperature &lt;10°C</b>	<b>Minimum Temperature &lt;10°C</b>	<b>Minimum Temperature &lt;10°C</b>	