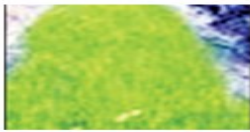

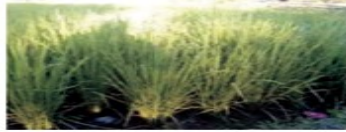






Crop Weather Calendar of Aus Rice: Sylhet Region (Districts: Sylhet, Moulvibazar, Sunamganj, Habiganj) Bangladesh

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		Flowering	Grain Formation		Maturity to Harvesting	
Favorable Weather Conditions																		
Temperature	At least 10° C for germination														22-25° C	23-27° C		
Light Intensity								≤200% of normal										
Relative Humidity								High										
Soil Temperature								Above 16° 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°C Relative Humidity 80-90%, Cloudiness, Rainfall >30mm																	
Sheath rot	Temperature 25-28°C High Relative Humidity>90%, Cloudy weather																	
Sheath blight	Temperature 28-32°C, high Relative Humidity, cloudy weather																	
Blast	Night temperature 16-20°C, for 7.30 hours day temperature 25-30°C, for 7.30 hours day night temperature >10°C Relative Humidity >90%, Cloudy																	
Stem borer	Minimum Temperature>20.3°C Maximum Temperature:29.5-34.7°C optimum Temperature:24-29°C Higher morning Relative Humidity>84% Afternoon Relative Humidity 38.7% Dry weather																	
Leafroller	Maximum Temperature:32-33°C Relative Humidity 92-95%																	
Rice bug	Higher Maximum Temperature: 31.9°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																	
Weather Warning																		
Rain	>50 mm/day			>100 mm/day				>50 mm/day										
Duration of wet spell	>25 mm for 3 days			>50 mm for 4 days				20 mm for 4 days										
Cloudy weather								Cloudy weather										
High wind	>50 km/hr			>40 km/hr				>30 km/hr										
Temperature	Minimum Temperature <10° C			Minimum Temperature <10° C				Minimum Temperature <10° C										