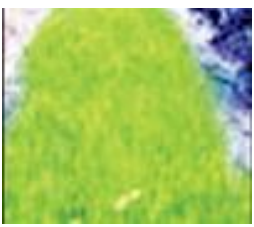








Crop Weather Calendar of Aus Rice: Sylhet Region (Districts: Sylhet, Moulvibazar, Sunamganj, Habiganj) Bangladesh

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	Flowing	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,aximum Temperature:29.5-34.7°C,optimum Temperature:24-29°C,Higher morning Relative Humidity>84%,Afternoon Relative Humidity 38.7%,Dry weather				
Leaf roller	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	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