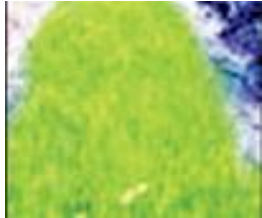








## Crop Weather Calendar of Aman Rice:Rajshahi Region (Districts: Rajshahi, Chapainawabganj, Naogaon and Natore) Bangladesh

Region: Rajshahi	Aman Rice															Duration: 133 days				
Months	June			July				August				September				October				
Std.Week/Normal	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	
Rainfall (mm)	51.0	78.0	72.0	66.0	71.0	75.0	72.0	52.0	57.0	64.0	53.0	57.0	54.0	59.0	52.0	83.0	44.0	35.0	23.0	
Max. Temp. (°C)	33.9	33.1	33.0	32.7	32.9	32.3	32.6	32.9	32.9	32.7	33.0	33.0	32.9	33.0	33.0	32.9	32.7	32.3	31.7	
Min. Temp. (°C)	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.1	26.0	26.1	26.0	26.0	26.0	26.0	25.3	25.0	24.1	23.1	
Mean Temp. (°C)	30.0	29.6	29.5	29.4	29.5	29.2	29.3	29.5	29.5	29.4	29.6	29.5	29.5	29.5	29.5	29.1	28.9	28.2	27.4	
RHmax (%)	95.4	96.1	96.6	96.6	96.9	97.0	96.9	96.7	96.6	96.7	96.1	96.4	96.3	96.7	96.3	96.7	96.3	96.4	96.1	
RHMin (%)	67.9	71.1	73.4	73.7	74.3	75.3	73.9	72.6	72.6	74.1	72.0	70.9	71.3	71.0	69.6	68.9	67.4	64.3	60.9	
RHmean (%)	81.7	83.6	85.0	85.2	85.6	86.2	85.4	84.7	84.6	85.4	84.1	83.7	83.8	83.9	83.0	82.8	81.9	80.4	78.5	
SShr (hrs)	35.0	31.0	31.0	30.0	30.0	30.0	34.0	34.0	36.0	33.0	34.0	40.0	35.0	38.0	40.0	43.0	46.0	47.0	53.0	
WD (deg)	129	127	132	141	134	138	140	131	131	141	143	133	142	143	143	153	145	154	146	
WS(Km/hr)	6.7	6.8	6.8	5.7	6.1	6.3	6.7	6.3	5.6	5.7	5.6	5.6	5.6	5.6	5.6	5.4	4.8	3.9	3.9	
																				
	Seedbed			Transplanting				Tillering						Heading		Flow erin g	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	Temperature 28-30°C, Relative Humidity 80-90%, Cloudiness, Rainfall >30mm					
Sheath Blight	Temperature 28-32°C, high Relative Humidity, Cloudy weather					
Blast	Night temperature 16-20°C, for 07 hours day temperature 25-30°C, for 07 hours day night temperature >10°C, Relative Humidity >90%, Cloudy					
Sheath rot				Temperature 25-28°C, Cloudy weather, high Relative Humidity>90%		
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			
Leaf roller			Maximum Temperature: 32-33°C, Relative Humidity 92-95%			
Brown plant hopper			High temperature >32°C, , high Relative Humidity:80-90%, drizzle, wet spell, rainfall less than 75 mm			
Rice bug					Higher maximum temperature >31.9°C,	

				<b>Morning Relative Humidity &gt; 93.9%,  Bright Sunshine Hours &gt; 5.9 hrs  Lower Minimum temperature less than 22.1°C,  Afternoon Relative Humidity less than 66.4%, Dry, or intermittent rain  Weekly total rainfall less than 40.9 mm</b>	
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<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>	