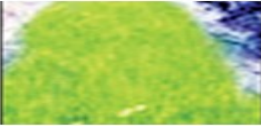

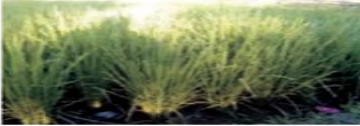


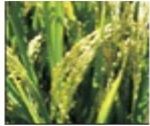



**Crop Weather Calendar of Aus Rice: Faridpur Region (Districts: Faridpur, Rajbari, Madaripur, Shariatpur and Gopalganj) Bangladesh**

Region: Faridpur	Aus Rice																	Duration: 126 days					
	Months			March				April				May				June				July			
	Std.Week/Normal	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28				
Rainfall (mm)	7.0	12.5	18.5	21.0	20.5	27.5	41.5	48.0	46.5	52.5	61.0	67.5	76.5	84.0	86.5	88.0	95.0	77.5					
Max. Temp. (°C)	32.9	33.8	33.4	34.2	34.8	34.5	34.2	34.0	34.1	34.0	33.7	33.8	33.7	32.8	32.1	32.0	31.9	32.0					
Min. Temp. (°C)	19.5	21.2	21.8	23.0	23.5	24.0	24.0	23.7	24.2	24.6	25.0	25.5	26.0	26.0	26.0	26.0	26.0	26.0					
Mean Temp. (°C)	26.2	27.5	27.6	28.6	29.1	29.2	29.1	28.8	29.1	29.3	29.4	29.7	29.8	29.4	29.0	29.0	29.0	29.0					
RHmax (%)	92.4	92.9	93.2	93.0	92.9	92.6	93.3	93.6	94.1	93.8	94.1	94.8	95.2	95.4	95.4	95.5	95.6	95.5					
RHMin (%)	38.4	42.1	46.7	49.0	50.2	53.8	56.9	59.9	61.3	63.3	65.5	67.3	69.5	73.5	73.5	75.6	77.0	76.8					
RHmean (%)	65.4	67.5	69.9	71.0	71.5	73.2	75.1	76.7	77.7	78.5	79.8	81.0	82.4	84.4	84.4	85.6	86.3	86.1					
SShr (hrs)	54.5	51.5	50.5	52.5	53.0	54.5	52.5	49.5	49.5	49.0	40.5	41.0	38.0	30.5	26.5	25.5	23.0	28.0					
WD (deg)	230	216	200	199	197	187	187	182	190	183	187	190	188	179	180	177	183	180					
WS(Km/hr)	4.5	5.5	5.6	6.1	6.1	6.4	6.5	6.2	6.1	5.8	5.6	5.7	5.0	5.4	5.8	5.3	5.5	4.7					
																							
	Seedbed			Transplanting				Tillering				Heading		Flowering	Grain Formation		Maturity to Harvesting						
<b>Favorable Weather Conditions</b>																							
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							
<b>Congenial Weather Condition for Pests &amp; Diseases</b>																							
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																						
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																						
Brown plant hopper	High temperature >32 <sup>o</sup> C, high Relative Humidity:80-90%, drizzle, wet spell, rainfall less than 75 mm																						
<b>Weather Warning</b>																							
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 <sup>o</sup> C			Minimum Temperature <10 <sup>o</sup> C				Minimum Temperature <10 <sup>o</sup> C															