

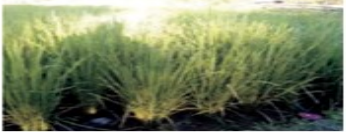






Crop Weather Calendar of Aus Rice: Dhaka Region (Districts: Dhaka, Tangail, Gazipur, Narsingdi, Narayanganj, Munshiganj, Manikgonj) Bangladesh

Region: Dhaka	Aus Rice															Duration: 126 days		
Months	April			May				June				July				August		
Std.Week/Normal	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Rainfall (mm)	21.0	31.5	42.5	46.0	55.5	55.0	75.5	70.0	72.5	86.5	81.0	77.5	82.5	73.5	91.0	81.5	67.0	59.5
Max. Temp. (°C)	34.6	34.1	33.8	33.6	33.7	33.7	33.2	33.5	33.4	32.8	32.2	32.2	32.1	32.0	31.7	32.2	32.2	32.2
Min. Temp. (°C)	23.5	23.7	23.6	23.7	24.2	24.6	24.9	25.4	25.8	25.9	26.2	26.2	26.1	26.2	26.0	26.0	26.2	26.7
Mean Temp. (°C)	29.0	28.9	28.7	28.6	28.9	29.2	29.0	29.4	29.6	29.3	29.2	29.2	29.1	29.1	28.9	29.1	29.2	29.4
RHmax (%)	91.4	91.4	91.7	92.3	92.8	92.9	93.5	93.8	94.0	94.5	94.4	94.7	94.7	84.1	84.5	94.3	94.0	94.1
RHMin (%)	47.1	52.0	55.1	56.7	58.6	60.4	63.5	65.0	66.7	69.9	71.5	72.9	73.5	73.1	73.5	71.1	71.0	71.6
RHmean (%)	69.2	71.7	73.4	74.5	75.7	76.7	78.5	79.4	80.3	82.2	83.0	83.8	84.1	83.6	84.0	82.7	82.5	82.8
SShr (hrs)	54.0	55.0	54.5	51.5	48.0	48.0	42.5	42.0	38.5	31.0	26.0	26.0	27.0	27.5	28.5	32.0	33.5	32.5
WD (deg)	175	167	156	159	164	156	155	157	161	157	157	158	162	157	161	159	156	165
WS(Km/hr)	6.6	6.6	6.7	6.8	6.5	6.4	6.1	5.8	5.6	6.3	6.5	6.5	5.8	5.9	6.1	5.9	6.1	5.8
																		
	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														
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										
High wind	>50 km/hr			>40 km/hr				>30 km/hr										
Temperature	Minimum Temperature <10° C			Minimum Temperature <10° C				Minimum Temperature <10° C										