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

Region: Dhaka	**Aman Rice**														**Duration: 133 days**				
Months	**June**		**July**				**August**				**September**				**October**				**Nov**
Std.Week/Normal	**25**	**26**	**27**	**28**	**29**	**30**	**31**	**32**	**33**	**34**	**35**	**36**	**37**	**38**	**39**	**40**	**41**	**42**	**43**
Rainfall (mm)	81.0	77.5	82.5	73.5	91.0	81.5	67.0	59.5	77.0	62.5	60.5	60.5	68.5	70.0	69.0	47.0	42.0	40.5	26.0
Max. Temp. (°C)	32.2	32.2	32.1	32.0	31.7	32.2	32.2	32.2	31.9	32.3	32.5	32.3	32.2	32.3	32.3	32.5	32.3	32.0	31.5
Min. Temp. (°C)	26.2	26.2	26.1	26.2	26.0	26.0	26.2	26.7	26.2	26.2	26.1	26.0	26.0	26.0	25.7	25.3	24.8	23.8	22.3
Mean Temp. (°C)	29.2	29.2	29.1	29.1	28.9	29.1	29.2	29.4	29.0	29.3	29.3	29.2	29.1	29.1	29.0	28.9	28.5	27.9	26.9
RHmax (%)	94.4	94.7	94.7	94.1	94.5	94.3	94.0	94.1	94.4	94.8	94.4	94.8	95.2	95.0	95.5	95.4	95.4	95.0	94.8
RHMin (%)	71.5	72.9	73.5	73.1	73.5	71.1	71.0	71.6	72.2	71.2	70.0	70.2	69.4	69.7	68.0	65.7	63.0	60.2	55.5
RHmean (%)	83.0	83.8	84.1	83.6	84.0	82.7	82.5	82.8	83.3	83.0	82.2	82.5	82.3	82.3	81.8	80.6	79.2	77.6	75.2
SShr (hrs)	26.0	26.0	27.0	27.5	28.5	32.0	33.5	32.5	31.5	31.5	35.0	33.5	32.0	32.0	34.0	40.0	44.0	47.5	54.0
WD (deg)	157	158	162	157	161	159	156	165	157	165	164	163	177	176	195	194	198	192	190
WS(Km/hr)	6.5	6.5	5.8	5.9	6.1	5.9	6.1	5.8	5.6	5.4	5.5	5.5	5.3	4.3	4.6	4.0	3.9	4.1	3.8
	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	**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, Morning Relative Humidity > 93.9%, Bright Sunshine Hours> 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**		

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**	