





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

Region: Faridpur	Sugarcane																																																		Duration: 427 days										
Months	Oct		November				December				January				February				March				April				May				June				July				August				September				October				November				Dce						
Std.Week/Normal	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
Rainfall (mm)	43.0	20.5	11.5	11.0	8.0	3.0	4.5	0.5	3.5	0.5	2.0	0.5	0.5	0.5	1.5	3.5	5.5	5.0	7.5	5.0	6.5	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	79.5	84.5	84.0	65.5	76.5	74.5	50.0	56.5	59.5	61.5	68.0	43.0	44.0	43.0	20.5	11.5	11.0	8.0	3.0	4.5	0.5	3.5
Max. Temp. (°C)	32.0	31.5	30.9	30.4	29.7	29.2	28.0	27.5	26.5	25.5	25.1	24.3	24.4	24.8	25.4	26.5	27.4	28.5	29.5	30.7	31.8	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	31.7	32.0	32.0	32.1	32.0	32.1	32.0	32.1	32.2	32.2	32.4	32.4	32.0	31.5	30.9	30.4	29.7	29.2	28.0	27.5	26.5	
Min. Temp. (°C)	24.0	22.6	22.0	20.7	19.1	18.2	16.4	15.2	14.7	13.7	12.9	12.2	12.0	12.1	12.1	13.1	13.9	15.5	16.0	17.3	18.5	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	26.1	26.1	26.0	26.1	26.0	26.1	26.2	26.0	26.0	25.8	25.5	25.0	24.0	22.6	22.0	20.7	19.1	18.2	16.4	15.2	14.7	
Mean Temp. (°C)	28.0	27.1	26.4	25.5	24.4	23.7	22.2	21.3	20.6	19.6	19.0	18.3	18.2	18.4	18.7	19.8	20.7	22.0	22.7	24.0	25.1	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	29.0	29.1	29.0	29.1	29.0	29.1	29.2	29.1	29.0	29.2	29.0	28.9	28.7	28.0	27.1	26.4	25.5	24.4	23.7	22.2	21.3	20.6
RHmax (%)	95.7	95.1	95.2	95.4	95.5	95.8	95.6	95.6	96.1	96.2	96.0	95.7	95.4	95.5	95.2	94.7	94.7	94.1	93.8	93.4	92.7	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	95.5	95.6	95.5	95.3	95.3	95.0	95.0	95.0	95.0	94.8	95.1	95.7	96.0	95.9	95.7	95.1	95.2	95.4	95.5	95.8	95.6	95.6	96.1			
RHMin (%)	63.0	58.6	57.6	55.5	53.2	51.2	49.9	50.5	51.4	51.3	51.0	52.2	50.9	48.9	46.3	46.2	43.3	43.3	41.5	39.5	38.8	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	75.6	77.0	76.8	76.3	77.0	75.7	75.3	74.7	75.1	74.9	73.3	74.0	72.9	72.0	71.0	69.3	66.2	63.0	58.6	57.6	55.5	53.2	51.2	49.9	50.5	51.4
RHmean (%)	79.3	76.8	76.4	75.4	74.3	73.5	72.7	73.0	73.7	73.7	73.5	73.9	73.1	72.2	70.7	70.4	69.0	68.7	67.7	66.4	65.7	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	85.6	86.3	86.1	85.8	86.2	85.5	85.1	84.8	85.0	84.9	84.0	84.6	84.1	83.5	83.4	82.7	81.0	79.3	76.8	76.4	75.4	74.3	73.5	72.7	73.0	73.7
SShr (hrs)	46.0	49.5	48.5	51.0	49.5	50.5	51.0	47.0	44.5	40.5	43.0	41.5	39.5	44.5	50.0	49.0	52.0	53.0	54.5	53.0	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	24.5	32.0	33.0	30.0	30.5	31.0	35.0	32.5	34.0	34.0	35.0	39.5	43.0	46.0	49.5	48.5	51.0	49.5	50.5	51.0	47.0	44.5	
WD (deg)	208	213	202	189	202	201	199	201	197	196	183	191	191	210	204	205	203	214	217	222	230	230	216	200	199	197	187	187	182	190	183	187	190	188	179	180	177	183	180	185	180	177	179	183	187	185	192	189	198	210	206	220	208	213	202	189	202	201	199	201	197
WS(Km/hr)	2.9	3.1	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9	3.1	3.4	3.6	3.3	3.4	3.4	3.1	4.0	4.3	4.5	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	5.6	5.6	4.6	4.9	5.1	4.7	4.6	4.6	4.0	4.2	3.7	3.1	2.9	3.1	2.8	2.8	2.8	2.8	2.8				
Phenologicalshases																																																													
	Germination		Tillering										Grand growth										Maturity to Harvesting																																						
Favorable Weather Conditions	Temperature 25° C to 35° C Sunshine(hr) 7 -9 hrs Relative Humidity 80-85% Soil Temperature 16° C to 32° C Rainfall (mm) 1250-1650 mm Normal phase wise water requirement (mm) 300mm, 550mm, 1000mm, 650mm																																																												
Congenial Weather Condition for Pests & Diseases	Red rot: Temperature 29.4° C to 31° C and high Relative umidity (90%) Smut: Temperature 25-30 °C and Relative Humidity above 70-80% Wilt: High day temperature (30-35° C) and Low Relative Humidity 50-60% Termite: Temperature 24° C- 35° C, sandy-sandyloam soil Top Shoot Borer: Temperature-below 37.8°C, Relative Humidity 60-80%,Sunshine-9.1 Stem borer: Temperature 30° to 35 °C and Relative Humidity 46 to 76 %																																																												
Weather Warning	Rain: >30mm/day, >120mm/day Duration of wet spell: >20mm for 3days, >64 mm for 7days, >40 mm for 5days soil moisture: 50% depletion require irrigation, 75% depletion require irrigation Drought: 15-20days, 20-30 days Cloudy Weather: Cloudy Weather High wind: 30-40KM/HR Hail Storm: Hail Storm Temperature: Temperature above 37° C																																																												