


Crop Weather Calendar of Jute: Dinajpur Region (Districts: Dinajpur, Thakurgaon and Panchaghar) Bangladesh

Region:	Jute											Duration: 110-120 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
Rainfall (mm)	4.0	2.0	7.0	8.0	8.0	25.0	23.0	31.0	36.0	57.0	55.0	73.0	57.0	77.0	111.0	96.0	109.0
Max. Temp. (°C)	31.1	32.0	32.1	33.0	33.4	33.0	32.4	32.3	32.9	33.0	33.0	33.4	33.3	33.0	32.3	32.4	32.0
Min. Temp. (°C)	17.1	18.6	19.7	20.4	21.1	22.0	22.0	22.3	22.9	23.6	24.0	24.4	25.0	25.1	25.6	26.0	26.0
Mean Temp. (°C)	24.1	25.3	25.9	26.7	27.3	27.5	27.2	27.3	27.9	28.3	28.5	28.9	29.2	29.1	29.0	29.2	29.0
RHmax (%)	87.6	86.0	87.1	86.6	87.4	89.4	91.1	92.3	92.0	92.1	92.4	92.7	93.4	93.9	94.7	94.4	95.1
RHMin (%)	35.1	36.4	43.3	40.9	43.4	50.9	53.7	57.6	57.3	59.3	62.4	62.3	65.4	67.7	71.4	71.6	73.3
RHmean (%)	61.4	61.2	65.2	63.8	65.4	70.2	72.4	75.0	74.7	75.7	77.4	77.5	79.4	80.8	83.1	83.0	84.2
SShr (hrs)	59.0	55.0	49.0	52.0	55.0	49.0	50.0	49.0	51.0	48.0	44.0	42.0	40.0	35.0	27.0	31.0	27.0
WD (deg)	212	192	170	171	150	142	123	118	115	119	108	117	111	118	120	121	127
WS(Km/hr)	5.4	5.6	5.0	5.6	4.8	4.8	5.4	3.9	3.7	4.3	3.7	3.9	3.7	3.7	3.7	3.7	3.7
Steps																	
	Germination to Emergence		Seedling		Vegetative										Maturity to Harvesting		

Favorable Weather Conditions			
Temperature(°C)	15-25°C	18-35°C	
Photo period(hr)	4.0-8.5 hr		
Relative Humidity(%)	60-90%		
Rain fall(mm)	Around 1000-1500 mm		
Normal phase wise water requirement (mm)	210 mm	310 mm	
		95 mm	

Favorable Weather Conditions			
Stem rot			Temp. 15-40°C, warm and dry weather
Blank band			Temperature 25-28°C
Die back			Temp. 15-40°C, warm and dry weather
Leaf mosaic			Temp. 20-30°C and RH around 80% (for vector-white fly)
Seedling blight		Higher soil temperatures	
Root rot			High temperature and prolong water logging
Field Cricket	Loamy and sandy-loam soil. dry weather and temperature 27-32°C.		
Jute Hairy Caterpillar			High temperature, high humidity and cloudy weather
Jute Semi-loper			RH 65-85%,Temp 28-34°C and rainfall 20mm-100 mm
Jute Yellow mite		Dry and hot weather	Dry and hot weather

Weather Warning			
Rainfall(mm)	<1000 mm		
RH (%)	<60%		
Water logging		water logging	
Duration of wet spell		>15mm for 19days	>15mm for 19days
Drought			15-20 days
Hail Storm	Hail storm		Hail storm
Cloudy weather			Cloudy weather
High wind(Km/Hr)		50KM/HR	40KM/HR
Temperature	Min. temp<10°C and max. temp >32°C	Min. Temp. <15°C and max. Temp. >43°C	