


Crop Weather Calendar of Jute: Rajshahi Region (Districts: Rajshahi, Chapainawabganj, Naogaon and Natore) 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)	3.0	4.0	14.0	13.0	10.0	19.0	17.0	24.0	29.0	33.0	36.0	34.0	48.0	51.0	78.0	72.0	66.0
Max. Temp. (°C)	33.1	34.6	35.0	36.1	36.7	36.4	35.9	35.4	35.3	35.1	35.0	35.3	35.0	33.9	33.1	33.0	32.7
Min. Temp. (°C)	17.6	19.4	20.6	22.1	23.0	23.4	23.9	23.7	24.3	24.6	25.0	25.4	25.9	26.0	26.0	26.0	26.0
Mean Temp. (°C)	25.4	27.0	27.8	29.1	29.9	29.9	29.9	29.6	29.8	29.9	30.0	30.4	30.5	30.0	29.6	29.5	29.4
RHmax (%)	88.7	88.3	89.1	88.9	89.0	90.1	90.7	92.1	92.7	93.3	93.1	93.7	94.6	95.4	96.1	96.6	96.6
RHMin (%)	30.4	30.4	35.9	34.3	34.6	41.4	45.1	50.0	51.9	55.6	58.3	58.9	62.6	67.9	71.1	73.4	73.7
RHmean (%)	59.6	59.6	62.5	61.6	61.8	65.8	67.9	71.1	72.3	74.5	75.7	76.3	78.6	81.7	83.6	85.0	85.2
SShr (hrs)	59.0	59.0	52.0	57.0	57.0	57.0	56.0	52.0	53.0	54.0	48.0	51.0	48.0	35.0	31.0	31.0	30.0
WD (deg)	214	208	186	185	174	167	147	136	136	135	126	133	139	129	127	132	141
WS(Km/hr)	5.4	5.6	5.6	6.1	5.7	7.2	7.4	7.4	7.2	7.2	7.2	7.2	6.7	6.7	6.8	6.8	5.7
Steps																	
	Germination to Emergence		Seedling		Vegetative								Maturity to Harvesting				

Favorable Weather Conditions			
Temperature(°C)	15-25°C	18-35°C	
Photo period(hr)	4.5-8.5 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	
Leaf mosaic virus		Temp. 20-30°C and RH around 80% (for vector-white fly)	
Seedling blight		Higher soil temperatures	
Field Cricket	Loamy and sandy-loam soil. dry weather and temperature 27-32°C.		
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	