





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

Region: Faridpur	Jute															Duration: 110-120 days		
Months	March					April					May					June		
Std.Week/Normal	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
Rainfall (mm)	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	
Max. Temp. (°C)	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	
Min. Temp. (°C)	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	
Mean Temp. (°C)	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	
RHmax (%)	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	
RHMin (%)	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	
RHmean (%)	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	
SShr (hrs)	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	
WD (deg)	222	230	230	216	200	199	197	187	187	182	190	183	187	190	188	179	180	
WS(Km/hr)	4.5	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	
Steps																		
	Germination to Emergence	Seedling	Vegetative											Maturity to Harvesting				

Favorable Weather Conditions			
Temperature(°C)	15-25°C	18-35°C	
Photo period(hr)	4.0-7.5 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	
Root knot		High temperature and prolong water logging	
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	

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	