


Crop Weather Calendar of Jute: Rangpur Region (Districts: Rangpur, Kurigram, Gaibandha, Nilphamari, Lalmonirhat) Bangladesh

Region: Rangpur	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)	2.5	1.0	2.5	5.5	18.5	11.0	19.5	28.5	31.5	50.0	40.0	65.0	61.5	87.0	106.5	90.5	109.5
Max. Temp. (°C)	28.5	29.9	30.8	31.6	31.4	32.1	32.5	32.3	32.0	31.9	32.5	32.7	32.2	32.8	32.7	32.4	32.0
Min. Temp. (°C)	15.3	16.1	17.3	18.4	19.5	20.3	21.1	21.9	21.9	22.3	23.2	23.4	23.9	24.4	25.0	25.2	25.8
Mean Temp. (°C)	21.9	23.0	24.0	25.0	25.4	26.2	26.8	27.1	27.0	27.1	27.8	28.1	28.0	28.6	28.8	28.8	28.9
RHmax (%)	91.4	89.8	88.7	88.1	87.7	88.5	88.4	89.9	90.9	92.5	92.2	92.9	92.8	93.3	93.9	94.2	94.9
RHMin (%)	42.8	39.6	40.8	42.5	48.8	49.7	50.7	56.7	59.0	62.0	62.0	62.9	65.8	66.7	69.0	70.7	73.7
RHmean (%)	67.1	64.7	64.7	65.3	68.3	69.1	69.5	73.3	75.0	77.3	77.1	77.9	79.3	80.0	81.4	82.4	84.3
SShr (hrs)	56.5	57.5	57.0	54.0	49.0	51.5	51.0	47.5	47.0	46.5	47.5	49.0	41.0	40.5	38.0	31.5	27.0
WD (deg)	201	207	196	179	152	148	141	135	118	115	120	118	119	123	125	125	127
WS(Km/hr)	7.7	7.8	8.2	8.7	8.7	8.3	8.4	8.3	8.6	7.8	7.7	7.9	6.8	7.4	6.9	7.4	7.1
Steps																	
	Germination to Emergence	Seedling	Vegetative											Maturity to Harvesting			

Favorable Weather Conditions			
Temperature(°C)	15-25°C	18-35°C	
Photo period(hr)	4.0-8.0 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 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.		
Jute Hairy Caterpillar			High temperature, high humidity and cloudy weather
Jute Semi-lopper			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	