





## Crop Weather Calendar of Jackfruit: Chittagong Region (Districts: Chattogram, Lakshimpur, Coxsbazar, Noakhali and Feni) Bangladesh

Region: Chittagong	<b>Jackfruit</b>																										Duration: 224-230 days			
Months	December				January				February				March				April				May				June		July			
Std.Week/Normal	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
Rainfall (mm)	1	4	2	2	0	1	1	1	2	1	2	8	5	5	6	13	21	21	27	34	36	63	61	70	89	88	119	161	181	197
Max. Temp. (°C)	28.6	27.8	26.9	26.6	26.5	26.1	26.6	26.9	27.7	28.7	29.3	29.8	30.6	31.2	32.0	32.0	31.8	32.1	32.6	32.7	32.9	32.8	32.9	32.8	32.5	32.3	32.1	31.5	31.3	30.9
Min. Temp. (°C)	17.0	16.3	15.3	14.9	14.1	13.9	14.1	14.1	14.9	15.8	16.9	17.6	18.8	19.8	20.7	21.8	22.7	23.5	24.0	24.4	24.5	24.5	24.8	25.2	25.2	25.6	25.6	25.4	25.4	25.2
Mean Temp. (°C)	22.8	22.1	21.1	20.8	20.3	20.0	20.4	20.5	21.3	22.2	23.1	23.7	24.7	25.5	26.3	26.9	27.2	27.8	28.3	28.6	28.7	28.7	28.9	29.0	28.9	29.0	28.8	28.5	28.3	28.1
RHmax (%)	94.4	94.2	94.4	94.1	93.8	93.1	92.9	91.6	91.0	90.6	90.4	91.0	90.8	91.1	91.3	93.0	93.0	93.3	92.9	92.6	92.8	92.9	93.3	93.5	93.9	94.0	94.9	95.3	95.1	95.9
RHMin (%)	49.5	50.0	50.3	49.1	48.2	47.1	44.9	42.3	43.6	41.2	43.3	43.9	44.8	46.6	47.4	54.0	58.2	60.1	60.5	61.6	62.0	62.3	64.1	66.1	68.9	70.2	71.9	74.8	75.3	77.3
RHmean (%)	71.9	72.1	72.3	71.6	71.0	70.1	68.9	67.0	67.3	65.9	66.8	67.5	67.8	68.8	69.4	73.5	75.6	76.7	76.7	77.1	77.4	77.6	78.7	79.8	81.4	82.1	83.4	85.1	85.2	86.6
SShr (hrs)	54.8	52.8	50.8	51.3	53.3	50.8	53.8	56.5	56.3	57.8	57.5	58.5	60.3	59.3	56.8	57.0	52.8	56.0	56.0	54.8	55.3	52.8	55.0	48.0	42.8	40.3	36.8	28.0	28.0	25.3
WD (deg)	204	196	199	207	200	193	203	203	201	203	208	214	221	215	223	218	207	209	205	205	202	199	203	199	186	185	182	177	174	173
WS(Km/hr)	5.1	5.7	5.8	6.2	6.6	6.9	6.8	7.0	7.1	7.3	7.7	7.9	8.6	8.7	8.9	9.4	9.7	10.0	11.1	10.6	10.6	10.1	10.0	10.1	10.0	10.2	9.8	10.5	11.0	10.9
Stages																														
	Inflorescence Emergence				Flowering				Fruit Development																		Fruit Maturation/Ripening			

### Congenial Weather Condition for Diseases

Soft rot or fruit rot	Temp 26.5°C to 35°C, hot, humid weather and frequent rain or overhead irrigation at least six hours wetting.
Dieback	RH about 80%, max and min temp of 30°C & 15°C and raining.
Gummosis	Cold temp (14.0 to 24°C) with RH 60-75%.
Leaf spot	Temp 22.50°C to 33.5°C; RH 65-85%; Rainfall 10 mm to 15 mm.

### Congenial weather for insect-pests

Shoot and fruit bore	Temp. 15.0 – 31.0°C, RH: 77-97%
Jackfruit Bud weevil	Temp. 14.0 – 30.0°C, RH: 96 – 97%
Jackfruit Aphids	Temp. 14.0 – 34.0°C, RH: 72 - 83%
Mealy Bugs	Temp. 15 - 33°C, RH:- 72-75%

### Weather Warning

Rainfall	> 5 mm
Cloudy Weather	Cloudy Weather
Relative Humidity	Maximum Humidity > 92% Minimum Humidity < 40%
Hail storm	Hail storm
High wind	> 20 km/hr
Temperature	Max. Temp. > 30 °C and Min. Temp. < 20 °C