





Crop Weather Calendar of Jackfruit: Rangamati Region (Districts: Rangamati, Khagrachari and Bandarban) Bangladesh

Region: Rangamati	Jackfruit																								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)	0	0	0	3	0	0	3	0	0	2	0	10	5	8	4	4	4	21	49	29	26	67	72	63	59	72	122	134	125	101
Max. Temp. (°C)	27.6	27.0	26.0	26.0	25.7	25.6	26.0	26.6	27.0	28.3	29.3	29.9	30.9	31.7	32.9	33.1	33.0	33.0	33.4	33.7	33.7	33.1	33.0	33.3	32.9	33.0	32.0	31.7	31.3	31.0
Min. Temp. (°C)	16.9	16.1	15.1	14.7	14.0	13.6	13.1	13.0	14.1	14.4	16.0	16.3	17.6	18.4	19.9	20.9	21.7	22.3	22.9	23.6	23.4	23.6	23.9	24.1	24.4	25.0	25.0	25.0	25.0	25.0
Mean Temp. (°C)	22.3	21.6	20.6	20.4	19.9	19.6	19.6	19.8	20.6	21.4	22.7	23.1	24.3	25.1	26.4	27.0	27.4	27.7	28.2	28.7	28.6	28.4	28.5	28.7	28.7	29.0	28.5	28.4	28.2	28.0
RHmax (%)	95.0	95.0	95.4	95.4	95.0	94.7	94.3	94.3	93.4	92.9	91.7	91.0	90.4	89.3	89.3	90.3	90.4	89.9	89.7	90.6	91.4	91.6	91.6	92.0	92.1	92.3	93.0	94.0	93.7	93.7
RHMin (%)	56.6	55.1	55.3	53.0	51.6	50.1	46.1	43.9	44.9	41.7	42.1	39.4	40.0	38.9	39.7	43.7	48.0	49.7	51.1	52.9	54.9	56.4	59.4	61.1	65.9	67.7	69.6	72.7	73.6	74.4
RHmean (%)	75.8	75.1	75.4	74.2	73.3	72.4	70.2	69.1	69.2	67.3	66.9	65.2	65.2	64.1	64.5	67.0	69.2	69.8	70.4	71.8	73.2	74.0	75.5	76.6	79.0	80.0	81.3	83.4	83.7	84.1
SShr (hrs)	53.0	53.0	50.0	53.0	52.0	50.0	53.0	56.0	53.0	57.0	56.0	56.0	59.0	58.0	56.0	52.0	50.0	55.0	54.0	55.0	54.0	50.0	50.0	44.0	42.0	39.0	35.0	30.0	29.0	28.0
WD (deg)	169	173	161	161	165	152	162	173	160	176	170	178	193	197	193	201	204	205	205	210	202	207	199	193	191	195	192	186	179	184
WS(Km/hr)	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	4.3	3.7	4.4	4.8	5.4	5.6	5.6	6.1	6.1	5.6	5.6	5.6	5.7	6.1	5.6	5.0	5.6	5.6	5.7	5.6
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. 14.0 – 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	