





## Crop Weather Calendar of Jackfruit: Mymensingh Region (Districts: Mymensingh, Kishoregonj, Jamalpur, Netrokona, Sherpur) Bangladesh

Region: Mymensingh	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)	1	3	0	2	0	3	1	0	2	1	5	7	1	4	6	11	17	20	30	40	36	55	62	69	97	81	96	103	98	85
Max. Temp. (°C)	27.6	26.3	25.4	25.0	24.4	24.0	24.0	25.1	25.9	26.6	27.4	28.1	29.1	30.3	31.0	31.9	31.3	32.1	32.7	32.0	31.7	31.6	31.9	32.3	32.0	32.0	32.0	31.7	31.4	31.0
Min. Temp. (°C)	15.0	14.0	13.3	12.4	12.0	11.6	11.9	12.0	13.0	13.7	15.0	15.9	16.6	17.4	18.6	19.9	20.9	21.9	22.4	22.9	22.9	22.9	23.6	24.0	24.3	25.0	25.6	25.7	26.0	26.0
Mean Temp. (°C)	21.3	20.2	19.4	18.7	18.2	17.8	18.0	18.6	19.5	20.2	21.2	22.0	22.9	23.9	24.8	25.9	26.1	27.0	27.6	27.5	27.3	27.3	27.8	28.2	28.2	28.5	28.8	28.7	28.7	28.5
RHmax (%)	95.3	95.6	95.6	95.3	95.1	94.4	94.4	93.4	92.6	92.1	91.4	90.6	90.9	90.6	90.1	89.7	90.4	89.9	90.9	91.1	91.3	92.4	92.6	92.7	92.7	94	94.1	94.7	95	94.7
RHMin (%)	52.3	54.1	53.6	53.7	53.6	53.1	51.4	47	47.9	45.3	45	45.1	44.3	43.6	44.6	48.3	54.7	55	56.6	61.1	62.6	64.6	66	66.4	69.4	71.9	73	75.4	76.6	77.7
RHmean (%)	73.8	74.9	74.6	74.5	74.4	73.8	72.9	70.2	70.3	68.7	68.2	67.9	67.6	67.1	67.4	69.0	72.6	72.5	73.8	76.1	77.0	78.5	79.3	79.6	81.1	83.0	83.6	85.1	85.8	86.2
SShr (hrs)	49.0	43.0	40.0	42.0	41.0	39.0	41.0	45.0	44.0	48.0	50.0	50.0	51.0	53.0	53.0	48.0	44.0	49.0	49.0	49.0	46.0	44.0	44.0	45.0	39.0	36.0	34.0	26.0	25.0	23.0
WD (deg)	191	206	199	221	230	236	216	238	228	218	222	210	214	202	208	179	165	149	146	143	128	126	134	131	126	130	142	138	143	144
WS(Km/hr)	3.0	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.9	4.4	5.4	5.0	5.4	5.6	6.3	6.1	7.2	6.8	7.2	7.6	7.4	6.8	7.4	7.4	6.8	6.1	7.4	6.8	7.2
Stages																														
	Inflorescence Emergence				Flowering				Fruit Development																Fruit Maturation/Ripening					

Congenial Weather Condition for Diseases			
Soft rot or fruit rot		Temp 24.5°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 33°C & 17°C and raining.	
Gummosis		Cold temp (12.0 to 28°C) with RH 60-75%.	
Leaf spot		Temp 24.50°C to 33.5°C; RH 65-85%; Rainfall 10 mm to 15 mm.	

Congenial weather for insect-pests			
Shoot and fruit bore		Temp. 15.38 – 34.57°C, RH: 77-97%	
Jackfruit Bud weevil		Temp. 12.0 – 30.0°C, RH: 96 – 97%	
Jackfruit Aphids		Temp. 12.0 – 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	