





## Crop Weather Calendar of Jackfruit: Dhaka Region (Districts: Dhaka, Tangail, Gazipur, Narsingdi, Narayanganj, Munshiganj, Manikgonj) Bangladesh

Region: Dhaka	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)	1.5	4.5	1.0	3.5	1.0	0.0	0.0	0.5	3.5	3.5	2.5	12.0	3.5	4.0	9.5	13.5	20.5	25.0	21.0	31.5	42.5	46.0	55.5	55.0	75.5	70.0	72.5	86.5	81.0	77.5
Max. Temp. (°C)	27.6	26.2	25.5	24.8	24.0	23.9	24.5	25.0	26.2	27.2	28.3	28.9	30.0	31.5	32.3	33.4	33.2	33.9	34.6	34.1	33.8	33.6	33.7	33.7	33.2	33.5	33.4	32.8	32.2	32.2
Min. Temp. (°C)	15.5	14.7	13.5	12.9	12.4	12.0	12.0	12.1	13.6	14.3	15.5	16.5	17.5	18.6	19.8	21.3	21.8	22.9	23.5	23.7	23.6	23.7	24.2	24.6	24.9	25.4	25.8	25.9	26.2	26.2
Mean Temp. (°C)	21.5	20.5	19.5	18.8	18.2	17.9	18.3	18.6	19.9	20.7	21.9	22.7	23.7	25.0	26.1	27.3	27.5	28.4	29.0	28.9	28.7	28.6	28.9	29.2	29.0	29.4	29.6	29.3	29.2	29.2
RHmax (%)	94.8	95.3	95.1	95.0	94.6	94.3	93.8	93.4	92.4	92.1	91.7	91.1	90.0	89.9	89.2	89.6	90.3	91.3	91.4	91.4	91.7	92.3	92.8	92.9	93.5	93.8	94.0	94.5	94.4	94.7
RHMin (%)	47.6	49.4	49.8	49.1	50.3	48.8	46.2	43.3	42.3	39.4	39.7	38.9	36.0	35.5	35.9	38.9	44.5	45.9	47.1	52.0	55.1	56.7	58.6	60.4	63.5	65.0	66.7	69.9	71.5	72.9
RHmean (%)	71.2	72.3	72.5	72.1	72.4	71.6	70.0	68.3	67.3	65.7	65.7	65.0	63.0	62.7	62.5	64.3	67.4	68.6	69.2	71.7	73.4	74.5	75.7	76.7	78.5	79.4	80.3	82.2	83.0	83.8
SShr (hrs)	48.5	46.5	44.5	44.5	42.5	42.5	45.0	49.0	49.5	51.5	53.0	54.5	56.0	55.0	58.0	55.5	52.5	53.5	54.0	55.0	54.5	51.5	48.0	48.0	42.5	42.0	38.5	31.0	26.0	26.0
WD (deg)	219	224	225	233	238	238	232	242	241	236	234	228	234	230	223	206	188	181	175	167	156	159	164	156	155	157	161	157	157	158
WS(Km/hr)	3.7	3.7	3.7	3.7	4.1	4.0	4.1	4.3	4.3	4.5	5.0	5.3	5.0	5.4	5.7	6.2	6.5	6.5	6.6	6.6	6.7	6.8	6.5	6.4	6.1	5.8	5.6	6.3	6.5	6.5
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 (13.5 to 28°C) with RH 60-75%.	
Leaf spot		Temp 22.50°C to 33.5°C; RH 65-85%; Rainfall 15 mm to 41 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	