





## Crop Weather Calendar of Jackfruit: Dinajpur Region (Districts: Dinajpur, Thakurgaon and Panchaghar) Bangladesh

Region: Dinajpur	<b>Jackfruit</b>																								<b>Duration: 224-230 days</b>					
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	3	0	4	2	2	3	2	1	2	3	1	1	1	4	2	7	8	8	25	23	31	36	57	55	73	57	77	111	96
Max. Temp. (°C)	27.0	25.4	24.9	23.9	22.6	22.4	23.0	23.7	25.0	25.9	26.7	27.7	28.6	30.1	31.1	32.0	32.1	33.0	33.4	33.0	32.4	32.3	32.9	33.0	33.0	33.4	33.3	33.0	32.3	32.4
Min. Temp. (°C)	13.3	12.9	12.0	10.9	10.7	10.3	10.0	10.6	11.1	12.1	13.6	14.1	15.0	16.1	17.1	18.6	19.7	20.4	21.1	22.0	22.0	22.3	22.9	23.6	24.0	24.4	25.0	25.1	25.6	26.0
Mean Temp. (°C)	20.2	19.2	18.5	17.4	16.7	16.4	16.5	17.2	18.1	19.0	20.2	20.9	21.8	23.1	24.1	25.3	25.9	26.7	27.3	27.5	27.2	27.3	27.9	28.3	28.5	28.9	29.2	29.1	29.0	29.2
RHmax (%)	96.1	96.4	96.3	96.6	96.7	96.3	96.4	95.9	94.7	94.0	93.4	92.0	90.6	88.9	87.6	86.0	87.1	86.6	87.4	89.4	91.1	92.3	92.0	92.1	92.4	92.7	93.4	93.9	94.7	94.4
RHMin (%)	49.0	52.9	52.7	54.0	55.1	53.7	52.4	50.4	47.7	43.1	42.4	40.9	38.4	35.3	35.1	36.4	43.3	40.9	43.4	50.9	53.7	57.6	57.3	59.3	62.4	62.3	65.4	67.7	71.4	71.6
RHmean (%)	72.6	74.7	74.5	75.3	75.9	75.0	74.4	73.2	71.2	68.6	67.9	66.5	64.5	62.1	61.4	61.2	65.2	63.8	65.4	70.2	72.4	75.0	74.7	75.7	77.4	77.5	79.4	80.8	83.1	83.0
SShr (hrs)	48.0	42.0	41.0	37.0	34.0	34.0	37.0	41.0	44.0	46.0	52.0	54.0	57.0	59.0	59.0	55.0	49.0	52.0	55.0	49.0	50.0	49.0	51.0	48.0	44.0	42.0	40.0	35.0	27.0	31.0
WD (deg)	183	193	200	213	225	238	243	227	241	225	230	225	228	230	212	192	170	171	150	142	123	118	115	119	108	117	111	118	120	121
WS(Km/hr)	2.6	3.7	3.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.9	4.3	5.4	5.6	5.0	5.6	4.8	4.8	5.4	3.9	3.7	4.3	3.7	3.9	3.7	3.7	3.7	3.7
Stages																														
	Inflorescence Emergence				Flowering				Fruit Development																Fruit Maturation/Ripening					

Congenial Weather Condition for Diseases			
Soft rot or fruit rot		Temp 23.0°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 36°C & 24°C and raining.	
Gummosis		Cold temp (10.5 to 28°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. 10.38 – 34.57°C, RH: 77-97%	
Jackfruit Bud weevil		Temp. 10.0 – 30.0°C, RH: 96 – 97%	
Jackfruit Aphids		Temp. 10.0 – 34.0°C, RH: 72 - 83%	
Mealy Bugs		Temp. 10 - 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	