





Crop Weather Calendar of Jackfruit: Rangpur Region (Districts: Rangpur, Kurigram, Gaibandha, Nilphamari, Lalmonirhat) Bangladesh

Region: Rangpur	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	3	0	3	1	3	2	1	1	2	4	2	3	1	3	6	19	11	20	29	32	50	40	65	62	87	107	91	110	91
Max. Temp. (°C)	26.7	25.1	24.7	24.1	22.7	22.4	23.2	23.4	24.7	25.9	26.7	27.5	28.5	29.9	30.8	31.6	31.4	32.1	32.5	32.3	32.0	31.9	32.5	32.7	32.2	32.8	32.7	32.4	32.0	32.2
Min. Temp. (°C)	14.2	13.5	12.5	11.5	10.9	10.4	10.8	10.8	11.8	12.7	13.7	14.4	15.3	16.1	17.3	18.4	19.5	20.3	21.1	21.9	21.9	22.3	23.2	23.4	23.9	24.4	25.0	25.2	25.8	26.0
Mean Temp. (°C)	20.4	19.3	18.6	17.8	16.8	16.4	17.0	17.1	18.3	19.3	20.2	21.0	21.9	23.0	24.0	25.0	25.4	26.2	26.8	27.1	27.0	27.1	27.8	28.1	28.0	28.6	28.8	28.8	28.9	29.1
RHmax (%)	95.0	95.4	95.8	96.1	96.0	96.0	95.8	95.7	95.5	94.3	93.7	92.9	91.4	89.8	88.7	88.1	87.7	88.5	88.4	89.9	90.9	92.5	92.2	92.9	92.8	93.3	93.9	94.2	94.9	94.7
RHMin (%)	53.5	56.2	56.2	55.2	58.5	57.8	56.2	54.2	51.6	48.0	47.1	45.3	42.8	39.6	40.8	42.5	48.8	49.7	50.7	56.7	59.0	62.0	62.0	62.9	65.8	66.7	69.0	70.7	73.7	73.6
RHmean (%)	74.2	75.8	76.0	75.6	77.3	76.9	76.0	74.9	73.5	71.2	70.4	69.1	67.1	64.7	64.7	65.3	68.3	69.1	69.5	73.3	75.0	77.3	77.1	77.9	79.3	80.0	81.4	82.4	84.3	84.1
SShr (hrs)	49.5	41.5	42.5	40.0	36.0	36.5	39.5	41.0	44.0	48.5	50.0	51.5	56.5	57.5	57.0	54.0	49.0	51.5	51.0	47.5	47.0	46.5	47.5	49.0	41.0	40.5	38.0	31.5	27.0	28.0
WD (deg)	129	158	160	187	199	214	199	210	208	192	201	201	201	207	196	179	152	148	141	135	118	115	120	118	119	123	125	125	127	131
WS(Km/hr)	6.0	5.7	5.6	5.6	5.7	5.7	5.7	5.6	6.2	6.6	7.5	7.2	7.7	7.8	8.2	8.7	8.7	8.3	8.4	8.3	8.6	7.8	7.7	7.9	6.8	7.4	6.9	7.4	7.1	7.1
Stages																														
	Inflorescence Emergence				Flowering				Fruit Development																		Fruit Maturation/Ripening			

Congenial Weather Condition for Diseases			
Soft rot or fruit rot		Temp 23.5°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 (11.0 to 24°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. 10.5 – 31.0°C, RH: 77-97%	
Jackfruit Bud weevil		Temp. 10.5 – 30.0°C, RH: 96 – 97%	
Jackfruit Aphids		Temp. 11.0 – 34.0°C, RH: 72 - 83%	
Mealy Bugs		Temp. 12 - 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	