











Crop Weather Calendar of Robi Brinjal: Jashore Region (Districts: Jashore, Kushtia, Chuadanga, Jhenaidah, Meherpur, Magura) Bangladesh

Region:Jashore	Robi Brinjal																170-180									
Months	September			October				November				December					January				February				March	
Std.Week/Normal	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10
Rainfall (mm)	68.0	59.0	69.5	44.5	33.0	26.5	20.0	9.0	8.0	7.5	1.0	2.0	1.5	4.0	0.0	3.5	0.5	1.5	2.5	3.0	6.5	5.0	4.5	8.0	4.0	2.5
Max. Temp. (°C)	32.9	33.0	33.2	33.2	33.0	32.7	31.9	31.1	31.1	30.3	29.6	28.5	27.7	26.6	25.7	25.2	24.5	24.5	25.1	25.6	26.6	27.8	28.9	30.0	31.0	32.4
Min. Temp. (°C)	26.0	26.0	25.3	25.1	24.4	23.4	21.6	20.7	19.4	18.0	16.7	15.1	14.0	13.4	12.3	11.4	10.9	10.7	11.0	10.8	12.0	13.3	14.7	15.6	16.4	17.7
Mean Temp. (°C)	29.5	29.5	29.2	29.1	28.7	28.0	26.7	25.9	25.3	24.2	23.1	21.8	20.9	20.0	19.0	18.3	17.7	17.6	18.0	18.2	19.3	20.5	21.8	22.8	23.7	25.0
RHmax (%)	96.6	96.3	96.6	96.5	96.5	96.5	96.1	95.9	95.9	95.7	95.7	95.4	95.2	95.8	95.5	95.7	95.4	95.3	95.3	94.9	94.9	94.2	94.0	93.7	93.2	92.5
RHMin (%)	70.8	69.7	67.7	67.0	64.4	61.5	57.1	56.2	52.0	49.8	48.1	46.3	47.2	49.2	49.4	47.9	49.6	47.9	47.0	44.7	44.2	42.2	41.0	39.3	36.5	35.4
RHmean (%)	83.7	83.0	82.1	81.7	80.4	79.0	76.6	76.0	74.0	72.8	71.9	70.8	71.2	72.5	72.5	71.8	72.5	71.6	71.2	69.8	69.5	68.2	67.5	66.5	64.9	63.9
SShr (hrs)	33.0	32.5	38.5	40.0	43.5	47.0	49.0	45.5	48.5	49.5	47.5	48.5	47.5	43.5	42.0	42.0	41.0	42.5	44.5	48.0	48.5	49.5	50.0	54.5	55.0	54.0
WD (deg)	186	187	195	195	198	187	182	153	175	177	179	178	184	183	177	174	158	156	188	192	186	191	203	214	219	213
WS(Km/hr)	4.1	3.8	3.7	3.1	3.0	2.9	2.5	2.5	2.3	2.4	2.3	2.4	2.3	2.4	2.5	2.5	3.0	3.0	3.0	3.0	3.2	3.1	3.3	3.7	3.5	3.9
																										
Stages	Germination and Seedling Planting			Vegetative Growth								Flowering				Fruiting				Harvesting						
Favorable environment	Temperature 15-20° C			Temperature 20-30° C								Temperature 20-30° C				Temperature 20-32° C				Temperature 24-32° C						
Relative Humidity	50-75%																									
Soil Temperature	22-25° C																									
Sunshine Hour	6-8 hr																									
Favorable environmental conditions for insects and diseases																										
Shoot and Fruit Borer																	Temperature : 24-30° C, RH: 55-75%									
Leaf hopper/Jassid/Thrips																	Temperature : 22-30° C, RH: 60-65%									
Epilachna beetle																	Temperature : 25-30° C, RH: 55-65%									
Red Mites																	Temperature : 15-26° C, RH: 60-70%									
White fly																	Temperature : 22-32° C, RH: 55-75%									
Wilting																	Temperature : 25-30° C, RH: 70-80%									
Foot rot/collar rot disease																	Temperature : 24-30° C, RH: 70-80%									
Fruit rot																	Temperature : 28-32° C, RH: 55-75%									
Weather warning																										
Rainfall (mm)	40 mm or more (creates water logging condition)																									
Cloudy weather	Cloudy condition																									
Drought																	Dry and warm weather creates moisture stress in the soil									
Duration of soil remain wet (day)	3 to 5 days stagnant water																									
Hailstorms	Early or seasonal rainfall with hailstorms																									
Wind speed (Km/hr.)	40 Km/hr or more																									
Temperature (°C)	32.5 to 35.5° C																									

Crop Weather Calendar of Kharif Brinjal: Jashore Region (Districts: Jashore, Kushtia, Chuadanga, Jhenaidah, Meherpur, Magura) Bangladesh

Region:Jashor	Kharif Brinjal															Life span: 170-180 days									
Months	March			April				May				June				July				August					
Std.Week/Normal	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
Rainfall (mm)	4.5	11.5	12.0	11.5	7.0	12.5	21.5	28.5	30.5	36.0	44.5	38.5	49.5	54.5	81.0	72.5	82.0	72.0	83.5	73.0	63.5	56.0	68.0	48.5	50.5
Max. Temp. (°C)	33.6	34.7	34.6	35.5	36.1	36.5	36.3	36.0	36.0	35.9	35.5	35.6	35.3	34.0	33.3	33.0	32.7	32.9	32.7	32.7	33.0	32.8	32.7	33.1	33.3
Min. Temp. (°C)	19.0	20.8	21.8	22.8	23.5	24.1	24.2	24.2	25.2	25.0	25.5	26.0	26.2	26.2	26.1	26.2	26.0	26.1	26.2	26.2	26.0	26.2	26.0	26.1	26.0
Mean Temp. (°C)	26.3	27.7	28.2	29.2	29.8	30.3	30.3	30.1	30.6	30.4	30.5	30.8	30.7	30.1	29.7	29.6	29.4	29.5	29.5	29.4	29.5	29.5	29.3	29.6	29.6
RHmax (%)	92.1	92.1	92.4	92.4	92.9	92.4	92.3	92.8	92.7	93.1	93.6	94.0	94.1	94.8	95.7	96.0	96.1	96.1	96.1	96.1	96.0	96.2	96.5	96.2	96.2
RHMin (%)	34.9	36.7	42.0	41.5	41.6	44.3	46.9	49.9	51.7	54.8	58.7	60.0	62.1	67.5	71.7	73.5	74.4	73.4	74.6	73.4	72.6	73.0	73.0	71.7	71.0
RHmean (%)	63.9	64.4	67.2	66.9	67.2	68.3	69.6	71.3	72.2	74.0	76.1	77.0	78.1	81.1	83.7	84.7	85.2	84.7	85.3	84.7	84.3	84.6	84.7	83.9	83.6
SShr (hrs)	55.0	53.0	51.5	55.5	54.5	54.5	55.5	54.0	51.5	52.5	46.5	45.5	41.5	32.0	26.5	26.0	24.5	29.0	25.0	29.5	32.5	30.0	28.0	30.5	32.5
WD (deg)	230	212	208	209	204	193	188	186	186	180	181	180	183	174	175	178	186	178	180	177	172	175	175	185	171
WS(Km/hr)	4.1	4.4	4.7	5.1	5.2	5.7	5.6	5.6	5.8	5.2	5.2	5.0	4.6	4.9	4.6	4.6	4.4	4.3	4.4	4.7	4.3	4.4	4.3	3.9	4.1
																									
Stages	Germination and Seedling Planting			Vegetative Growth				Flowering				Fruiting				Harvesting									
Favorable environment	20-22° C			22-32° C				24-32° C				24-32° C				24-32° C									
Temperature	20-22° C			22-32° C				24-32° C				24-32° C				24-32° C									
Relative Humidity	60-75%															60-75%									
Soil Temperature	22-27 °C															22-27 °C									
Sunshine Hour	8-10 hr															8-10 hr									
Favorable environmental conditions for insects and diseases																									
Shoot and Fruit Borer																Temperature : 24-32° C, RH: 55-75%									
Leaf hopper/Jassid/Thrips																Temperature : 22-30° C, RH: 60-65%									
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Wilting																☹ Temperature : 25-30° C, RH: 70-80%									
Foot rot/collar rot disease																Temperature : 24-30° C, RH: 70-80%									
Fruit rot																Temperature : 28-32° C, RH: 55-75%									
Weather warning																									
Rainfall (mm)	15-20 mm or more															40 mm or more (creates water logging condition)									
Cloudy weather																Cloudy condition									
Drought																Moisture stress in the soil (due to Dry and warm weather)									
Duration of soil remain wet (day)																3 to 5 days stagnant water									
Hailstorms																Early or seasonal rainfall with hailstorms									
Wind speed (Km/hr.)																40 Km/hr or more									
Temperature (°C)																36.5 to 38.5° C									