



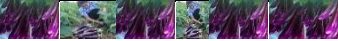







Crop Weather Calendar of Rabi Eggplant: Chattogram Region (Districts: Chattogram, Lakshmpur, Coxsbazar, Noakhali and Feni) Bangladesh

Region:Chattogram	Eggplant: Rabi season																				Life span: 110-120 days									
Months	October			November				December					January				February				March					April				
Std.Week	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
Rainfall (mm)	75.7	43.7	26.0	19.3	21.7	14.3	9.0	11.7	1.0	4.0	2.3	2.0	0.3	0.7	0.7	1.3	2.0	1.3	2.3	8.3	4.7	5.3	6.3	13.3	21.3	21.3	27.0	34.3		
Max. Temp. (°C)	31.9	32.1	31.9	31.5	31.2	30.5	29.9	29.0	28.6	27.8	26.9	26.6	26.5	26.1	26.6	26.9	27.7	28.7	29.3	29.8	30.6	31.2	32.0	32.0	31.8	32.1	32.6	32.7		
Min. Temp. (°C)	24.8	24.5	23.3	22.8	21.6	20.2	19.2	18.0	17.0	16.3	15.3	14.9	14.1	13.9	14.1	14.1	14.9	15.8	16.9	17.6	18.8	19.8	20.7	21.8	22.7	23.5	24.0	24.4		
Mean Temp. (°C)	28.3	28.3	27.6	27.1	26.4	25.3	24.6	23.5	22.8	22.1	21.1	20.8	20.3	20.0	20.4	20.5	21.3	22.2	23.1	23.7	24.7	25.5	26.3	26.9	27.2	27.8	28.3	28.6		
RHmax (%)	96.1	95.8	95.0	94.9	94.7	94.4	94.1	94.5	94.4	94.2	94.4	94.1	93.8	93.1	92.9	91.6	91.0	90.6	90.4	91.0	90.8	91.1	91.3	93.0	93.0	93.3	92.9	93.6		
RHmin (%)	68.8	66.7	62.2	62.2	58.1	55.4	52.0	50.8	49.5	50.0	50.3	49.1	48.2	47.1	44.9	42.3	43.6	41.2	43.3	43.9	44.8	46.6	47.4	54.0	58.2	60.1	60.5	61.6		
RHmean (%)	82.4	81.2	78.6	78.6	76.4	74.9	73.1	72.6	71.9	72.1	72.3	71.6	71.0	70.1	68.9	67.0	67.3	65.9	66.8	67.5	67.8	68.8	69.4	73.5	75.6	76.7	76.7	77.1		
SShr (hrs)	45.8	49.8	53.3	52.3	54.0	55.5	56.5	55.5	54.8	52.8	50.8	51.3	53.3	50.8	53.8	56.5	56.3	57.8	57.5	58.5	60.3	59.3	56.8	57.0	52.8	56.0	56.0	54.8		
WD (deg)	203	215	201	196	195	199	203	196	204	196	199	207	200	193	203	203	201	203	208	214	221	215	223	218	207	209	205	205		
WS(Km/hr)	6.7	6.9	6.2	6.0	5.9	5.6	6.1	5.9	5.1	5.7	5.8	6.2	6.6	6.9	6.8	7.0	7.1	7.3	7.7	7.9	8.6	8.7	8.9	9.4	9.7	10.0	11.1	10.6		
Stages																														
Favorable environment	15-20° C			20-30° C									20-32° C				20-32° C						24-32° C							
Temperature	15-20° C			20-30° C									20-32° C				20-32° C						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: 50-80%																													
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 rainfall (October-December) and early rainfall 15-20 mm (February-April)																													
Cloudy weather	Cloudy																													
Drought	Warm and dry weather creates moisture stress																													
Duration of stay wet (day)	2 to 5 days																													
Hailstorms	Early and seasonal rainfall with hailstorms																													
Wind speed (Km/hr.)	40 Km/hr or more																													
Temperature (°C)	32.5-35.5° C																													

Crop Weather Calendar of Kharif Eggplant: Chattogram Region (Districts: Chattogram, Lakshmpur, Coxsbazar, Noakhali and Feni) Bangladesh

Region:Chattogram	Eggplant: Kharif season												Life span: 110-120 days				
Months	April				May				June				July				
Std.Week/Normal	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Rainfall (mm)	21.3	27.0	34.3	36.0	62.7	61.3	70.3	88.7	88.0	119.3	161.0	180.7	197.3	201.7	156.0	189.0	173.3
Max. Temp. (°C)	32.1	32.6	32.7	32.9	32.8	32.9	32.8	32.5	32.3	32.1	31.5	31.3	30.9	30.7	31.1	30.7	30.9
Min. Temp. (°C)	23.5	24.0	24.4	24.5	24.5	24.8	25.2	25.2	25.6	25.6	25.4	25.4	25.2	25.4	25.3	25.2	25.3
Mean Temp. (°C)	27.8	28.3	28.6	28.7	28.7	28.9	29.0	28.9	29.0	28.8	28.5	28.3	28.1	28.0	28.2	27.9	28.1
RHmax (%)	93.3	92.9	92.6	92.8	92.9	93.3	93.5	93.9	94.0	94.9	95.3	95.1	95.9	96.0	95.7	96.1	95.8
RHMin (%)	60.1	60.5	61.6	62.0	62.3	64.1	66.1	68.9	70.2	71.9	74.8	75.3	77.3	77.7	76.4	77.6	76.3
RHmean (%)	76.7	76.7	77.1	77.4	77.6	78.7	79.8	81.4	82.1	83.4	85.1	85.2	86.6	86.9	86.0	86.9	86.1
SShr (hrs)	56.0	56.0	54.8	55.3	52.8	55.0	48.0	42.8	40.3	36.8	28.0	28.0	25.3	24.0	29.0	25.5	30.0
WD (deg)	209	205	205	202	199	203	199	186	185	182	177	174	173	173	173	174	174
WS(Km/hr)	10.0	11.1	10.6	10.6	10.1	10.0	10.1	10.0	10.2	9.8	10.5	11.0	10.9	10.7	10.8	10.9	10.3
																	
Stages	Germination and Seedling Planting				Vegetative Growth				Flowering		Fruiting		Harvesting				
Favorable environment																	
Temperature	20-22° C				22-32° C				24-32° C		24-32° C		24-32° C				
Relative Humidity	60-75%																
Soil Temperature	22-27 ° C																
Sunshine Hour	8-10 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%																
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Fruit rot	Temperature:28-32° C ,RH: 55-75%																
Weather warning																	
Rainfall (mm)	Early rainfall (15-20 mm)									40 mm or more than							
Cloudy weather	Cloudy																
Drought	Warm and dry weather cause moisture stress																
Duration of soil remain wet (day)	3 to 5 days (water stagnant)																
Hailstorms	Early rainfall with hailstorms																
Wind speed (Km/hr.)	40 Km/hr or more																
Temperature (°C)	36.5- 38.5° C																