Crop Weather Calendar of Rabiseason Cucumber: Chattogram Region (Districts: Chattogram, Cox's Bazar, Noakhali, Feni, Laxmipur) Bangladesh

Region: Chattogram		Rabi seasonCucumber										Life Span: 110-120 days							
Months	October					November						December		January					
Std.Week/Normal	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4		
Rainfall (mm)	66.7	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		
Max. Temp. (°C)	32.2	31.9	32.1	31.9	31.5	31.2	30.5	29.9			27.8	26.9	26.6	26.5	26.1	26.6	26.9		
Min. Temp. (°C)	25.0	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		
Mean Temp. (°C)	28.6	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		
RHmax (%)	96.0	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		
RHMin (%)	69.9	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		
RHmean (%)	82.9	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		
SShr (hrs)	42.8	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		
WD (deg)	209	203	215	201	196	195	199	203	196	204	196	199	207	200	193	203	203		
WS(Km/hr)	6.8	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		
Stage	Coasting & Coalling					agestive grouth				8 fruit		Lian casting.							
Favorable environment	Spouting & Seedling ve					egetative growth Flowering &					ıng	Harvesting							
Temperature	25.0	C-30°C Bal	ow 15 °C and	ahove 35	°C gro	wth wil	l ha rat	ard · h	igh ton	nnerat	ura lo	l ong day length and l	nigh light intensi	ty hamnere	d famala flov	ver production	١٠		
Relative Humidity		C 30 C, DCN	SW 15 C dild	above 33	C gio	VV CIT VVII							iigh light lifterish	ty nampere	a remaie nov	ver production	',		
Soil Temperature	60% to 70% during the day and higher at night $$15.5^{\rm o}{\rm C}$ - 32 $^{\rm o}{\rm C}$																		
Sunshine Hour								6				o thrive							
Favorable conditions for inse	ects and diseas	es																	
Fruit fly								Abun	dance	increa	ses wh	nen the temperatur	es fall below 32°	C (10 to 30	°C), RH: 60 to	o 70%			
Pumpkin beetle					Temp	erature	: 25-38					,		,					
Epilachna beetle					Temp	erature	:22-35	º C,RH	: 50-70	%									
Bacterial angular leaf spot				23	°C to 28	3°C, RH	:85% to	95% c	r abov	e, Favo	ored b	y rainy weather and	d humid conditio	n					
Cucumber mosaic virus			26	°Cto 32°0	C, diseas	se deve	lopmer	nt favo	red by	certair	n rising	g of temperature, ra	ainfall and relativ	e humidity					
Weather warning																			
Rainfall (mm)							20-	30 mn	າ (Crea	tes wa	ter log	gging condition)							
Cloudy weather									Clo	oudy co	onditio	on							
Drought								Drougl	nt due	to exc	essive	dry weather							
Duration of staying wet							2 to 3	days if	the w	ater st	agnan	t condition prevail							
Hailstorm	Late season rainfall with hailstorms																		
Wind spread (Km/hr.)	40 Km/hr or more																		
Temperature (°C)	Below 15 °C and above 35 °C growth will be retard; high temperature, long day length and high light intensity hampered female flower production																		

Crop Weather Calendar of Kharif seasonCucumber:Chattogram Region (Districts: Chattogram, Cox's Bazar, Noakhali, Feni, Lakshmipur) Bangladesh

Region: Chattogram				season Cucumb		9 ,				Life Span: 90				
Months	Α	pril				Ju	July							
Std.Week/Normal	16	17	18	19	20	21	22	23	24	25	26	27	28	
Rainfall (mm)	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	
Max. Temp. (°C)	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	
Min. Temp. (°C)	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	
Mean Temp. (°C)	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	
RHmax (%)	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	
RHMin (%)	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	
RHmean (%)	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	
SShr (hrs)	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	
WD (deg)	205	202	199	203	199	186	185	182	177	174	173	173	173	
WS(Km/hr)	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	
	3			AC		3								
Stage	S	pouting & Seedl	ing	ve	getative growth	1		Flowering & fruiting			Harvesting			
Favorable environment														
Temperature			25 °C -30 °C , B	elow 15 °C and abo	ove 35 °C growth	will be retard; hig	h temperature	e, long day lenç	gth and high light in	tensity hampere	d female flower p	oroduction;		
Relative Humidity						60% to 70% du			ght					
Soil Temperature							15.5° C - 32 °							
Sunshine Hour						6 to 8	hr of sunlight	to thrive						
Favorable conditions for inse	cts and diseas	ses												
Fruit fly							,	Abundance in	creases when the	temperatures	s fall below 32 ^o	°C (10 to 30 °C), F	H: 60 to 70%	
Pumpkin beetle					Tem	perature: 25-38								
Epilachna beetle					Temp	erature:22-35 º	C, RH: 50-70	0%						
Bacterial angular leaf spot				23°C	to 28 °C, RH:85	% to 95% or abo	ve, Favored	by rainy weat	ther and humid c	ondition				
Cucumber mosaic virus									ature, rainfall and		dity			
Weather warning														
Rainfall (mm)						20-30 mm (Cre	atos water la	ogging conditi	ion\					
Cloudy weather							loudy condit		1011)					
Drought Drought									r					
Duration of staying wet	Drought due to excessive dry weather 2 to 3 days if the water stagnant condition prevail													
Hailstorm	Early and seasonal rainfall with hailstorms													
						·			1113					
Wind speed (Km/hr.)						A 1) Km/hr or m	oro						