Region: Barisal Months Std. Week/Normal Rainfall (mm) Max. Temp. (°C) Min. Temp. (°C) Mean Temp. (°C) RH max (%)	44 19.3	No 45	ovember			Rabi sea		nber						L	ite span 1	00-120 da	iy i				
Std. Week/Normal Rainfall (mm) Max. Temp. (°C) Min. Temp. (°C) Mean Temp. (°C)	19.3		ovember			Rabi season Cucumber											Life span 100-120 day				
Rainfall (mm) Max. Temp. (°C) Min. Temp. (°C) Mean Temp. (°C)	19.3	15			1		Dece				-	uary	1	February							
Max. Temp. (°C) Min. Temp. (°C) Mean Temp. (°C)		-	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8				
Min. Temp. (°C) Mean Temp. (°C)		100.0	9.0	6.0	7.0	1.7	4.0	1.3	0.7	1.3	1.0	1.0	1.7	2.7	3.7	5.0	8.0				
Mean Temp. (°C)	31.0	31.2	29.6	29.3	28.3	27.8	27.0	26.2	25.7	25.1	25.2	25.8	26.2	27.0	27.8	28.9	29.7				
	22.1	26.0	19.6	18.4	16.7	15.6	14.9	14.0	13.1	12.6	12.5	12.7	12.5	14.0	14.6	16.2	16.9				
PH may (0/)	26.5	28.6	24.8	23.9	22.5	21.7	21.0	20.1	19.4	18.9	18.9	19.2	19.4	20.5	21.2	22.5	23.3				
<u>кп IIIdX (%)</u>	97.8	97.4	97.8	97.8	97.8	98.0	97.9	98.2	98.2	98.0	97.8	97.6	97.6	97.3	97.1	97.0	97.0				
RH Min (%)	63.2	78.9	56.6	53.7	51.8	50.6	50.9	50.7	50.3	50.1	49.3	48.5	45.2	46.2	44.8	46.2	45.1				
RH mean (%)	80.5	88.2	77.2	75.8	74.8	74.3	74.4	74.4	74.3	74.1	73.6	73.1	71.4	71.7	70.9	71.6	71.0				
SS hr (hrs)	47.0	26.0	49.0	50.0	51.3	48.7	46.3	44.3	43.7	46.7	44.0	47.3	52.7	50.3	52.3	51.7	52.0				
WD (deg)	214	173	232	217	212	225	223	212	212	209	211	204	216	217	211	214	211				
WS(Km/hr)	3.5	6.4	2.7	3.3	3.6	3.1	3.4	3.3	3.9	4.5	4.4	4.5	4.3	5.0	4.6	4.9	4.9				
Stage	<u> </u>		vegetativ	e growth			Flowerin	a & fruiting	~	Harvesting											
	<u> </u>	outing & S	beeuling			vegetativ	egiowiii			Flowering & fruiting					naivesuii	9					
Favourable Environment																					
Temperature		25 °C	to 30 °C	, Below 15	°C and abo	ove 35 °C g	rowth will be	-			-	gh light inter	nsity hamper	ed female flo	ower product	ion;					
Relative Humidity							60% to			higher at nig	ght										
Soil Temperature									i ^o C - 32 ^o C												
Sunshine Hour								6 to 8 hr o	f sunlight to	thrive											
Favorable environmental conditions for in	nsects and di	seases																			
Fruit fly										bundance ind	creases whe	n the tempe	ratures fall b	elow 32 °C (10 to 30 °C)	, RH: 60 to 7	0%				
Pumpkin beetle								ature: 25-38													
Epilachna beetle	Temperature:22-35 ° C, RH: 50-70% 23 to 28 °C, RH:85% to 95% or above, Favored by rainy weather and humid condition																				
Bacterial angular leaf spot									,												
Cucumber mosaic virus	26 to 32 °C, disease development favored by certain rising of temperature, rainfall and relative humidity																				
Weather Warning																					
Rainfall					-		20-30	mm (Create	s water logg	ing conditior	ı)	-					-				
Cloudy weather								Clou	dy condition												
Drought							Drou	ght due to	excessive o	dry weathe	r										
Duration of staying wet							2 to 3 days														
Hailstorm	Late season rainfall with hailstorms Early rainfall with hailstorms										ailstorms										
Windspeed	40 Km/hr or more																				
Temperature		Belo	ow 15 °C an	d above 35	5 ^{oc} growth	will be reta	ard; high ter				high light in	tensity han	npered fem	ale flower	production						

Crop Weather Calendar of Rabi season Cucumber: Barisal Region (Districts: Barisal, Potuakhali, Jalokhathi, Borguna & Bhola) Bangladesh

Region: Barisal	Kharif season Cucumber												Life span 130-140 day								
Months			Μ	larch		April					May					July					
Std. Week/Normal	9 1	10 11 12 13 14 15 16 17				17	18 19 20 21 22					23 24 25 2			26	27 28					
Rainfall (mm)	5.7 5.		6.0	14.3	18.0	18.0	21.7	25.0	34.7	40.7	52.7	49.0	69.3	66.7	85.3	105.3	129.7	126.3	129.0	91.7	
Max. Temp. (°C)	30.7 31	.7	32.7	33.0	32.9	33.3	33.7	33.5	33.5	33.6	33.4	33.4	33.2	33.3	32.8	31.9	31.3	31.0	31.0	31.1	
Min. Temp. (°C)	18.3 19	.5	20.5	22.1	22.8	23.7	24.0	24.6	24.4	24.4	25.1	25.2	25.7	26.0	26.1	26.0	26.0	26.0	26.0	26.0	
Mean Temp. (°C)	24.5 25	.6	26.6	27.6	27.9	28.5	28.8	29.1	29.0	29.0	29.3	29.3	29.5	29.6	29.4	28.9	28.6	28.5	28.5	28.6	
RH max (%)	96.7 97	.1	96.7	96.5	96.5	96.6	96.4	96.0	96.0	96.1	96.2	96.1	96.2	96.5	96.4	96.6	97.0	97.3	97.4	97.4	
RH Min (%)	44.9 45	.2	45.3	50.7	54.4	58.0	59.8	61.9	62.5	64.2	65.9	67.5	69.6	70.9	73.2	76.9	79.2	80.6	80.7	79.4	
RH mean (%)	70.8 71	.2	71.0	73.6	75.4	77.3	78.1	78.9	79.3	80.1	81.1	81.8	82.9	83.7	84.8	86.8	88.1	89.0	89.0	88.4	
SS hr (hrs)	53.7 54	.0	54.3	52.3	50.7	53.0	51.3	54.7	51.7	49.0	48.0	46.0	37.3	37.3	30.7	23.0	21.3	20.3	20.3	23.3	
WD (deg)	214 22	26	218	210	198	200	198	197	191	190	192	189	186	187	185	177	179	175	180	175	
WS(Km/hr)	5.1 5.	2	5.4	6.3	6.7	6.9	7.0	7.5	7.2	7.0	7.3	7.1	7.0	7.0	6.3	6.5	6.8	6.5	6.5	6.5	
										Ć		Ň									
Stages	Spout	Spouting & Seedling vegetative grow							tive growth		Flow	vering &	& fruitir	ng		Harvesting					
Favourable Environme	nt			25.00	; to 30 °C , E	alow 15	00 and	ahaya 2	E OC growth u	ill be retard th	ah tama	oratura	long do	u lanath and k	iah liahtini	tonoitu hom	norod fomolo	flower product			
Relative Humidity				25 %	, LO 30 °C, E	Below 15	°C anu	above 3	- V	1% to 70% duri	v 1		<u> </u>	, 0	iigii iigiit iii	lensily nam	pereu iemaie		1011,		
Soil Temperature									00		5.5° C -	;	lighter at	nign							
Sunshine Hour										6 to 8 h			nrive								
												.g									
Favorable environmental co	nditions for	inse	ects and	disease	es	ų															
Fruit fly										abundance increases when the temperatures fall below 32 °C (10 to 30 °C), RH: 60 to 70%								1%			
Pumpkin beetle	Temperature: 25-38° C																				
Epilachna beetle										rature:22-35 °	,										
Bacterial angular leaf spot							001.0		<u>8 °C, RH:85%</u>			,	-								
Cucumber mosaic virus	26 to 32 °C, disease development favored by									certain i	rising of	tempera	iture, raintall a	ind relative	humidity						
Weather Warning																					
Rainfall									20-	30 mm (Crea	tes wat	er loggi	ng conc	dition)							
Cloudy weather											udy co		-	· · · · ·							
Drought										Drought due	to exce	ssive dr	y weath	her							
Duration of staying wet									2 to 3	days if the w	ater sta	gnant c	onditio	n prevail							
Hailstorm										Early and seas	sonal rai	nfall with	h hailsto	rm							
Windspeed										40	<m hr="" o<="" td=""><td>or more</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></m>	or more									
Temperature				Be	elow 15 °C and a	bove 35	5 oc grov	vth will	be retard; hig	h temperatu	e, long	day ler	ngth and	d high light ii	ntensity h	ampered f	emale flow	er production			

Crop Weather Calendar of Kharif season Cucumber: Barisal Region (Districts: Barisal, Patuakhali, Jalokhathi, Borguna & Bhola) Bangladesh