Crop disease weather calendar of the Rabi season Chilli: Barisal Region (Districts: Barisal, Potuakhali, Jalokhathi, Borguna&Bhola ) Bangladesh

	Barisal Region						Ra	ıbi Seaso				e					. , =g		Life s	pan: 180-	185 day		
	Months		Nov	rember			Dec	ember			January Fel					ebruary March							
gu	Max. Temp. (°C)							Vec	tor (Whit	e fly) pop	oulation a	ınd virus t	transmiss	sion incre	ased at 3	5 °C							
warning	Min. Temp. (°C)							Vecto	or (White	fly) pop	ulation ar	nd virus tr	ansmissi	on favore	ed above	15 °C							
	RH Max (%)	Disease development favored by certain rising relative humidity																					
Weather	RH Min (%)					Disease	develop	ment cor	related w	ith relat	ive humic	lity as the	e humidit	y decrea:	sed the di	sease inc	ident decr	eased					
	Rainfall (mm)		Disease development favored by certain rainfall																				
	Std.Week/Normal	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	
ı	Rainfall (mm)	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	5.7	5.3	6.0	14.3	18.0	
weather	Max. Temp. (°C)	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	30.7	31.7	32.7	33.0	32.9	
	Min. Temp. (°C)	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	18.3	19.5	20.5	22.1	22.8	
Weekly normal	RHmax (%)	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	96.7	97.1	96.7	96.5	96.5	
eekly	RHMin (%)	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	44.9	45.2	45.3	50.7	54.4	
Ä	SShr (hrs)	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	53.7	54.0	54.3	52.3	50.7	
		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	5.1	5.2	5.4	6.3	6.7	
Stage			E																	Wh			
		Spou	ting & Se	edling		veg	etative g	rowth		Flow	ering &	fruiting							Harvesti	ng			
	Disease Life Cycle		(	Host cell	(8		T)																
			a	Virus tachment on host cell		Penetratio Replicatio & release		Trar	nsmission		Disease d	evelopmen	t	Virus attachment on host cell to Disease development process continued up to maturity									

Crop disease weather calendar of the Kharif season Chilli(Leaf curl disease): Barisal Region (Districts: Barisal, Potuakhali, Jalokhathi, Borguna& Bhola) Bangladesh

	p disease weather ca Barisal Region		51 (110 14)	10111 000	40011 01	(=00	•	4.000			n Chilli	,			<u>Juanino</u>	iii, oaioi		organ	44 5	<u> </u>	arigiaac	Life span 180-200 day							
	Months	A	pril			May				Jı	une			July August					September					October					
Weather warning	Max. Temp. (°C)	Vector (White fly) population and virus transmission increased at 35 °C																											
	Min. Temp. (°C)	Vector (White fly) population and virus transmission favored above 15 °C																											
	RH Max (%)	Disease development favored by certain rising relative humidity																											
	RH Min (%)							Disea	ase dev	elopme	nt corre	lated wi	th relati	ve hum	idity as	the hum	nidity de	creased	l the di	sease ir	ncident o	decrease	ed						
	Rainfall (mm)											Dis	ease de	velopm	nent fav	ored by	certain r	ainfall											
	Std.Week/Normal	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
her	Rainfall (mm)	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	111.7	115.0	100.0	92.7	95.7	82.3	81.0	73.0	77.7	72.3	75.0	55.3	57.3	41.0	25.0
weather	Max. Temp. (°C)	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	30.08	31.0	31.2	31.2	31.2	31.5	31.5	31.2	31.5	32.0	32.0	31.9	32.1	32.0	31.7
normal	Min. Temp. (°C)	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	26.0	25.9	26.0	26.0	26.0	26.0	26.0	25.9	25.9	26.0	25.5	25.2	25.2	24.3	22.9
	RHmax (%)	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	97.4	97.6	97.4	97.3	97.2	97.3	97.3	97.4	97.7	97.6	98.0	97.9	98.0	97.8	97.8
Weekly	RHMin (%)	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	81.0	80.0	78.9	78.6	79.0	77.6	77.4	77.6	76.4	74.6	73.9	72.3	70.4	68.0	63.7
	SShr (hrs)	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	21.0	25.3	26.0	25.7	26.0	27.3	29.0	28.3	29.3	29.7	33.0	36.7	41.3	44.7	48.7
	Stage		Spouting & Seedling												Flowering & fruiting														
		Spou	iting &	Seedlin	g		(31)	to	veget	ative gr	rowth	200		Flowe	ering &	rruiting			5/2		CALL!			Ha	arvesti	ng			
Disc	Disease Life Cycle		Virus Host cell																										
Discuse Life Cycle			Repl	tration, lication lease		Transmission					Disease development Virus attachment on host of						n host cel	ell to Disease development process continued up to maturity											