${\bf Crop\ Weather\ Calendar\ of}\ {\it Rabi}\ {\bf season\ Tomato:\ Mymensingh\ region\ (Districts:\ Mymensingh,\ Netrokona,\ Jamalpur,\ Sherpur)$

Region: Mymensingh	Tomato-Rabi season												Ouratio		-150 d	ays					
Month		Septe	ember			Oct	ober				Novemb	er			Decem	ber			Jan	uary	
Std.Week/Normal	36	37	38	39	40	41	42	43	44 45 46 47 48 49					50	51	52	01	02	03	04	
Rainfall (mm)	63.0	65.0	79.0	87.0	71.0	52.0	45.0	15.0	7.0	5.0	5.0	0.0	4.0	1.0	3.0	0.0	2.0	0.0	3.0	1.0	0.0
Max. Temp. (°C)	31.4 31.7 31.9 31.7 32.0 31.7 31.6 31.1 30.9 30.3 30.0 28.9 28.3							27.6	26.3	25.4	25.0	24.4	24.0	24.0	25.1						
Min. Temp. (°C)	26.0	26.0	26.0	25.1	25.0	24.3	23.4	21.7	20.9	19.7	28.3	17.0	15.4	15.0	14.0	13.3	12.4	12.0	11.6	11.9	12.0
Mean. Temp. (°C)	28.7 28.9 29.0 28.4 28.5 28.0 27.5 26.4 25.9 25.0 24.2 23.0 21.9							21.3	20.2	19.4	18.7	18.2	17.8	18.0	18.6						
RHmax (%)	94.9	95.3	95.0	95.4	95.6	95.3	95.3	95.4	95.0	95.0	94.6	95.0	95.1	95.3	95.6	95.6	95.3	95.1	94.4	94.4	93.4
RHmin (%)	75.9	74.1	74.1	74.0	72.6	70.3	66.7	62.7	61.0	58.4	55.9	53.0	51.6	52.3	54.1	53.6	53.7	53.6	53.1	`51.4	47.0
RHmean (%)	85.4	84.7	84.6	84.7	84.1	82.8	81.0	79.1	78.1	76.7	75.3	74.0	73.4	73.8	74.9	74.9	74.5	74.4	73.8	72.9	70.2
SShr (hrs)	28.0	30.0	31.0	31.0	40.0	41.0	47.0	53.0	51.0	53.0	52.0	53.0	50.0	49.0	43.0	40.0	42.0	41.0	39.0	41.0	45.0
WD (degree)	151	157	156	167	181	174	193	197	186	181	186	186	193	191	206	199	221	230	236	216	238
WS(Km/hr)	5.6	5.6	5.4	4.4	4.3	3.9	3.7	3.7	3.7	3.9	3.7	3.7	3.7	3.0	3.5	3.7	3.7	3.7	3.7	3.7	3.7
													-								
Stages	Spouting & Seedling Vegetative growth Flowering and Fruting									Harvesting											
Favourable Weather																					
Temperature	18-25 °C																				
Relative humidity	50-70%																				
Soil temperature										20-25	°C										
Sunshine hour										6-8 h	r										
Favourable weath	er for di	sease and	l pest inf	estation																	
White fly	15°C to	32°C, the	optimum		ure for whi					and infest	ation of w	hite fly									
Tomato fruit borer															midity rang						
Leaf miner					Grow b						on le	af miner p	opulation		0.5 °C; <i>F</i>	_	_		_	_	effect
Early blight															0% or grea					ıfall	
late blight											<u> </u>				ative humi	dity 75	to 90%	or grea	ater		
Fungal Wilting		Dry a	tmospheri	c conditio	ns, Max. S	Soil tempe	rature 35°	°C to 43.5°	°C; Mini.	Soil tempe	erature 25°	°C to 30 °C	C; RH: 309	%-50%							
Weather																					
warning			> 20		1 41 1	L C41 '		(C + 1		`											
Rainfall (mm)			≥20 m	ım rainīai	at the end	of the rai	ny season	(Septemb			1''										
Cloudy weather Drought										Cloudy cor	iuition	Г	rought du	o to overs	ivo dev	aathar					
Drought Duration of staying wet						Lond	l remain	vaterlogge	d for 2 to	A days		L	nought du	e to excess	sive dry w	-amer					
Hailstorm								vateriogge i rainfall w								-					
Windspeed						Li	aic scasul	ı ıanınanı v	1111 1141181	>1111 ≥15 km	ı/hr					1					
Temperature (°C)										≥13 Kiii 30 to 32											
remperature (C)		30 to 32°C																			

Crop Weather Calendar of *Kharif* season Tomato: Mymensingh region (Districts: Mymensingh, Netrokona, Jamalpur, Sherpur)

Region:	Tomato-Kharif season								Duration: 120-150 days													
Mymensingh																						
Month		Feb	ruary				March				A	pril				May				June		
Std.Week/Normal	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	
Rainfall (mm)	2.0	1.0	5.0	7.0	1.0	4.0	6.0	11.0	17.0	20.0	30.0	40.0	36.0	55.0	62.0	69.0	97.0	81.0	96.0	103	98.0	
Max. Temp. (°C)	25.9					31.9	31.3	32.1	32.7	32.0	31.7	31.6	31.9	32.3	32.0	32.0	32.0	31.7	31.4			
Min. Temp. (°C)	13.0	13.7					19.9	20.9	21.9	22.4	22.9	22.9	22.9	23.6	24.0	24.3	25.0	25.6	25.7	26.0		
Mean. Temp. (°C)	19.5	20.2	21.2	22.0	22.9	23.9	24.8	25.9	26.1	27.0	27.6	27.5	27.3	27.3	27.8	28.2	28.2	28.5	28.8	28.7	28.7	
RHmax (%)	92.6	92.1	91.4	90.6	90.6	90.6	90.1	89.7	90.4	89.9	90.9	91.1	91.3	92.4	92.6	92.7	92.7	94.0	94.1	94.7	95.0	
RHmin (%)	47.9	45.3	45.0	45.1	44.3	43.6	44.6	48.3	54.7	55.0	56.0	61.1	62.6	64.6	66.0	66.4	69.4	71.9	73.0	75.4	76.6	
RHmean (%)	70.3	68.7	68.2	67.9	67.6	67.1	67.4	69.0	72.6	72.5	73.8	76.1	77.0	78.5	79.3	79.6	81.1	83.3	83.6	85.1	85.8	
SShr (hrs)	44.0	48.0	50.0	50.0	51.0	53.0	53.0	48.0	44.0	49.0	49.0	49.0	46.0	44.0	44.0	45.0	39.0	36.0	44.0	26.0	25.0	
WD (degree)	228	218	222	210	214	202	208	179	165	149	146	143	128	126	134	131	126	130	142	138	143	
WS(Km/hr)	3.7	3.9	4.4	5.4	5.0	5.4	5.6	6.3	6.1	7.2	6.8	7.2	7.6	7.4	6.8	7.4	7.4	6.8	6.1	7.4	6.8	
				区	1												>	Y	Y			
Stages		ing & S	eedling			Vegetativ	e growth		Flowering and Fruting							Harvesting						
Favourable Weath	ıer																					
Temperature												18-25	°C									
Relative humidity												50-70)%									
Soil temperature												20-25	°C									
Sunshine hour												6-8	hr									
Favourable weath	er for	diseas	e and p	est infe	station																	
White fly			15°C to	32°C, the	e optimun	n tempera	ture for w							her (high on of white		re) and lov	w humidity	with little	e or no rair	ıfall are		
Tomato fruit borer													1 9.73°C	to 31.44	°C; Aver	age relativ	ve humidit	y ranging i	from 86.18	% to 93.61	1 %	
Leaf miner													and sig	nificant e <u>f</u>	fect on led	ıf miner po	opulation			uinfall had	•	
Early blight								Γ							rainfall					derately to		
late blight									Temp	erature:	15-27°C	, prolong	ed hot dry	days incre	eased dise	ase infesta	tion; relati	ive humidi	ty 75 to 90	% or great	ter	
Fungal Wilting			Dry atmo	ospheric	condition	s, Max. S	oil temper		°C to 43.: -50%	5°C; Miı	ni. Soil te	emperatur	e 25°C to	30 °C; RF	I:							
Weather warning																						
Rainfall (mm)						≥20 mm	rainfall a	at the end	of the ra	iny seas	on (Septe	ember-Ju	ne)									
Cloudy weather												Cloudy co										
Drought												<u> </u>				Drought ((moisture s	stress) due	to excessi	ve dry wea	ther	
Duration of staying w	/et							ı		Land re	nain wat	erlogged	for 2 to 4	davs						*		

Hailstorm	Late season rainfall with hailstorm								
Windspeed	≥15 km/hr								
Temperature (°C)		30 to 32°C							

Region: Mymensingh	Tomato-Kharif season												Dura	tion: 120	0-150 da	ays					
Month		Febr	uary				March				A	pril		May						June	
Std.Week/Normal	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Rainfall (mm)	2.0	1.0	5.0	7.0	1.0	4.0	6.0	11.0	17.0 20.0 30.0 40.0 36.0 55.0					55.0	62.0	69.0	97.0	81.0	96.0	103	98.0
Max. Temp. (°C)	25.9	26.6	27.4	28.1	29.1	31.3	32.1	32.7	32.0	31.7	31.6	31.9	32.3	32.0	32.0	32.0	31.7	31.4			
Min. Temp. (°C)	13.0	13.7	15.0	15.9	16.6	17.4	18.6	19.9	20.9	21.9	22.4	22.9	22.9	22.9	23.6	24.0	24.3	25.0	25.6	25.7	26.0
Mean. Temp. (°C)	19.5	20.2	21.2	22.0	22.9	23.9	24.8	25.9	26.1	27.0	27.6	27.5	27.3	27.3	27.8	28.2	28.2	28.5	28.8	28.7	28.7
RHmax (%)	92.6	92.1	91.4	90.6	90.6	90.6	90.1	89.7	90.4	89.9	90.9	91.1	91.3	92.4	92.6	92.7	92.7	94.0	94.1	94.7	95.0
RHmin (%)	47.9	45.3	45.0	45.1	44.3	43.6	44.6	48.3	54.7	55.0	56.0	61.1	62.6	64.6	66.0	66.4	69.4	71.9	73.0	75.4	76.6
RHmean (%)	70.3	68.7	68.2	67.9	67.6	67.1	67.4	69.0	72.6	72.5	73.8	76.1	77.0	78.5	79.3	79.6	81.1	83.3	83.6	85.1	85.8
SShr (hrs)	44.0	48.0	50.0	50.0	51.0	53.0	53.0	48.0	44.0	49.0	49.0	49.0	46.0	44.0	44.0	45.0	39.0	36.0	44.0	26.0	25.0
WD (degree)	228	218	222	210	214	202	208	179	165	149	146	143	128	126	134	131	126	130	142	138	143
WS(Km/hr)	3.7	3.9	4.4	5.4	5.0	5.4	5.6	6.3	6.1	7.2	6.8	7.2	7.6	7.4	6.8	7.4	7.4	6.8	6.1	7.4	6.8
Çı.																					
Stages Favourable Weat	Spouting & Seedling Vegetative growth Flowering and Fruting Harvesting																				
Temperature Relative humidity	26-32 °C																				
	50-80% 22-26°C																				
Soil temperature Sunshine hour											8-10 hr										
Favourable weath	on for d	lianaan i	and nos	t infaata	tion						8-10 III					1					
White fly						for white	fly manula	stion build	lum is 20	9C to 24	°C. Hot.	vyooth on (k	iah tampa	rature) and	Harr						
winte my	13	C 10 32				no rainfall								rature) and	1 10W						
Tomato fruit borer			Hui	marty wi	in nitic or	no rannan	the conde							lity rangin	g from 86.	18% to 9°	3.61 %				
Leaf miner					Grow	best at 29.	5°C to 32.							t 34.18°C		10,0 00).	70				
													ner popula								
Early blight					Disease									ity 90% or	greater,						
									noderate	ly to hear	vy rainfa	11									
Wilting	Dry a					mperature °C; RH: 3		3.5°C;													
Weather																					
warning																					
Rainfall (mm)					-	<u>-</u>	Early ra	ainfall (15	-20 mm)				<u> </u>	<u>-</u>		M	Iore than	40 mm r	ainfall in	the seaso	n
Cloudy weather		-	-	-			·	·	-	Clo	udy cond	dition			·	-		-	-		-
Drought		-	-	-			·	·	Drou	ght due t	o excess	ive dry w			·	-		-	-		
Duration of													Land	remain wa	terlogged	for 2 to $\overline{5}$	days				
staying wet										.	0.11	4 9									
Hailstorm											ntall with	h hailstorr	n								
Windspeed									≥40 km	ı/nr	>25.00										
Temperature (°C)											≥35 °C										