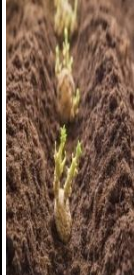



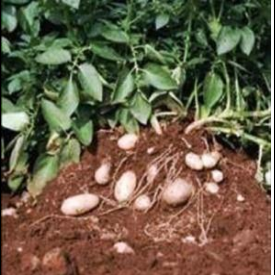




Crop Weather Calendar of Potato: Mymensingh Region (Districts: Mymensingh, Kishoregonj, Jamalpur, Netrokona, Sherpur), Bangladesh

Region: Mymensingh	Potato											Time duration : 105 days			
Months	October			November				December				January			
Std. Week/Normal	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4
Rainfall (mm)	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)	31.6	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)	23.4	21.7	20.9	19.7	18.3	17.0	15.4	15.0	14.0	13.3	12.4	12.0	11.6	11.9	12.0
Mean Temp. (°C)	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 (%)	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 (%)	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
RHmean (%)	81.0	79.1	78.0	76.7	75.3	74.0	73.4	73.8	74.9	74.6	74.5	74.4	73.8	72.9	70.2
SShr (hrs)	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 (deg)	193	197	186	181	186	186	193	191	206	199	221	230	236	216	238
WS(Km/hr)	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				Tuber set/ initiation			Tuber bulking/ development			Maturity		Harvesting

Favorable Weather Conditions						
Temperature	18-21°C		10-18°C		Day temperature 18-20 °C and night temperature <15°C	15-18°C
SShr (hrs)	At least 6-9		At least 6-9		At least 6-9	
RH(hr)	65-80%		65-80%		65-80%	
Soil temp.(°C)	15-18°C					
Rainfall (mm)	400-600 mm					
Normal Phase wise water requirement (mm)	400-450 mm		400-450 mm		400-450 mm	

Favorable Weather Condition for Pests & Diseases					
Late Blight	Temperature 16-20°C. Cold and humid weather is congenial for spreading the disease. Low night temperature and high humidity associated with drizzling, fog and accumulation of dew on leaves. If this situation occurs, the disease becomes epidemic.				
Bacterial wilt	High Night Temperature (28-30°C) and Relative Humidity(RH) 80-90%.				
Fusarium wilt	High Night Temperature (28-30°C) and Relative Humidity(RH) 80-90%.				
Potato Leaf Roll Virus	Average temperature 18-20°C and Relative Humidity (RH) 70% (for Vector)				
Termite	Foggy and Cloudiness and abnormal high temperature				
Potato Wire Worm	Soil temperature 10-27°C				

Weather Warning			
Rainfall	>25 mm/day	>100 mm/day	>25 mm/day
Duration of wet spell	>25 mm for 2 days	>50 mm for 3 days	>25 mm for 3 days
Cloudy Weather		Cloudy Weather	Cloudy Weather
Drought	>10 days	>15 days	>15 days
High Winds		>30KM/HR	>30KM/HR
Hail storm	Hail storm	Hail storm	Hail storm
Temperature		Min temp < 10°C and Max. Temp >30°C	