



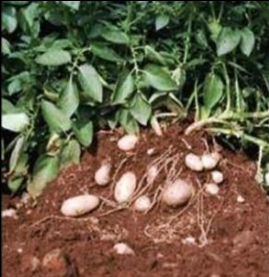




Crop Weather Calendar of Potato:RajshahiRegion (Districts:Rajshahi, Chapainawabganj, Naogaon and Natore), Bangladesh

Region:Rajshahi	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)	23.0	12.0	7.0	5.0	1.0	0.0	2.0	1.0	3.0	0.0	4.0	1.0	1.0	2.0	1.0	
Max. Temp. (°C)	31.7	31.0	30.4	30.4	29.6	28.9	28.3	27.0	26.0	25.4	24.4	24.0	23.9	24.0	24.9	
Min. Temp. (°C)	23.1	21.4	20.7	19.3	17.6	16.6	15.0	14.0	13.1	12.4	11.6	11.0	10.9	10.9	10.9	
Mean Temp. (°C)	27.4	26.2	25.6	24.9	23.6	22.8	21.7	20.5	19.6	18.9	18.0	17.5	17.4	17.5	17.9	
RHmax (%)	96.1	96.0	95.9	96.1	95.7	95.3	94.7	94.7	95.9	95.3	95.7	95.6	95.1	95.3	95.3	
RHMin (%)	60.9	57.4	55.9	51.9	49.4	47.4	45.6	46.9	50.1	50.0	50.0	50.1	48.4	47.9	45.7	
RHmean (%)	78.5	76.7	75.9	74.0	72.6	71.4	70.2	70.8	73.0	72.7	72.9	72.9	71.8	71.6	70.5	
SShr (hrs)	53.0	56.0	55.0	57.0	54.0	55.0	55.0	51.0	47.0	46.0	44.0	42.0	42.0	46.0	52.0	
WD (deg)	146	146	122	137	151	146	145	143	146	144	167	146	161	174	196	
WS(Km/hr)	3.9	4.3	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.9	3.7	3.7	4.4	
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	At least 6-9
RH(hr)	65-80%	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	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	Fogy 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	