



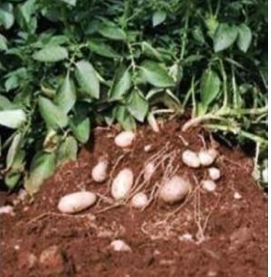
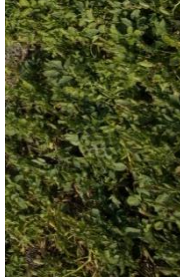



**Crop Weather Calendar of Potato:KhulnaRegion (Districts:Khulna, Satkhira, Bagerhat and Narail)), Bangladesh**

Region:Khulna	Potato								Time duration : 105 days						
Months	November				December				January			February			
Std.Week/Normal	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7
Rainfall (mm)	13.0	8.0	3.0	3.5	1.0	4.0	0.0	1.0	3.0	1.5	0.0	3.5	5.5	6.5	5.0
Max. Temp. (°C)	31.0	30.1	29.5	28.5	27.7	27.0	26.0	25.6	25.0	25.0	25.8	26.2	27.0	27.7	29.0
Min. Temp. (°C)	20.6	19.3	18.0	16.3	15.3	14.5	13.4	12.6	12.2	12.2	12.7	12.4	13.9	14.5	16.2
Mean Temp. (°C)	25.8	24.7	23.7	22.4	21.5	20.7	19.7	19.1	18.6	18.6	19.2	19.3	20.4	21.1	22.6
RHmax (%)	95.6	95.9	95.8	95.5	94.7	95.7	95.8	95.7	95.4	95.2	94.9	94.9	95.1	94.5	94.3
RHMin (%)	53.9	51.3	49.0	46.7	47.3	48.8	49.2	47.8	48.7	46.9	46.8	44.3	44.9	43.4	43.9
RHmean (%)	74.7	73.6	72.4	71.1	71.0	72.2	72.5	71.7	72.0	71.0	70.8	69.6	70.0	69.0	69.1
SShr (hrs)	53.5	52.5	53.5	53.0	52.0	49.5	48.0	48.5	47.0	46.5	49.5	53.0	52.5	53.5	55.5
WD (deg)	176	189	197	197	194	189	181	177	175	182	198	198	190	193	209
WS(Km/hr)	4.1	3.8	4.3	4.3	4.0	4.5	4.1	4.6	4.6	4.7	4.3	4.6	4.9	5.0	4.8
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.		
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	