

Crop Weather Calendar (India)

CROP WEATHER CALENDAR

3

STATE : MADHYA PRADESH

CROP : WHEAT

VARIETY : WH-147, LOK-1, C-306,
HDM-1553, N-4

SOIL : SANDY LOAM, CLAY LOAM,
BLACK COTTON, ALLUVIAL

DISTRICTS : GWALIOR, DATIA,
SHIVPURI, GUNA

IRRIGATED/NON-IRRIGATED

DURATION : 110-145 DAYS








Weather warnings	Rain	> 50 MM/DAY				> 100 MM/DAY				> 150 MM/DAY																						
	Duration of wet spell	> 50 MM FOR 3-4 DAYS				> 75 MM FOR 3-4 DAYS				> 90 MM FOR 3-4 DAYS																						
	Cloudy weather					CLOUDY WEATHER				CLOUDY WEATHER																						
	Drought	20 DAYS				20 DAYS				20 DAYS																						
	High winds	> 50 KM/HR				> 50 KM/HR				> 50 KM/HR																						
	Temperature	MAX. TEMP. > 30°C, MIN. TEMP. < 15°C				MAX. TEMP. > 30°C, MIN. TEMP. < 15°C				MAX. TEMP. > 32°C, MIN. TEMP. < 15°C																						
Weather conditions favourable for incidence of pests and diseases	Hail Storm					HAIL STORM				HAIL STORM																						
	Pests	STEM BORER, APHIDS, TERMITES, ARMY WORMS/CUT WORMS				STEM BORER, APHIDS, TERMITES, ARMY WORMS/CUT WORMS				STEM BORER, APHIDS, TERMITES, ARMY WORMS/CUT WORMS																						
	Weather	CLOUDY WEATHER				CLOUDY WEATHER				CLOUDY WEATHER																						
	Diseases	RUST, LEAF SPOTS, LEAF BLIGHT				RUST, LEAF SPOTS, LEAF BLIGHT				RUST, LEAF SPOTS, LEAF BLIGHT																						
Normal phase wise water requirement(mm)		47				128				77				137				39				TOTAL = 428										
Weekly normal weather	Rainfall(mm) total					1.5	2.2	4.2	8.5	12	1.6	2.0	5.5	3.0	5.7	2.1	1.2	4.7	4.7	3.0	3.0	1.2	0.7	1.3	0.4	1.1						
	Max. temp. °C					20.6	20.4	20.4	20.4	20.5	20.9	23.8	23.5	23.2	23.0	24.0	24.5	24.5	24.8	27.6	28.0	31.2	32.7	33.8	35.0	36.5						
	Min. temp. °C					12.2	11.3	9.8	8.2	7.9	7.5	7.1	6.7	7.4	7.3	7.9	8.5	8.2	10.3	10.9	12.2	13.7	15.1	16.3	17.9	19.0						
	Sunshine hours					9.5	9.4	9.1	8.6	8.9	8.8	9.2	8.3	8.5	8.4	8.9	8.5	9.0	9.8	9.8	9.1	8.6	8.4	9.5	8.7	10.0						
Life history and mean dates of important epochs of crop growth																																
Standard weeks						44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Months						NOVEMBER		DECEMBER					JANUARY					FEBRUARY				MARCH			APRIL							

D.D.G.M.(AGRI-MET), I.M.D:PUNE 2005

D.D.G.M.(AGRIMET),I.M.D:PUNE 2005

Crop Weather Calendar (Bangladesh)

Crop Weather Calendar of Potato: Barishal Region (Districts:Jhalakati, Patuakhali, Pirujpur, Barguna, Barishal, Bhola), Bangladesh

Region:Barishal		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)		25.3	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		
Max. Temp. (°C)		30.5	29.9	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		
Min. Temp. (°C)		21.0	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		
Mean Temp. (°C)		25.7	24.8	23.9	22.5	21.7	21.0	20.1	19.4	18.9	18.9	19.2	19.4	20.5	21.2	22.5		
RHmax (%)		97.7	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		
RHMin (%)		60.7	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		
RHmean (%)		79.2	77.2	75.8	74.8	74.3	74.4	74.4	74.3	74.1	73.6	73.1	71.4	71.7	70.9	71.6		
SShr (hrs)		47.3	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		
WD (deg)		214	232	217	212	225	223	212	212	209	211	204	216	217	211	214		
WS(Km/hr)		3.1	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		
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	