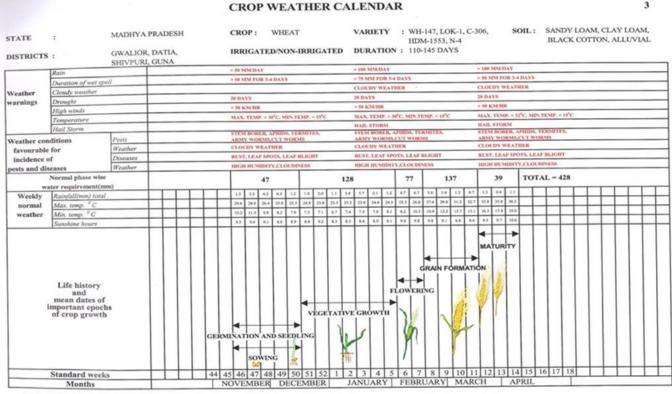
## **Crop Weather Calendars**

The crop-weather calendars are used in agromet-advisory services. With the week as the basic time unit, the compiled information can assist forecasters in framing weather warnings and forecasts directed at farmers. Crop-weather calendars provide information on crop growth stages, normal weather for crop growth, warnings to be issued based on prevailing weather condition, water requirement of crops during their various phenophases and weather conditions favourable for development of crop pests and diseases. These calendars are useful for crop planning, irrigation scheduling and plant protection measures. Information contained in the calendars gives broad indications of the direction of development which may prove useful to the planners, agricultural administrators, plant breeders and the farmers in formulating policy matters regarding plant breeding, crop adoption, drought, supplemental irrigation, maximizing the yield. Crop weather calendars can act as guiding tool while issuing crop weather advisories for the farming community.



3

## Crop Weather Calendar (India)

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	22 22	Potato									Time duration : 105 days					
Months		Noven	nber			Dece	mber			Jan	uary		Febru	Jary		
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															No.	
	Spouting	Seed	ling	vege	tative gr	owth	Tuber	set/ init	iation	1000 C 1000 C 1000	r bulking pment	g/	Mat	turity	Harve	

<b>Favorable Weathe</b>	r 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	
n : / n/ )		- 78	100 500	