














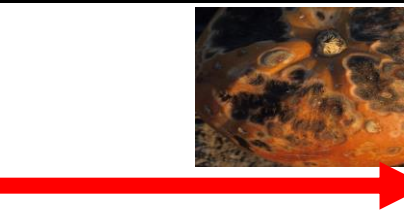


Crop Weather Calendar of Rabi Sweet gourd(Anthracnose disease): Jessore Region (Districts: Jessore, Chuadanga, Meherpur, Jinaidaha, magura, Kustia) Bangladesh

Region: Jessore		Rabi season Sweet Gourd: Anthracnose disease													Life cycle of crop: 140–150 days									
Weather warning	Months	November					December					January			February			March						
	Max. Temp. (°C)	31 °C for disease development																						
	Min. Temp. (°C)	21 °C for disease development:																						
	RH Max (%)	Initial infection required 95% or above relative humidity for 24 hrs.																						
	RH Min (%)	65%																						
	Rainfall (mm)	Frequent rainy and warm weather alone with prolonged leaf wetness favored disease development																						
Weekly normal weather	Std. Week/Normal	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	
	Rainfall (mm)	9.0	8.0	7.5	1.0	2.0	1.5	4.0	0.0	3.5	0.5	1.5	2.5	3.0	6.5	5.0	4.5	8.0	4.0	2.5	4.5	11.5	12.0	
	Max. Temp. (°C)	31.1	31.1	30.3	29.6	28.5	27.7	26.6	25.7	25.2	24.5	24.5	25.1	25.6	26.6	27.8	28.9	30.0	31.0	32.4	33.6	34.7	34.6	
	Min. Temp. (°C)	20.7	19.4	18.0	16.7	15.1	14.0	13.4	12.3	11.4	10.9	10.7	11.0	10.8	12.0	13.3	14.7	15.6	16.4	17.7	19.0	20.8	21.8	
	RH max (%)	95.9	95.9	95.7	95.7	95.4	95.2	95.8	95.5	95.7	95.4	95.3	95.3	94.9	94.9	94.2	94.0	93.7	93.2	92.5	92.1	92.1	92.4	
	RH Min (%)	56.2	52.0	49.8	48.1	46.3	47.2	49.2	49.4	47.9	49.6	47.9	47.0	44.7	44.2	42.2	41.0	39.3	36.5	35.4	34.9	36.7	42.0	
	SS hr (hrs)	45.5	48.5	49.5	47.5	48.5	47.5	43.5	42.0	42.0	41.0	42.5	44.5	48.0	48.5	49.5	50.0	54.5	55.0	54.0	55.0	53.0	51.5	
Growth Stages																								
	Germination & Seedling	vegetative growth										Flowering & fruiting	Harvesting											
Disease Life cycle																								
		Spore landing	Spore germination	penetration	Disease development	After occurrence of disease the disease cycle continued up to fruiting stage and harvesting stage																		

Crop Weather Calendar of Kharif Sweet gourd(Anthracnose disease): Jessore Region (Districts: Jessore, Chuadanga, Meherpur, Jinaidaha, magura, Kustia) Bangladesh

Region: Jessore		Rabi season Sweet Gourd: Anthracnose disease										Life cycle of crop: 140–150 days											
Weather warning	Months	April					May					June			July			August					
	Max. Temp. (°C)	31 °C for disease development																					
	Min. Temp. (°C)	21 °C for disease development:																					
	RH Max (%)	Initial infection required 95% or above relative humidity for 24 hrs.																					
	RH Min (%)	65%																					
	Rainfall (mm)	Frequent rainy and warm weather alone with prolonged leaf wetness favored disease development																					
Weekly normal weather	Std. Week/Normal	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
	Rainfall (mm)	11.5	7.0	12.5	21.5	28.5	30.5	36.0	44.5	38.5	49.5	54.5	81.0	72.5	82.0	72.0	83.5	73.0	63.5	56.0	68.0	48.5	50.5
	Max. Temp. (°C)	35.5	36.1	36.5	36.3	36.0	36.0	35.9	35.5	35.6	35.3	34.0	33.3	33.0	32.7	32.9	32.7	32.7	33.0	32.8	32.7	33.1	33.3
	Min. Temp. (°C)	22.8	23.5	24.1	24.2	24.2	25.2	25.0	25.5	26.0	26.2	26.2	26.1	26.2	26.0	26.1	26.2	26.2	26.0	26.2	26.0	26.1	26.0
	RH max (%)	92.4	92.9	92.4	92.3	92.8	92.7	93.1	93.6	94.0	94.1	94.8	95.7	96.0	96.1	96.1	96.1	96.1	96.0	96.2	96.5	96.2	96.2
	RH Min (%)	41.5	41.6	44.3	46.9	49.9	51.7	54.8	58.7	60.0	62.1	67.5	71.7	73.5	74.4	73.4	74.6	73.4	72.6	73.0	73.0	71.7	71.0
	SS hr (hrs)	55.5	54.5	54.5	55.5	54.0	51.5	52.5	46.5	45.5	41.5	32.0	26.5	26.0	24.5	29.0	25.0	29.5	32.5	30.0	28.0	30.5	32.5
Growth Stages																							
	Germination & Seedling		vegetative growth										Flowering & fruiting			Harvesting							
Disease Life cycle																							
	Spore landing		Spore germination		penetration		Disease development		After occurrence of disease the disease cycle continued up to fruiting stage and harvesting stage														