

Crop: *Kharif* Groundnut

Duration :Medium (120 days)

State: Karnataka

District: Bengaluru ( ACZ :Eastern Dry Zone)

Climatic normal's	JUN				JUL				AUG				SEP				OCT				Nov	
	STD week		Parameter		STD week		Parameter		STD week		Parameter		STD week		Parameter		STD week		Parameter		STD week	
	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44
Rain(mm/week)	24	20	10	8	18	25	25	26	31	24	30	35	31	43	50	53	43	59	34	30	26	26
T max (°C)	30.3	29.2	29.1	29.0	28.8	28.3	28.0	27.8	27.6	27.5	27.5	27.7	27.9	28.1	28.2	28.1	28.1	27.9	28.2	27.7	27.6	26.9
T min (°C)	19.7	19.5	19.3	19.2	19.1	19.1	19.1	19.0	18.8	18.9	18.9	18.8	18.7	18.8	18.8	18.9	18.8	18.7	18.6	18.3	18.0	17.6
RH %(m)	85	86	87	87	88	87	88	90	90	90	90	89	88	89	88	89	89	89	88	87	87	88
RH%(e)	50	54	53	53	54	55	57	58	58	58	58	59	56	58	56	58	59	58	56	58	57	57
WS (kmph)	11.2	12.2	13.8	13.5	12.8	12.0	12.2	11.3	11.1	11.4	10.1	9.1	8.9	7.9	7.4	6.8	6.0	5.9	5.2	5.1	5.5	6.0
BSS (hr/day)	6.6	5.3	5.4	5.4	4.8	4.3	4.3	3.8	4.0	4.3	4.6	5.1	5.5	5.4	5.8	5.9	6.1	5.9	6.1	6.3	6.1	5.5
Evap(mm/week)	43	40	40	41	40	37	35	34	32	33	33	33	34	34	33	35	34	32	32	32	33	32
Rainy days	2	2	2	1	1	1	1	2	2	2	2	2	2	3	2	2	2	2	2	3	2	2



Phenophase wise congenial weather for better yield	Phenophase	Sowing	Seedling	Vegetative	Flowering to pegging	Pod filling	Physiological maturity
	Duration days						
	T max	26-30	24-27	27-31	23-28	25-31	25-31
	T min	18-20	18-20	18-20	18-20	18-22	18-20
	RH %(m)	91-98	93-98	93-98	91-96	80-98	88-98
	RH( %E)	45-65	53-65	49-68	54-61	45-65	45-63
	BSS( hrs/day)	0-8	0-9	0-9	0-6.3	0-9.4	0-8.2
	Rain	96mm	48mm	112mm	77mm	168mm	8mm

Congenial weather for pest attack



High monsoon showers (> 20 mm) in June-July favours enmass emergence of white grub beetles

Consecutive heavy rains in June-July (>20mm) lead to emergence & outbreak of Red headed hairy caterpillar moth

Dry spell >15 days lead to heavy infestation of aphids and/or thrips, leaf minor

Mean RH of >70 % and mean tempr of >20° C for 7 days spreads leaf spot

