

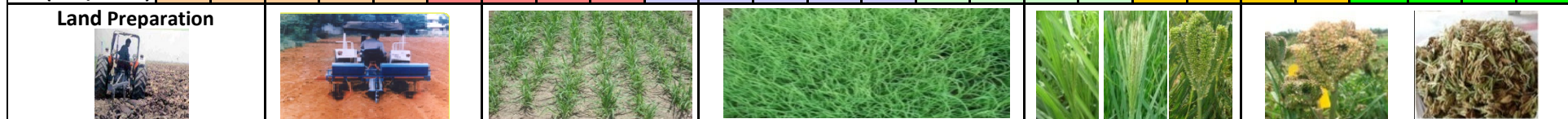
Crop: Kharif Ragi

Duration :Medium (120 days)

State: Karnataka

District: Bengaluru (ACZ:Eastern Dry Zone)

Months	JUNE					JULY				AUGUST					SEPTEMBER				OCTOBER				NOVEMBER			
Std Weeks	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
Rain(mm/week)	29.2	25.3	21.3	10.3	7.8	17.7	25.2	24.2	27.5	32.2	24.1	27.8	35.3	31.8	42.0	48.0	55.6	45.8	62.7	35.2	30.0	25.8	23.5	16.4	13.4	10.7
Rainy Days	2	2	1	1	1	1	2	2	2	2	2	2	3	2	2	2	2	2	3	2	2	2	1	1	1	1
T Max (°C)	31.6	30.3	29.1	29.1	29.0	28.8	28.3	28.1	27.7	27.5	27.5	27.5	27.7	27.9	28.1	28.2	28.1	28.0	27.8	28.1	27.6	27.7	27.0	26.8	26.6	26.6
T Min (°C)	19.9	19.6	19.5	19.3	19.2	19.1	19.0	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	18.2	17.9	17.5	17.5	16.5	16.3
PET (mm/week)	34.5	34.2	32.0	33.1	32.6	31.0	30.2	29.8	28.5	28.2	28.6	28.1	28.1	28.8	27.3	28.6	27.3	26.9	25.8	25.7	25.2	24.5	23.6	23.1	22.4	22.3
SSH (hrs/day)	7.5	6.5	5.1	5.2	5.3	4.8	4.3	4.5	3.9	3.9	4.3	4.7	5.1	5.6	5.6	5.8	5.8	5.8	5.9	6.3	6.4	6.2	5.6	5.8	6.9	6.8
WS (Kmph)	9.7	11.5	12.6	14.3	14.1	13.2	12.5	12.7	11.7	11.5	11.8	10.5	9.5	9.2	8.0	7.6	7.0	6.2	6.1	5.4	5.3	5.6	6.1	6.5	6.3	6.2
EVP mm/week)	6.6	6.2	5.8	5.8	6.0	5.8	5.3	5.2	4.9	4.6	4.9	4.8	4.9	5.0	5.0	4.9	5.1	4.8	4.6	4.6	4.6	4.8	4.6	4.3	4.3	4.6
RH % (m)	83	85	86	87	87	87	87	88	89	89	89	89	89	88	88	88	88	89	89	88	87	87	87	87	87	88
RH % (e)	45	50	53	53	53	53	55	56	58	58	58	57	58	56	57	56	57	59	58	56	57	57	56	57	56	56
AET(mm/week)	30.7	29.4	22.0	9.1	8.7	18.0	24.3	22.9	27.4	28.2	20.8	28.1	28.2	28.8	27.3	28.6	27.3	26.9	25.8	25.7	25.2	27.1	27.2	31.0	29.0	28.5



Optimum Range of different Weather parameters	RANGE	SOWING	TILLERING	GROWTH PHASE	EAR HEAD EMERGENCE AND DEVELOPMENT	MATURITY & HARVEST
	T Max (°C)	27.5-29.0	27.0-28.5	26.7-28.0	27.3-29.3	25.6-29.3
	T Min (°C)	19.0-19.5	19.2-19.5	18.8-19.6	18.2-19.1	15.4-18.6
	RH % (m)	91-94	92-95	93-96	90-95	85-93
	RH % (e)	45-54	56-58	50-58	52-58	47-60
	WS (kmph)	6.8-9.7	7.2-9.0	4.8-9.2	4.8-7.5	5.1-6.9
	Rain(mm/week)	78	107	165	190	121

Congential weather for pest and disease

	T Mean (°C)	19.8 to 26.6	18 to 26.8	16.2 to 26.5	13 to 26.1	11 to 28.5
	RH % (m)	94	92	92	90	90
	RH % (e)	64	64	58	60	66
	Cloudy days	>3 days	>3 days	>3 days	>3 days	>3 days
Percent Incidence						
	Blast	21 to 35.15	15.65 to 45.21	7.92 to 24.52	9.78 to 34.78	7.80 to 38.31
	Neck and Finger Blast	4.80 to 77.70	16.50 to 84.28	29.12 to 96.25	19.99 to 83.70	10.80 to 66.90
	Leaf folder	-	Temperature 25-29° C Relative humidity >80 %			
	Stem borer	Temperature: 25-29° C Relative humidity: 83-95%		-	-	-

