

A P P E N D I X

APPENDIX A

Water requirement of crops and ranking of crops according to net profits.

Crop	Growing period in days	Total water requirement in metre	Net profit per hect. meter of water used in Rs.	Rank
1	2	3	4	5
Grass (Blue panic)	90	0.300	4500	1
Potato	100	1.050	4100	2
Onion (Rabi)	135	1.275	3400	3
Chillies	180	0.750	3297	4
Sunflower (Kharif)	110	0.350	2314	5
Maize	100	0.450	2211	6
Gram	90	0.350	2209	7
Wheat	120	0.525	2120	8
Moong (Kharif)	70	0.350	2043	8
Sunflower (Rabi)	110	0.525	2023	10
Pulses (Kharif)	70	0.350	1954	11
Cotton (long staple)	180	1.050	1860	12
Groundnut (summer)	115	0.900	1790	13
Groundnut (Kharif)	120	0.550	1716	14
Vegetables (Rabi)	120	1.125	1570	15
Banana	525	4.800	1460	16

Cont....

1	2	3	4	5
Jowar (Rabi)	120	0.450	1450	17
Grass (Gajraj)	Perennial	3.625	1337	18
Other perennial crops	-	1.950	1270	19
Sugarcane (Adsali)	540	4.275	1140	20
Turmeric	180	1.725	1120	21
Bajra	95	0.450	1080	22
Sugarcane (Pre season)	450	4.050	960	23
Sugarcane (planted)	410	3.375	930	24
Rice	135	0.825	810	25

Source : Report of the Fact Finding Committee for the Survey of Scarcity Areas of Maharashtra State, 1973.