

Irrigation Capacities in Various Units			Irrigation Capacity At Specified Application Efficiency (inches/day)		% Deficit Replacement of Maximum ET of 0.30 inches/day and Given Application Efficiency		% Deficit Replacement of Maximum ET of 0.25 inches/day and Given Application Efficiency	
			Spray	Poor Spray	Spray	Poor Spray	Spray	Poor Spray
GPM for 120 acre circle	GPM per acre	Inches per day	85%	75%	85%	75%	85%	75%
			180	1.5	0.08	0.07	0.06	23
240	2.0	0.11	0.09	0.08	30	27	36	32
300	2.5	0.13	0.11	0.10	38	33	45	40
360	3.0	0.16	0.14	0.12	45	40	54	48
420	3.5	0.19	0.16	0.14	53	46	63	56
480	4.0	0.21	0.18	0.16	60	53	72	64
540	4.5	0.24	0.20	0.18	68	60	81	72
600	5.0	0.27	0.23	0.20	75	66	90	80
660	5.5	0.29	0.25	0.22	83	73	99	87
720	6.0	0.32	0.27	0.24	90	80	108	95
780	6.5	0.34	0.29	0.26	98	86	117	103
840	7.0	0.37	0.32	0.28	105	93	126	111

Courtesy Jim Bordovsky, Texas AgriLife Research Irrigation Engineer, Halfway, TX.