



# FLOW REGULATORS

## Conversion Factors Based on 30" Spacing

Other Spacing	8"	10"	12"	14"	15"	18"	20"	22"	28"	36"
Conversion Factors	3.75	3.00	2.50	2.14	2.00	1.67	1.50	1.36	1.07	0.83

**NOZZLES**

Orifice Plate No.	Pressure in PSI	Capacity 1 Nozzle in GPM	Gallons Per Acre* 30" Row Spacing				
			4 mph	5 mph	6 mph	8 mph	10 mph
4916-55	5	.133	6.6	5.3	4.4	3.3	2.6
10	.188	9.4	7.5	6.2	4.7	3.7	
20	.266	13.2	10.6	8.8	6.6	5.3	
30	.326	16.1	12.9	10.8	8.1	6.5	
4916-57	5	.141	7.0	5.6	4.7	3.5	2.8
10	.200	9.9	7.9	6.6	5.0	4.0	
20	.283	14.0	11.2	9.3	7.0	5.6	
30	.346	17.1	13.7	11.4	8.6	6.9	
4916-59	5	.152	7.6	6.1	5.0	3.8	3.0
10	.215	10.7	8.6	7.2	5.4	4.3	
20	.304	15.1	12.1	10.1	7.6	6.1	
30	.372	18.6	14.9	12.4	9.3	7.4	
4916-61	5	.166	8.2	6.5	5.4	4.1	3.3
10	.233	11.5	9.2	7.7	5.8	4.6	
20	.330	16.3	13.1	10.9	8.2	6.5	
30	.404	20.0	16.0	13.3	10.0	8.0	
4916-63	5	.174	8.6	6.9	5.7	4.3	3.4
10	.246	12.2	9.7	8.1	6.1	4.9	
20	.347	17.2	13.7	11.5	8.6	6.9	
30	.425	21	16.8	14.0	10.5	8.4	
4916-65	5	.185	9.2	7.3	6.1	4.6	3.7
10	.261	12.9	10.3	8.6	6.5	5.2	
20	.369	18.3	14.6	12.2	9.1	7.3	
30	.452	22	17.9	14.9	11.2	8.9	
4916-67	5	.196	9.7	7.8	6.5	4.9	3.9
10	.278	13.8	11.0	9.2	6.9	5.5	
20	.392	19.4	15.5	12.9	9.7	7.8	
30	.481	24	19.0	15.9	11.9	9.5	
4916-68	5	.203	10.0	8.0	6.7	5.0	4.0
10	.287	14.2	11.4	9.5	7.1	5.7	
20	.405	20	16.0	13.4	10.0	8.0	
30	.496	25	19.6	16.4	12.3	9.8	
4916-70	5	.216	10.7	8.6	7.1	5.3	4.3
10	.306	15.1	12.1	10.1	7.6	6.1	
20	.433	21	17.1	14.3	10.7	8.6	
30	.530	26	21	17.5	13.1	10.5	
4916-72	5	.226	11.2	8.9	7.5	5.6	4.5
10	.320	15.8	12.7	10.6	7.9	6.3	
20	.453	22	17.9	14.9	11.2	9.0	
30	.554	27	22	18.3	13.7	11.0	
4916-73	5	.233	11.5	9.2	7.7	5.8	4.6
10	.330	16.3	13.1	10.9	8.2	6.5	
20	.467	23	18.5	15.4	11.6	9.2	
30	.572	28	23	18.9	14.2	11.3	
4916-75	5	.245	12.1	9.7	8.1	6.1	4.9
10	.347	17.2	13.7	11.5	8.6	6.9	
20	.491	24	19.4	16.2	12.2	9.7	
30	.601	30	24	19.8	14.9	11.9	
4916-78	5	.272	13.5	10.8	9.0	6.7	5.4
10	.385	19.1	15.2	12.7	9.5	7.6	
20	.544	27	22	18.0	13.5	10.8	
30	.667	33	26	22	16.5	13.2	
4916-80	5	.280	13.9	11.1	9.2	6.9	5.5
10	.397	19.7	15.7	13.1	9.8	7.9	
20	.561	28	22	18.5	13.9	11.1	
30	.687	34	27	23	17.0	13.6	
4916-81	5	.290	14.4	11.5	9.6	7.2	5.7
10	.411	20	16.3	13.6	10.2	8.1	
20	.581	29	23	19.2	14.4	11.5	
30	.711	35	28	23	17.6	14.1	
4916-83	5	.317	15.7	12.6	10.5	7.8	6.3
10	.449	22	17.8	14.8	11.1	8.9	
20	.634	31	25	21	15.7	12.6	
30	.777	38	31	26	19.2	15.4	

Orifice Plate No.	Pressure in PSI	Capacity 1 Nozzle in GPM	Gallons Per Acre* 30" Row Spacing				
			4 mph	5 mph	6 mph	8 mph	10 mph
4916-86	5	.332	16.4	13.1	11.0	8.2	6.6
10	.470	23	18.6	15.5	11.6	9.3	
20	.664	33	26	22	16.4	13.1	
30	.813	40	32	27	20	16.1	
4916-89	5	.346	17.1	13.7	11.4	8.6	6.9
10	.490	24	19.4	16.2	12.1	9.7	
20	.693	34	27	23	17.2	13.7	
30	.849	42	34	28	21	16.8	
4916-91	5	.369	18.3	14.6	12.2	9.1	7.3
10	.523	26	21	17.3	12.9	10.4	
20	.739	37	29	24	18.3	14.6	
30	.905	45	36	30	22	17.9	
4916-93	5	.387	19.2	15.3	12.8	9.6	7.7
10	.547	27	22	18.1	13.5	10.8	
20	.774	38	31	26	19.2	15.3	
30	.947	47	38	31	23	18.8	
4916-95	5	.404	20	16.0	13.3	10.0	8.0
10	.572	28	23	18.9	14.2	11.3	
20	.808	40	32	27	20.0	16.0	
30	.990	49	39	33	25	19.6	
4916-98	5	.442	22	17.5	14.6	10.9	8.8
10	.625	31	25	21	15.5	12.4	
20	.884	44	35	29	22	17.5	
30	1.08	53	43	36	27	21	
4916-103	5	0.461	23	18.3	15.2	11.4	9.1
10	0.653	32	26	22	16.2	12.9	
20	0.923	46	37	30	23	18.3	
30	1.13	56	45	37	28	22	
4916-107	5	.518	26	21	17.1	12.8	10.3
10	.733	36	29	24	18.1	14.5	
20	1.04	51	41	34	26	21	
30	1.27	63	50	42	31	25	
4916-110	5	.548	27	22	18.1	13.6	10.9
10	.775	38	31	26	19.2	15.3	
20	1.1	54	44	36	27	22	
30	1.34	66	53	44	33	27	
4916-115	5	.605	30	24	20.0	15.0	12.0
10	.855	42	34	28	21	16.9	
20	1.21	60	48	40	30	24	
30	1.48	73	59	49	37	29	
4916-120	5	.629	31	25	21	15.6	12.5
10	0.89	44	35	29	22	17.6	
20	1.26	62	50	42	31	25	
30	1.54	76	61	51	38	30	
4916-125	5	.693	34	27	23	17.2	13.7
10	0.98	49	39	32	24	19.4	
20	1.39	69	55	46	34	28	
30	1.7	84	67	56	42	34	
4916-128	5	.721	36	29	24	17.8	14.3
10	1.02	50	40	34	25	20	
20	1.44	71	57	48	36	29	
30	1.77	88	70	58	44	35	
4916-132	5	.774	38	31	26	19.2	15.3
10	1.1	54	44	36	27	22	
20	1.55	77	61	51	38	31	
30	1.9	94	75	63	47	38	
4916-136	5	.840	42	33	28	21	16.6
10	1.19	59	47	39	29	24	
20	1.68	83	67	55	42	33	
30	2.06	102	82	68	51	41	
4916-140	5	.894	44	35	30	22	17.7
10	1.27	63	50	42	31	25	
20	1.79	89	71	59	44	35	
30	2.19	108	87	72	54	43	

Orifice Plate No.	Pressure in PSI	Capacity 1 Nozzle in GPM	Gallons Per Acre* 30" Row Spacing				
			4 mph	5 mph	6 mph	8 mph	10 mph
4916-144	5	.926	46	37	31	23	18.3
10	1.31	65	52	43	32	26	
20	1.85	92	73	61	46	37	
30	2.27	112	90	75	56	45	
4916-147	5	.953	47	38	31	24	18.9
10	1.35	67	53	45	33	27	
20	1.91	95	76	63	47	38	
30	2.33	115	92	77	58	46	
4916-151	5	1.04	51	41	34	26	21
10	1.47	73	58	49	36	29	
20	2.08	103	82	69	51	41	
30	2.55	126	101	84	63	50	
4916-156	5	1.1	54	44	36	27	22
10	1.55	77	61	51	38	31	
20	2.2	109	87	73	54	44	
30	2.69	133	107	89	67	53	
4916-161	5	1.15	57	46	38	28	23
10	1.63	81	65	54	40	32	
20	2.31	114	91	76	57	46	
30	2.83	140	112	93	70	56	
4916-166	5	1.21	60	48	40	30	24
10	1.72	85	68	57	43	34	
20	2.43	120	96	80	60	48	
30	2.97	147	118	98	74	59	
4916-170	5	1.3	64	51	43	32	26
10	1.84	91	73	61	46	36	
20	2.61	129	103	86	65	52	
30	3.19	158	126	105	79	63	
4916-172	5	1.36	67	54	45	34	27
10	1.92	95	76	63	48	38	
20	2.71	134	107	89	67	54	
30	3.32	164	131	110	82	66	
4916-177	5	1.41	70	56	47	35	28
10	2	99	79	66	50	40	
20	2.83	140	112	93	70	56	
30	3.46	171	137	114	86	69	
4916-182	5	1.47	73	58	49	36	29
10	2.08	103	82	69	51	41	
20	2.95	146	117	97	73	58	
30	3.61	179	143	119	89	71	
4916-187	5	1.56	77	62	51	39	31
10	2.21	109	88	73	55	44	
20	3.12	154	124	103	77	62	
30	3.82	189	151	126	95	76	
4916-196	5	1.73	86	69	57	43	34
10	2.45	121	97	81	61	49	
20	3.46	171	137	114	86	69	
30	4.24	210	168	140	105	84	
4916-205	5	1.88	93	74	62	47	37
10	2.65	131	105	87	66	52	
20	3.75	186	149	124	93	74	
30	4.59	227	182	151	114	91	
4916-218	5	2.11	104	84	70	52	42
10	2.98	148	118	98	74	59	
20	4.21	208	167	139	104	83	