

REGULATOR WITH ORIFICE PLATE NO.	PRESSURE IN P.S.I.	CAPACITY IN G.P.M.	GALLONS PER ACRE AT VARIOUS RIG SPEEDS BASED ON SPRAYING WATER AT 20" NOZZLE SPACING						REGULATOR WITH ORIFICE PLATE NO.	PRESSURE IN P.S.I.	CAPACITY IN G.P.M.	GALLONS PER ACRE AT VARIOUS RIG SPEEDS BASED ON SPRAYING WATER AT 20" NOZZLE SPACING						REGULATOR WITH ORIFICE PLATE NO.	PRESSURE IN P.S.I.	CAPACITY IN G.P.M.	GALLONS PER ACRE AT VARIOUS RIG SPEEDS BASED ON SPRAYING WATER AT 20" NOZZLE SPACING														
			2 M.P.H.	3 M.P.H.	4 M.P.H.	5 M.P.H.	6 M.P.H.	10 M.P.H.				2 M.P.H.	3 M.P.H.	4 M.P.H.	5 M.P.H.	6 M.P.H.	10 M.P.H.				2 M.P.H.	3 M.P.H.	4 M.P.H.	5 M.P.H.	6 M.P.H.	10 M.P.H.									
			1	3	5	10	15	20				25	30	40	60	80	100				1	3	5	10	15	20	25	30	40	60	80	100	1	3	5
4916-55	1	.06	8.8	5.9	4.4	2.9	2.2	1.8	4916-78	1	.122	18.1	12.0	9.0	6.0	4.5	3.6	4916-107	1	.232	34	23	17.2	11.5	8.6	6.9	4916-120	1	.282	42	28	21	14.0	10.5	8.4
	3	.103	15.3	10.2	7.7	5.1	3.8	3.1		3	.211	31	21	15.7	10.4	7.8	6.3		3	.402	60	40	30	20	14.9	12.0		3	.489	73	48	36	24	18.1	14.5
	5	.133	19.8	13.2	9.9	6.6	4.9	3.9		5	.272	40	27	20	13.5	10.1	8.1		5	.520	77	51	39	26	19.3	15.4		5	.631	94	62	47	31	23	18.7
	10	.188	28	18.4	14.0	9.3	7.0	5.6		10	.385	57	38	29	19.1	14.3	11.4		10	.735	109	78	55	36	27	22		10	.892	132	88	66	44	33	26
	15	.231	34	23	17.1	11.4	8.6	6.8		15	.472	70	47	35	25	17.5	14.0		15	.900	134	89	67	45	33	27		15	1.09	162	108	81	54	41	32
	20	.264	40	26	20	13.2	9.9	7.9		20	.544	81	54	40	27	20	16.2		20	1.04	154	103	77	51	39	31		20	1.26	187	125	94	62	47	37
	25	.298	44	29	22	14.7	11.0	8.8		25	.609	90	60	45	30	23	18.1		25	1.16	173	115	86	58	43	35		25	1.41	209	140	105	70	52	42
	30	.326	48	32	24	16.1	12.1	9.7		30	.667	99	66	50	33	25	19.8		30	1.27	189	126	94	63	47	38		30	1.55	229	153	115	76	57	46
	40	.374	54	37	28	18.6	14.0	11.2		40	.770	114	76	57	38	29	23		40	1.47	218	145	109	73	55	44		40	1.78	265	177	132	88	66	53
	60	.461	68	46	34	23	17.1	13.7		60	.943	140	93	70	47	35	28		60	1.80	267	178	134	89	67	53		60	2.19	324	216	162	108	81	65
80	.532	79	53	40	26	19.8	15.8	80	1.09	162	108	81	54	40	32	80	2.08	309	206	154	103	77	62	80	2.52	375	250	187	125	94	75				
100	.595	88	59	44	29	22	17.7	100	1.22	181	120	90	60	45	36	100	2.32	345	230	172	115	86	69	100	2.82	419	279	209	140	105	84				
4916-59	1	.068	10.2	6.8	5.1	3.4	2.5	2.0	4916-86	1	.148	22	14.7	11.0	7.3	5.5	4.4	4916-107	1	.232	34	23	17.2	11.5	8.6	6.9	4916-120	1	.282	42	28	21	14.0	10.5	8.4
	3	.119	17.6	11.7	8.8	5.9	4.4	3.5		3	.257	38	25	19.1	12.7	9.5	7.6		3	.402	60	40	30	20	14.9	12.0		3	.489	73	48	36	24	18.1	14.5
	5	.153	23	15.1	11.4	7.6	5.7	4.5		5	.332	49	33	25	16.4	12.3	9.9		5	.520	77	51	39	26	19.3	15.4		5	.631	94	62	47	31	23	18.7
	10	.216	32	21	16.1	10.7	8.0	6.4		10	.469	70	46	35	23	17.4	13.9		10	.735	109	78	55	36	27	22		10	.892	132	88	66	44	33	26
	15	.265	39	26	19.7	13.1	9.8	7.9		15	.575	85	57	43	28	21	17.1		15	.900	134	89	67	45	33	27		15	1.09	162	108	81	54	41	32
	20	.306	45	30	23	15.1	11.4	9.1		20	.664	99	66	49	33	25	19.7		20	1.04	154	103	77	51	39	31		20	1.26	187	125	94	62	47	37
	25	.342	51	34	25	16.9	12.7	10.2		25	.742	110	73	55	37	28	22		25	1.16	173	115	86	58	43	35		25	1.41	209	140	105	70	52	42
	30	.375	56	37	28	18.5	13.9	11.1		30	.813	121	80	60	40	30	24		30	1.27	189	126	94	63	47	38		30	1.55	229	153	115	76	57	46
	40	.435	64	43	32	21	16.1	12.9		40	.939	135	93	70	46	35	28		40	1.47	218	145	109	73	55	44		40	1.78	265	177	132	88	66	53
	60	.530	79	52	39	26	19.7	15.7		60	1.15	171	114	85	57	43	34		60	1.80	267	178	134	89	67	53		60	2.19	324	216	162	108	81	65
80	.612	91	61	45	30	23	18.2	80	1.33	197	131	98	66	49	39	80	2.08	309	206	154	103	77	62	80	2.52	375	250	187	125	94	75				
100	.684	102	68	51	34	25	20	100	1.48	220	147	110	73	55	44	100	2.32	345	230	172	115	86	69	100	2.82	419	279	209	140	105	84				
4916-63	1	.071	11.5	7.7	5.8	3.8	2.9	2.3	4916-89	1	.155	23	15.3	11.5	7.7	5.8	4.6	4916-107	1	.232	34	23	17.2	11.5	8.6	6.9	4916-120	1	.282	42	28	21	14.0	10.5	8.4
	3	.134	19.9	13.3	10.0	6.6	5.0	4.0		3	.268	40	27	19.9	13.3	10.0	8.0		3	.402	60	40	30	20	14.9	12.0		3	.489	73	48	36	24	18.1	14.5
	5	.173	26	17.1	12.9	8.6	6.4	5.1		5	.346	51	34	26	17.1	12.9	10.3		5	.520	77	51	39	26	19.3	15.4		5	.631	94	62	47	31	23	18.7
	10	.245	36	24	18.2	12.1	9.1	7.3		10	.49	73	49	36	24	18.2	14.6		10	.735	109	78	55	36	27	22		10	.892	132	88	66	44	33	26
	15	.300	45	30	22	14.9	11.1	8.9		15	.60	89	59	45	30	22	17.8		15	.900	134	89	67	45	33	27		15	1.09	162	108	81	54	41	32
	20	.346	51	34	26	17.1	12.9	10.3		20	.699	103	69	51	34	26	21		20	1.04	154	103	77	51	39	31		20	1.26	187	125	94	62	47	37
	25	.387	57	38	29	19.2	14.4	11.5		25	.775	115	77	58	38	29	23		25	1.16	173	115	86	58	43	35		25	1.41	209	140	105	70	52	42
	30	.424	63	42	31	21	15.7	12.6		30	.849	126	84	63	42	32	25		30	1.27	189	126	94	63	47	38		30	1.55	229	153	115	76	57	46
	40	.490	73	49	36	24	18.2	14.6		40	.98	145	97	73	48	36	29		40	1.47	218	145	109	73	55	44		40	1.78	265	177	132	88	66	53
	60	.600	89	59	45	30	22	17.8		60	1.2	178	119	89	59	45	36		60	1.80	267	178	134	89	67	53		60	2.19	324	216	162	108	81	65
80	.693	103	69	51	34	26	21	80	1.39	206	137	103	69	51	41	80	2.08	309	206	154	103	77	62	80	2.52	375	250	187	125	94	75				
100	.775	115	77	58	38	29	23	100	1.55	230	153	115	77	58	46	100	2.32	345	230	172	115	86	69	100	2.82	419	279	209	140	105	84				
4916-70	1	.097	14.4	9.6	7.2	4.8	3.6	2.9	4916-98	1	.198	29	19.6	14.7	9.8	7.3	5.9	4916-107	1	.232	34	23	17.2	11.5	8.6	6.9	4916-120	1	.282	42	28	21	14.0	10.5	8.4
	3	.167	25	16.6	12.4	8.3	6.2	5.0		3	.342	51	34	25	16.9	12.7	10.2		3	.402	60	40	30	20	14.9	12.0		3	.489	73	48	36	24	18.1	14.5
	5	.216	32	21	16.1	10.7	8.0	6.4		5	.442	66	44	33	22	16.4	13.1		5	.520	77	51	39	26	19.3	15.4		5	.631	94	62	47	31	23	18.7
	10	.306	45	30	23	15.1	11.4	9.1		10	.625	93	62	46	31	23	18.6		10	.735	109	78	55	36	27	22		10	.892	132	88	66	44	33	26
	15	.375	5																																