

28% Nitrogen

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GPA Water = GPA 28% x 1.13	Flow Regulators	Capacity 1 nozzle in GPM of 28%	30 in. Spacing											
			Gallons per Acre (GPA) of 28% Nitrogen											
	PSI	3 mph	4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	11 mph	12 mph	13 mph	14 mph	
CP4916-008	5	0.003	0.18	0.13	0.11	0.09	0.08	0.07	0.06	0.05	0.05	0.04	0.04	0.04
	10	0.004	0.23	0.18	0.14	0.12	0.10	0.09	0.08	0.07	0.06	0.06	0.05	0.05
	15	0.004	0.29	0.21	0.17	0.14	0.12	0.11	0.10	0.09	0.08	0.07	0.07	0.06
	20	0.005	0.35	0.26	0.21	0.18	0.15	0.13	0.12	0.11	0.10	0.09	0.08	0.08
	25	0.006	0.39	0.29	0.24	0.20	0.17	0.15	0.13	0.12	0.11	0.10	0.09	0.08
	30	0.006	0.41	0.31	0.25	0.20	0.18	0.15	0.14	0.12	0.11	0.10	0.09	0.09
	40	0.007	0.47	0.35	0.28	0.23	0.20	0.18	0.16	0.14	0.13	0.12	0.11	0.10
CP4916-10	5	0.004	0.29	0.22	0.18	0.15	0.13	0.11	0.10	0.09	0.08	0.07	0.07	0.06
	10	0.006	0.41	0.31	0.25	0.20	0.18	0.15	0.14	0.12	0.11	0.10	0.09	0.09
	15	0.008	0.50	0.38	0.30	0.25	0.21	0.19	0.17	0.15	0.14	0.13	0.12	0.11
	20	0.008	0.53	0.39	0.32	0.26	0.23	0.20	0.18	0.16	0.14	0.13	0.12	0.11
	25	0.009	0.59	0.44	0.35	0.29	0.25	0.22	0.20	0.18	0.16	0.15	0.14	0.13
	30	0.010	0.64	0.48	0.39	0.32	0.28	0.24	0.21	0.19	0.18	0.16	0.15	0.14
	40	0.012	0.76	0.57	0.46	0.38	0.33	0.28	0.25	0.23	0.21	0.19	0.18	0.16
CP4916-12	5	0.006	0.41	0.31	0.25	0.20	0.18	0.15	0.14	0.12	0.11	0.10	0.09	0.09
	10	0.009	0.58	0.44	0.35	0.29	0.25	0.22	0.19	0.18	0.16	0.15	0.13	0.13
	15	0.011	0.72	0.54	0.43	0.36	0.31	0.27	0.24	0.21	0.20	0.18	0.17	0.15
	20	0.012	0.76	0.57	0.46	0.38	0.33	0.28	0.25	0.23	0.21	0.19	0.18	0.16
	25	0.013	0.85	0.64	0.51	0.42	0.36	0.32	0.28	0.25	0.23	0.21	0.20	0.18
	30	0.014	0.93	0.70	0.56	0.47	0.40	0.35	0.31	0.28	0.25	0.23	0.22	0.20
	40	0.017	1.11	0.83	0.67	0.55	0.48	0.42	0.37	0.33	0.30	0.28	0.26	0.24
CP4916-14	5	0.008	0.53	0.39	0.32	0.26	0.23	0.20	0.18	0.16	0.14	0.13	0.12	0.11
	10	0.012	0.76	0.57	0.46	0.38	0.33	0.28	0.25	0.23	0.21	0.19	0.18	0.16
	15	0.014	0.93	0.70	0.56	0.46	0.40	0.35	0.31	0.28	0.25	0.23	0.21	0.20
	20	0.016	1.05	0.79	0.63	0.53	0.45	0.39	0.35	0.32	0.29	0.26	0.24	0.23
	25	0.018	1.18	0.88	0.71	0.59	0.50	0.44	0.39	0.35	0.32	0.29	0.27	0.25
	30	0.019	1.28	0.96	0.77	0.64	0.55	0.48	0.43	0.39	0.35	0.32	0.30	0.28
	40	0.022	1.46	1.10	0.88	0.73	0.63	0.55	0.49	0.44	0.40	0.37	0.34	0.31
CP4916-15	5	0.009	0.58	0.44	0.35	0.29	0.25	0.22	0.19	0.18	0.16	0.15	0.13	0.13
	10	0.013	0.88	0.66	0.53	0.44	0.38	0.33	0.29	0.26	0.24	0.22	0.20	0.19
	15	0.016	1.07	0.80	0.64	0.54	0.46	0.40	0.36	0.32	0.29	0.27	0.25	0.23
	20	0.019	1.23	0.92	0.74	0.61	0.53	0.46	0.41	0.37	0.33	0.31	0.28	0.26
	25	0.021	1.37	1.03	0.82	0.69	0.59	0.51	0.46	0.41	0.37	0.34	0.32	0.29
	30	0.022	1.46	1.10	0.88	0.73	0.63	0.55	0.49	0.44	0.40	0.37	0.34	0.31
	40	0.026	1.69	1.27	1.02	0.85	0.73	0.64	0.56	0.51	0.46	0.42	0.39	0.36
CP4916-16	5	0.011	0.70	0.53	0.42	0.35	0.30	0.26	0.23	0.21	0.19	0.18	0.16	0.15
	10	0.015	0.99	0.74	0.60	0.50	0.43	0.37	0.33	0.30	0.27	0.25	0.23	0.21
	15	0.018	1.22	0.91	0.73	0.61	0.52	0.46	0.41	0.36	0.33	0.30	0.28	0.26
	20	0.020	1.34	1.01	0.81	0.67	0.58	0.50	0.45	0.40	0.37	0.34	0.31	0.29
	25	0.023	1.50	1.13	0.90	0.75	0.64	0.56	0.50	0.45	0.41	0.38	0.35	0.32
	30	0.026	1.69	1.27	1.02	0.85	0.73	0.64	0.56	0.51	0.46	0.42	0.39	0.36
	40	0.029	1.93	1.45	1.16	0.96	0.83	0.72	0.64	0.58	0.53	0.48	0.44	0.41
CP4916-18	5	0.013	0.88	0.66	0.53	0.44	0.38	0.33	0.29	0.26	0.24	0.22	0.20	0.19
	10	0.019	1.23	0.92	0.74	0.61	0.53	0.46	0.41	0.37	0.33	0.31	0.28	0.26
	15	0.023	1.50	1.13	0.90	0.75	0.64	0.56	0.50	0.45	0.41	0.38	0.35	0.32
	20	0.027	1.75	1.31	1.05	0.88	0.75	0.66	0.58	0.53	0.48	0.44	0.40	0.38
	25	0.030	1.96	1.47	1.18	0.98	0.84	0.73	0.65	0.59	0.53	0.49	0.45	0.42
	30	0.032	2.10	1.58	1.26	1.05	0.90	0.79	0.70	0.63	0.57	0.53	0.49	0.45
	40	0.037	2.45	1.84	1.47	1.23	1.05	0.92	0.82	0.74	0.67	0.61	0.57	0.53

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GPA Water = GPA 28% x 1.13	Flow Regulators	Capacity 1 nozzle in GPM of 28%	30 in. Spacing											
			Gallons per Acre (GPA) of 28% Nitrogen											
	PSI	3 mph	4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	11 mph	12 mph	13 mph	14 mph	
CP4916-20	5	0.016	1.05	0.79	0.63	0.53	0.45	0.39	0.35	0.32	0.29	0.26	0.24	0.23
	10	0.023	1.52	1.14	0.91	0.76	0.65	0.57	0.51	0.46	0.41	0.38	0.35	0.33
	15	0.028	1.86	1.39	1.12	0.93	0.80	0.70	0.62	0.56	0.51	0.46	0.43	0.40
	20	0.033	2.16	1.62	1.30	1.08	0.93	0.81	0.72	0.65	0.59	0.54	0.50	0.46
	25	0.037	2.42	1.81	1.45	1.21	1.04	0.91	0.81	0.72	0.66	0.60	0.56	0.52
	30	0.040	2.63	1.97	1.58	1.31	1.13	0.99	0.88	0.79	0.72	0.66	0.61	0.56
	40	0.046	3.04	2.28	1.82	1.52	1.30	1.14	1.01	0.91	0.83	0.76	0.70	0.65
CP4916-22	5	0.019	1.28	0.96	0.77	0.64	0.55	0.48	0.43	0.39	0.35	0.32	0.30	0.28
	10	0.027	1.81	1.36	1.09	0.91	0.78	0.68	0.60	0.54	0.49	0.45	0.42	0.39
	15	0.034	2.22	1.66	1.33	1.11	0.95	0.83	0.74	0.67	0.60	0.55	0.51	0.48
	20	0.038	2.51	1.88	1.51	1.26	1.08	0.94	0.84	0.75	0.68	0.63	0.58	0.54
	25	0.043	2.81	2.11	1.68	1.40	1.20	1.05	0.94	0.84	0.77	0.70	0.65	0.60
	30	0.047	3.10	2.32	1.86	1.55	1.33	1.16	1.03	0.93	0.84	0.77	0.71	0.66
	40	0.054	3.56	2.67	2.14	1.78	1.53	1.34	1.19	1.07	0.97	0.89	0.82	0.76
CP4916-24	5	0.023	1.5	1.1	0.9	0.8	0.7	0.57	0.51	0.46	0.41	0.38	0.35	0.33
	10	0.033	2.2	1.6	1.3	1.1	0.9	0.81	0.72	0.65	0.59	0.54	0.50	0.46
	15	0.040	2.6	2.0	1.6	1.3	1.1	0.99	0.88	0.79	0.72	0.66	0.61	0.57
	20	0.046	3.0	2.3	1.8	1.5	1.3	1.14	1.01	0.91	0.83	0.76	0.70	0.65
	25	0.051	3.4	2.5	2.0	1.7	1.5	1.27	1.13	1.02	0.93	0.85	0.78	0.73
	30	0.057	3.7	2.8	2.2	1.9	1.6	1.40	1.25	1.12	1.02	0.93	0.86	0.80
	40	0.065	4.3	3.2	2.6	2.2	1.9	1.62	1.44	1.30	1.18	1.08	1.00	0.93
CP4916-25	5	0.025	1.6	1.2	1.0	0.8	0.7	0.61	0.55	0.49	0.45	0.41	0.38	0.35
	10	0.035	2.3	1.8	1.4	1.2	1.0	0.88	0.78	0.70	0.64	0.58	0.54	0.50
	15	0.043	2.9	2.1	1.7	1.4	1.2	1.07	0.95	0.86	0.78	0.72	0.66	0.61
	20	0.050	3.3	2.5	2.0	1.6	1.4	1.23	1.09	0.98	0.89	0.82	0.75	0.70
	25	0.055	3.7	2.7	2.2	1.8	1.6	1.37	1.22	1.10	1.00	0.91	0.84	0.78
	30	0.060	4.0	3.0	2.4	2.0	1.7	1.49	1.32	1.19	1.08	0.99	0.92	0.85
	40	0.070	4.6	3.5	2.8	2.3	2.0	1.73	1.54	1.38	1.26	1.15	1.06	0.99
CP4916-26	5	0.027	1.8	1.3	1.1	0.9	0.8	0.66	0.58	0.53	0.48	0.44	0.40	0.38
	10	0.038	2.5	1.9	1.5	1.3	1.1	0.94	0.84	0.75	0.68	0.63	0.58	0.54
	15	0.047	3.1	2.3	1.8	1.5	1.3	1.15	1.03	0.92	0.84	0.77	0.71	0.66
	20	0.054	3.6	2.7	2.1	1.8	1.5	1.34	1.19	1.07	0.97	0.89	0.82	0.76
	25	0.060	4.0	3.0	2.4	2.0	1.7	1.49	1.33	1.20	1.09	1.00	0.92	0.85
	30	0.065	4.3	3.2	2.6	2.2	1.9	1.62	1.44	1.30	1.18	1.08	1.00	0.93
	40	0.076	5.0	3.8	3.0	2.5	2.2	1.88	1.67	1.51	1.37	1.26	1.16	1.08
CP4916-27	5	0.028	1.9	1.4	1.1	0.9	0.8	0.70	0.62	0.56	0.51	0.47	0.43	0.40
	10	0.041	2.7	2.0	1.6	1.3	1.2	1.01	0.90	0.81	0.73	0.67	0.62	0.58
	15	0.050	3.3	2.5	2.0	1.6	1.4	1.23	1.10	0.99	0.90	0.82	0.76	0.71
	20	0.057	3.7	2.8	2.2	1.9	1.6	1.40	1.25	1.12	1.02	0.93	0.86	0.80
	25	0.063	4.2	3.1	2.5	2.1	1.8	1.57	1.39	1.25	1.14	1.04	0.96	0.90
	30	0.070	4.6	3.5	2.8	2.3	2.0	1.73	1.54	1.38	1.26	1.15	1.06	0.99
	40	0.081	5.3	4.0	3.2	2.7	2.3	1.99	1.77	1.59	1.45	1.33	1.23	1.14
CP4916-28	5	0.031	2.0	1.5	1.2	1.0	0.9	0.77	0.68	0.61	0.56	0.51	0.47	0.44
	10	0.043	2.9	2.1	1.7	1.4	1.2	1.07	0.95	0.86	0.78	0.72	0.66	0.61
	15	0.053	3.5	2.6	2.1	1.8	1.5	1.31	1.17	1.05	0.96	0.88	0.81	0.75
	20	0.061	4.0	3.0	2.4	2.0	1.7	1.51	1.34	1.21	1.10	1.01	0.93	0.86
	25	0.068	4.5	3.4	2.7	2.3	1.9	1.69	1.50	1.35	1.23	1.13	1.04	0.97
	30	0.075	5.0	3.7	3.0	2.5	2.1	1.86	1.65	1.49	1.35	1.24	1.15	1.06
	40	0.087	5.7	4.3	3.4	2.9	2.5	2.15	1.91	1.72	1.56	1.43	1.32	1.23

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GPA Water = GPA 28% x 1.13	Flow Regulators	Capacity 1 nozzle in GPM of 28%	30 in. Spacing											
			Gallons per Acre (GPA) of 28% Nitrogen											
	PSI	3 mph	4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	11 mph	12 mph	13 mph	14 mph	
CP4916-29	5	0.034	2.2	1.7	1.3	1.1	1.0	0.83	0.74	0.67	0.61	0.55	0.51	0.48
	10	0.048	3.2	2.4	1.9	1.6	1.4	1.18	1.05	0.95	0.86	0.79	0.73	0.68
	15	0.059	3.9	2.9	2.3	1.9	1.7	1.45	1.29	1.16	1.05	0.97	0.89	0.83
	20	0.067	4.4	3.3	2.7	2.2	1.9	1.66	1.48	1.33	1.21	1.11	1.02	0.95
	25	0.075	5.0	3.7	3.0	2.5	2.1	1.86	1.65	1.49	1.35	1.24	1.15	1.06
	30	0.083	5.5	4.1	3.3	2.7	2.4	2.06	1.83	1.65	1.50	1.37	1.27	1.18
	40	0.096	6.3	4.7	3.8	3.2	2.7	2.37	2.10	1.89	1.72	1.58	1.46	1.35
CP4916-30	5	0.035	2.3	1.8	1.4	1.2	1.0	0.88	0.78	0.70	0.64	0.58	0.54	0.50
	10	0.050	3.3	2.5	2.0	1.7	1.4	1.25	1.11	1.00	0.91	0.83	0.77	0.71
	15	0.062	4.1	3.1	2.4	2.0	1.7	1.53	1.36	1.22	1.11	1.02	0.94	0.87
	20	0.072	4.7	3.5	2.8	2.4	2.0	1.77	1.58	1.42	1.29	1.18	1.09	1.01
	25	0.080	5.3	4.0	3.2	2.6	2.3	1.98	1.76	1.59	1.44	1.32	1.22	1.13
	30	0.088	5.8	4.3	3.5	2.9	2.5	2.17	1.93	1.73	1.58	1.45	1.33	1.24
	40	0.101	6.7	5.0	4.0	3.3	2.9	2.50	2.22	2.00	1.82	1.66	1.54	1.43
CP4916-31	5	0.038	2.5	1.9	1.5	1.3	1.1	0.94	0.84	0.75	0.68	0.63	0.58	0.54
	10	0.055	3.6	2.7	2.2	1.8	1.6	1.36	1.21	1.09	0.99	0.91	0.84	0.78
	15	0.067	4.4	3.3	2.7	2.2	1.9	1.66	1.48	1.33	1.21	1.11	1.02	0.95
	20	0.077	5.1	3.8	3.0	2.5	2.2	1.91	1.69	1.52	1.39	1.27	1.17	1.09
	25	0.086	5.7	4.3	3.4	2.8	2.4	2.13	1.89	1.70	1.55	1.42	1.31	1.22
	30	0.095	6.2	4.7	3.7	3.1	2.7	2.34	2.08	1.87	1.70	1.56	1.44	1.34
	40	0.109	7.2	5.4	4.3	3.6	3.1	2.69	2.39	2.16	1.96	1.80	1.66	1.54
CP4916-32	5	0.042	2.8	2.1	1.7	1.4	1.2	1.05	0.93	0.84	0.76	0.70	0.65	0.60
	10	0.060	4.0	3.0	2.4	2.0	1.7	1.49	1.32	1.19	1.08	0.99	0.92	0.85
	15	0.074	4.9	3.6	2.9	2.4	2.1	1.82	1.62	1.46	1.33	1.22	1.12	1.04
	20	0.084	5.5	4.2	3.3	2.8	2.4	2.08	1.85	1.66	1.51	1.39	1.28	1.19
	25	0.094	6.2	4.7	3.7	3.1	2.7	2.33	2.07	1.86	1.69	1.55	1.43	1.33
	30	0.104	6.8	5.1	4.1	3.4	2.9	2.56	2.28	2.05	1.86	1.71	1.58	1.46
	40	0.119	7.9	5.9	4.7	3.9	3.4	2.96	2.63	2.37	2.15	1.97	1.82	1.69
CP4916-34	5	0.046	3.0	2.3	1.8	1.5	1.3	1.14	1.01	0.91	0.83	0.76	0.70	0.65
	10	0.065	4.3	3.2	2.6	2.2	1.9	1.62	1.44	1.30	1.18	1.08	1.00	0.93
	15	0.080	5.3	4.0	3.2	2.6	2.3	1.99	1.76	1.59	1.44	1.32	1.22	1.13
	20	0.092	6.1	4.6	3.6	3.0	2.6	2.28	2.02	1.82	1.66	1.52	1.40	1.30
	25	0.103	6.8	5.1	4.1	3.4	2.9	2.55	2.26	2.04	1.85	1.70	1.57	1.46
	30	0.112	7.4	5.6	4.5	3.7	3.2	2.78	2.47	2.23	2.02	1.85	1.71	1.59
	40	0.130	8.6	6.4	5.2	4.3	3.7	3.22	2.86	2.58	2.34	2.15	1.98	1.84
CP4916-35	5	0.050	3.3	2.5	2.0	1.6	1.4	1.23	1.09	0.98	0.89	0.82	0.75	0.70
	10	0.070	4.6	3.5	2.8	2.3	2.0	1.73	1.54	1.38	1.26	1.15	1.06	0.99
	15	0.086	5.7	4.2	3.4	2.8	2.4	2.12	1.88	1.70	1.54	1.41	1.30	1.21
	20	0.098	6.5	4.9	3.9	3.2	2.8	2.43	2.16	1.94	1.77	1.62	1.50	1.39
	25	0.110	7.2	5.4	4.3	3.6	3.1	2.72	2.42	2.17	1.98	1.81	1.67	1.55
	30	0.120	7.9	6.0	4.8	4.0	3.4	2.98	2.65	2.38	2.17	1.99	1.83	1.70
	40	0.139	9.2	6.9	5.5	4.6	3.9	3.44	3.06	2.75	2.50	2.29	2.12	1.96
CP4916-37	5	0.054	3.6	2.7	2.1	1.8	1.5	1.34	1.19	1.07	0.97	0.89	0.82	0.76
	10	0.076	5.0	3.8	3.0	2.5	2.2	1.88	1.67	1.51	1.37	1.26	1.16	1.08
	15	0.093	6.2	4.6	3.7	3.1	2.6	2.31	2.05	1.85	1.68	1.54	1.42	1.32
	20	0.108	7.1	5.3	4.3	3.6	3.1	2.67	2.38	2.14	1.94	1.78	1.64	1.53
	25	0.121	8.0	6.0	4.8	4.0	3.4	2.99	2.66	2.39	2.17	1.99	1.84	1.71
	30	0.132	8.7	6.5	5.2	4.4	3.7	3.26	2.90	2.61	2.37	2.18	2.01	1.86
	40	0.152	10.0	7.5	6.0	5.0	4.3	3.77	3.35	3.01	2.74	2.51	2.32	2.15

28% Nitrogen

28% Nitrogen

28% Nitrogen

GPA Water = GPA 28% x 1.13	Flow Regulators	Capacity 1 nozzle in GPM of 28%	30 in. Spacing											
			Gallons per Acre (GPA) of 28% Nitrogen											
	PSI	3 mph	4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	11 mph	12 mph	13 mph	14 mph	
CP4916-39	5	0.060	4.0	3.0	2.4	2.0	1.7	1.49	1.32	1.19	1.08	0.99	0.92	0.85
	10	0.085	5.6	4.2	3.4	2.8	2.4	2.10	1.87	1.68	1.53	1.40	1.29	1.20
	15	0.104	6.9	5.2	4.1	3.4	2.9	2.58	2.29	2.06	1.87	1.72	1.58	1.47
	20	0.119	7.9	5.9	4.7	3.9	3.4	2.96	2.63	2.37	2.15	1.97	1.82	1.69
	25	0.134	8.8	6.6	5.3	4.4	3.8	3.31	2.94	2.64	2.40	2.20	2.03	1.89
	30	0.146	9.6	7.2	5.8	4.8	4.1	3.61	3.21	2.89	2.63	2.41	2.22	2.07
	40	0.169	11.2	8.4	6.7	5.6	4.8	4.18	3.72	3.35	3.04	2.79	2.57	2.39
CP4916-40	5	0.064	4.2	3.2	2.5	2.1	1.8	1.58	1.40	1.26	1.15	1.05	0.97	0.90
	10	0.090	6.0	4.5	3.6	3.0	2.6	2.23	1.99	1.79	1.62	1.49	1.37	1.28
	15	0.111	7.3	5.5	4.4	3.6	3.1	2.74	2.43	2.19	1.99	1.82	1.68	1.56
	20	0.127	8.4	6.3	5.0	4.2	3.6	3.15	2.80	2.52	2.29	2.10	1.94	1.80
	25	0.142	9.4	7.1	5.6	4.7	4.0	3.53	3.13	2.82	2.56	2.35	2.17	2.02
	30	0.157	10.3	7.8	6.2	5.2	4.4	3.88	3.45	3.10	2.82	2.58	2.39	2.22
	40	0.181	11.9	8.9	7.1	6.0	5.1	4.47	3.97	3.57	3.25	2.98	2.75	2.55
CP4916-41	5	0.066	4.4	3.3	2.6	2.2	1.9	1.64	1.46	1.31	1.19	1.10	1.01	0.94
	10	0.094	6.2	4.6	3.7	3.1	2.7	2.32	2.06	1.86	1.69	1.55	1.43	1.33
	15	0.115	7.6	5.7	4.5	3.8	3.2	2.84	2.53	2.27	2.07	1.90	1.75	1.62
	20	0.132	8.7	6.5	5.2	4.4	3.7	3.26	2.90	2.61	2.37	2.18	2.01	1.86
	25	0.147	9.7	7.3	5.8	4.9	4.2	3.65	3.24	2.92	2.65	2.43	2.25	2.08
	30	0.162	10.7	8.0	6.4	5.3	4.6	4.01	3.56	3.21	2.92	2.67	2.47	2.29
	40	0.187	12.3	9.2	7.4	6.2	5.3	4.62	4.11	3.70	3.36	3.08	2.84	2.64
CP4916-43	5	0.073	4.8	3.6	2.9	2.4	2.1	1.80	1.60	1.44	1.31	1.20	1.11	1.03
	10	0.103	6.8	5.1	4.1	3.4	2.9	2.54	2.26	2.03	1.85	1.69	1.56	1.45
	15	0.126	8.3	6.2	5.0	4.1	3.6	3.11	2.77	2.49	2.26	2.07	1.91	1.78
	20	0.144	9.5	7.1	5.7	4.8	4.1	3.57	3.17	2.86	2.60	2.38	2.20	2.04
	25	0.161	10.6	8.0	6.4	5.3	4.6	3.99	3.55	3.19	2.90	2.66	2.46	2.28
	30	0.177	11.7	8.8	7.0	5.8	5.0	4.38	3.89	3.50	3.19	2.92	2.70	2.50
	40	0.204	13.5	10.1	8.1	6.7	5.8	5.06	4.50	4.05	3.68	3.37	3.11	2.89
CP4916-45	5	0.078	5.1	3.9	3.1	2.6	2.2	1.93	1.71	1.54	1.40	1.28	1.19	1.10
	10	0.111	7.3	5.5	4.4	3.7	3.1	2.74	2.43	2.19	1.99	1.83	1.68	1.56
	15	0.135	8.9	6.7	5.4	4.5	3.8	3.35	2.98	2.68	2.44	2.24	2.06	1.92
	20	0.157	10.3	7.8	6.2	5.2	4.4	3.88	3.45	3.10	2.82	2.58	2.39	2.22
	25	0.175	11.6	8.7	6.9	5.8	5.0	4.33	3.85	3.47	3.15	2.89	2.67	2.48
	30	0.192	12.7	9.5	7.6	6.3	5.4	4.75	4.22	3.80	3.46	3.17	2.92	2.72
	40	0.221	14.6	11.0	8.8	7.3	6.3	5.48	4.87	4.38	3.98	3.65	3.37	3.13
CP4916-46	5	0.084	5.5	4.2	3.3	2.8	2.4	2.1	1.8	1.7	1.5	1.4	1.3	1.2
	10	0.119	7.9	5.9	4.7	3.9	3.4	3.0	2.6	2.4	2.2	2.0	1.8	1.7
	15	0.146	9.7	7.2	5.8	4.8	4.1	3.6	3.2	2.9	2.6	2.4	2.2	2.1
	20	0.169	11.2	8.4	6.7	5.6	4.8	4.2	3.7	3.3	3.0	2.8	2.6	2.4
	25	0.189	12.5	9.4	7.5	6.2	5.3	4.7	4.2	3.7	3.4	3.1	2.9	2.7
	30	0.207	13.7	10.3	8.2	6.8	5.9	5.1	4.6	4.1	3.7	3.4	3.2	2.9
	40	0.239	15.8	11.8	9.5	7.9	6.8	5.9	5.3	4.7	4.3	3.9	3.6	3.4
CP4916-47	5	0.086	5.7	4.2	3.4	2.8	2.4	2.1	1.9	1.7	1.5	1.4	1.3	1.2
	10	0.122	8.1	6.0	4.8	4.0	3.5	3.0	2.7	2.4	2.2	2.0	1.9	1.7
	15	0.150	9.9	7.4	5.9	4.9	4.2	3.7	3.3	3.0	2.7	2.5	2.3	2.1
	20	0.172	11.3	8.5	6.8	5.7	4.9	4.2	3.8	3.4	3.1	2.8	2.6	2.4
	25	0.192	12.7	9.5	7.6	6.3	5.4	4.8	4.2	3.8	3.5	3.2	2.9	2.7
	30	0.211	13.9	10.4	8.3	7.0	6.0	5.2	4.6	4.2	3.8	3.5	3.2	3.0
	40	0.243	16.1	12.0	9.6	8.0	6.9	6.0	5.4	4.8	4.4	4.0	3.7	3.4

28% Nitrogen

28% Nitrogen

28% Nitrogen

GPA Water = GPA 28% x 1.13	Flow Regulators	Capacity 1 nozzle in GPM of 28%	30 in. Spacing											
			Gallons per Acre (GPA) of 28% Nitrogen											
	PSI	3 mph	4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	11 mph	12 mph	13 mph	14 mph	
CP4916-48	5	0.089	5.9	4.4	3.5	2.9	2.5	2.2	2.0	1.8	1.6	1.5	1.4	1.3
	10	0.127	8.4	6.3	5.0	4.2	3.6	3.1	2.8	2.5	2.3	2.1	1.9	1.8
	15	0.155	10.2	7.7	6.1	5.1	4.4	3.8	3.4	3.1	2.8	2.6	2.4	2.2
	20	0.179	11.8	8.8	7.1	5.9	5.1	4.4	3.9	3.5	3.2	2.9	2.7	2.5
	25	0.200	13.2	9.9	7.9	6.6	5.7	4.9	4.4	4.0	3.6	3.3	3.0	2.8
	30	0.219	14.5	10.9	8.7	7.2	6.2	5.4	4.8	4.3	4.0	3.6	3.3	3.1
	40	0.253	16.7	12.5	10.0	8.4	7.2	6.3	5.6	5.0	4.6	4.2	3.9	3.6
CP4916-49	5	0.092	6.1	4.6	3.6	3.0	2.6	2.3	2.0	1.8	1.7	1.5	1.4	1.3
	10	0.131	8.6	6.5	5.2	4.3	3.7	3.2	2.9	2.6	2.4	2.2	2.0	1.9
	15	0.160	10.6	7.9	6.4	5.3	4.5	4.0	3.5	3.2	2.9	2.6	2.4	2.3
	20	0.185	12.2	9.2	7.3	6.1	5.2	4.6	4.1	3.7	3.3	3.1	2.8	2.6
	25	0.207	13.6	10.2	8.2	6.8	5.8	5.1	4.5	4.1	3.7	3.4	3.1	2.9
	30	0.226	14.9	11.2	8.9	7.4	6.4	5.6	5.0	4.5	4.1	3.7	3.4	3.2
	40	0.261	17.2	12.9	10.3	8.6	7.4	6.5	5.7	5.2	4.7	4.3	4.0	3.7
CP4916-51	5	0.103	6.8	5.1	4.1	3.4	2.9	2.5	2.3	2.0	1.8	1.7	1.6	1.5
	10	0.146	9.6	7.2	5.8	4.8	4.1	3.6	3.2	2.9	2.6	2.4	2.2	2.1
	15	0.179	11.8	8.9	7.1	5.9	5.1	4.4	3.9	3.5	3.2	3.0	2.7	2.5
	20	0.206	13.6	10.2	8.2	6.8	5.8	5.1	4.5	4.1	3.7	3.4	3.1	2.9
	25	0.231	15.2	11.4	9.1	7.6	6.5	5.7	5.1	4.6	4.1	3.8	3.5	3.3
	30	0.252	16.6	12.5	10.0	8.3	7.1	6.2	5.5	5.0	4.5	4.2	3.8	3.6
	40	0.291	19.2	14.4	11.5	9.6	8.2	7.2	6.4	5.8	5.2	4.8	4.4	4.1
CP4916-52	5	0.104	6.9	5.2	4.1	3.4	3.0	2.6	2.3	2.1	1.9	1.7	1.6	1.5
	10	0.149	9.8	7.4	5.9	4.9	4.2	3.7	3.3	2.9	2.7	2.5	2.3	2.1
	15	0.182	12.0	9.0	7.2	6.0	5.2	4.5	4.0	3.6	3.3	3.0	2.8	2.6
	20	0.210	13.8	10.4	8.3	6.9	5.9	5.2	4.6	4.2	3.8	3.5	3.2	3.0
	25	0.234	15.5	11.6	9.3	7.7	6.6	5.8	5.2	4.6	4.2	3.9	3.6	3.3
	30	0.257	16.9	12.7	10.2	8.5	7.3	6.4	5.6	5.1	4.6	4.2	3.9	3.6
	40	0.296	19.6	14.7	11.7	9.8	8.4	7.3	6.5	5.9	5.3	4.9	4.5	4.2
CP4916-54	5	0.112	7.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2	2.0	1.9	1.7	1.6
	10	0.159	10.5	7.9	6.3	5.3	4.5	3.9	3.5	3.2	2.9	2.6	2.4	2.3
	15	0.195	12.9	9.7	7.7	6.4	5.5	4.8	4.3	3.9	3.5	3.2	3.0	2.8
	20	0.226	14.9	11.2	8.9	7.4	6.4	5.6	5.0	4.5	4.1	3.7	3.4	3.2
	25	0.252	16.7	12.5	10.0	8.3	7.1	6.2	5.6	5.0	4.5	4.2	3.8	3.6
	30	0.276	18.2	13.7	10.9	9.1	7.8	6.8	6.1	5.5	5.0	4.6	4.2	3.9
	40	0.319	21.0	15.8	12.6	10.5	9.0	7.9	7.0	6.3	5.7	5.3	4.9	4.5
CP4916-55	5	0.118	7.8	5.8	4.7	3.9	3.3	2.9	2.6	2.3	2.1	1.9	1.8	1.7
	10	0.167	11.0	8.3	6.6	5.5	4.7	4.1	3.7	3.3	3.0	2.8	2.5	2.4
	15	0.205	13.5	10.1	8.1	6.8	5.8	5.1	4.5	4.1	3.7	3.4	3.1	2.9
	20	0.236	15.6	11.7	9.4	7.8	6.7	5.8	5.2	4.7	4.3	3.9	3.6	3.3
	25	0.264	17.4	13.1	10.5	8.7	7.5	6.5	5.8	5.2	4.8	4.4	4.0	3.7
	30	0.288	19.0	14.3	11.4	9.5	8.2	7.1	6.3	5.7	5.2	4.8	4.4	4.1
	40	0.334	22.0	16.5	13.2	11.0	9.4	8.3	7.3	6.6	6.0	5.5	5.1	4.7
CP4916-57	5	0.125	8.2	6.2	4.9	4.1	3.5	3.1	2.7	2.5	2.2	2.1	1.9	1.8
	10	0.177	11.7	8.8	7.0	5.8	5.0	4.4	3.9	3.5	3.2	2.9	2.7	2.5
	15	0.217	14.3	10.7	8.6	7.2	6.1	5.4	4.8	4.3	3.9	3.6	3.3	3.1
	20	0.250	16.5	12.4	9.9	8.3	7.1	6.2	5.5	5.0	4.5	4.1	3.8	3.5
	25	0.280	18.5	13.9	11.1	9.2	7.9	6.9	6.2	5.5	5.0	4.6	4.3	4.0
	30	0.306	20.2	15.2	12.1	10.1	8.7	7.6	6.7	6.1	5.5	5.1	4.7	4.3
	40	0.354	23.4	17.5	14.0	11.7	10.0	8.8	7.8	7.0	6.4	5.8	5.4	5.0

28% Nitrogen

28% Nitrogen

28% Nitrogen

GPA Water = GPA 28% x 1.13	Flow Regulators	Capacity 1 nozzle in GPM of 28%	30 in. Spacing											
			Gallons per Acre (GPA) of 28% Nitrogen											
	PSI	3 mph	4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	11 mph	12 mph	13 mph	14 mph	
CP4916-59	5	0.135	8.9	6.7	5.4	4.5	3.8	3.4	3.0	2.7	2.4	2.2	2.1	1.9
	10	0.192	12.7	9.5	7.6	6.3	5.4	4.8	4.2	3.8	3.5	3.2	2.9	2.7
	15	0.235	15.5	11.6	9.3	7.8	6.7	5.8	5.2	4.7	4.2	3.9	3.6	3.3
	20	0.271	17.9	13.4	10.7	8.9	7.7	6.7	6.0	5.4	4.9	4.5	4.1	3.8
	25	0.303	20.0	15.0	12.0	10.0	8.6	7.5	6.7	6.0	5.4	5.0	4.6	4.3
	30	0.332	21.9	16.4	13.1	11.0	9.4	8.2	7.3	6.6	6.0	5.5	5.1	4.7
	40	0.383	25.3	19.0	15.2	12.6	10.8	9.5	8.4	7.6	6.9	6.3	5.8	5.4
CP4916-61	5	0.146	9.6	7.2	5.8	4.8	4.1	3.6	3.2	2.9	2.6	2.4	2.2	2.1
	10	0.206	13.6	10.2	8.2	6.8	5.8	5.1	4.5	4.1	3.7	3.4	3.1	2.9
	15	0.253	16.7	12.5	10.0	8.3	7.1	6.3	5.6	5.0	4.5	4.2	3.8	3.6
	20	0.292	19.3	14.5	11.6	9.6	8.3	7.2	6.4	5.8	5.3	4.8	4.4	4.1
	25	0.327	21.5	16.2	12.9	10.8	9.2	8.1	7.2	6.5	5.9	5.4	5.0	4.6
	30	0.358	23.6	17.7	14.2	11.8	10.1	8.8	7.9	7.1	6.4	5.9	5.4	5.1
	40	0.412	27.2	20.4	16.3	13.6	11.7	10.2	9.1	8.2	7.4	6.8	6.3	5.8
CP4916-63	5	0.154	10.2	7.6	6.1	5.1	4.4	3.8	3.4	3.0	2.8	2.5	2.3	2.2
	10	0.218	14.4	10.8	8.6	7.2	6.2	5.4	4.8	4.3	3.9	3.6	3.3	3.1
	15	0.267	17.6	13.2	10.6	8.8	7.5	6.6	5.9	5.3	4.8	4.4	4.1	3.8
	20	0.307	20.3	15.2	12.2	10.1	8.7	7.6	6.8	6.1	5.5	5.1	4.7	4.3
	25	0.343	22.7	17.0	13.6	11.3	9.7	8.5	7.6	6.8	6.2	5.7	5.2	4.9
	30	0.376	24.8	18.6	14.9	12.4	10.6	9.3	8.3	7.4	6.8	6.2	5.7	5.3
	40	0.435	28.7	21.5	17.2	14.3	12.3	10.8	9.6	8.6	7.8	7.2	6.6	6.1
CP4916-65	5	0.164	10.8	8.1	6.5	5.4	4.6	4.1	3.6	3.2	2.9	2.7	2.5	2.3
	10	0.231	15.2	11.4	9.1	7.6	6.5	5.7	5.1	4.6	4.2	3.8	3.5	3.3
	15	0.283	18.7	14.0	11.2	9.3	8.0	7.0	6.2	5.6	5.1	4.7	4.3	4.0
	20	0.327	21.6	16.2	12.9	10.8	9.2	8.1	7.2	6.5	5.9	5.4	5.0	4.6
	25	0.365	24.1	18.1	14.5	12.0	10.3	9.0	8.0	7.2	6.6	6.0	5.6	5.2
	30	0.400	26.4	19.8	15.8	13.2	11.3	9.9	8.8	7.9	7.2	6.6	6.1	5.7
	40	0.462	30.5	22.9	18.3	15.2	13.1	11.4	10.2	9.1	8.3	7.6	7.0	6.5
CP4916-67	5	0.173	11.4	8.6	6.9	5.7	4.9	4.3	3.8	3.4	3.1	2.9	2.6	2.5
	10	0.246	16.2	12.2	9.7	8.1	7.0	6.1	5.4	4.9	4.4	4.1	3.7	3.5
	15	0.301	19.9	14.9	11.9	9.9	8.5	7.5	6.6	6.0	5.4	5.0	4.6	4.3
	20	0.347	22.9	17.2	13.7	11.4	9.8	8.6	7.6	6.9	6.2	5.7	5.3	4.9
	25	0.388	25.6	19.2	15.4	12.8	11.0	9.6	8.5	7.7	7.0	6.4	5.9	5.5
	30	0.426	28.1	21.1	16.9	14.0	12.0	10.5	9.4	8.4	7.7	7.0	6.5	6.0
	40	0.491	32.4	24.3	19.4	16.2	13.9	12.2	10.8	9.7	8.8	8.1	7.5	6.9
CP4916-68	5	0.180	11.9	8.9	7.1	5.9	5.1	4.4	4.0	3.6	3.2	3.0	2.7	2.5
	10	0.254	16.8	12.6	10.1	8.4	7.2	6.3	5.6	5.0	4.6	4.2	3.9	3.6
	15	0.311	20.5	15.4	12.3	10.3	8.8	7.7	6.8	6.2	5.6	5.1	4.7	4.4
	20	0.358	23.7	17.7	14.2	11.8	10.1	8.9	7.9	7.1	6.5	5.9	5.5	5.1
	25	0.401	26.4	19.8	15.9	13.2	11.3	9.9	8.8	7.9	7.2	6.6	6.1	5.7
	30	0.439	29.0	21.7	17.4	14.5	12.4	10.9	9.7	8.7	7.9	7.2	6.7	6.2
	40	0.507	33.5	25.1	20.1	16.7	14.3	12.6	11.2	10.0	9.1	8.4	7.7	7.2
CP4916-70	5	0.191	12.6	9.5	7.6	6.3	5.4	4.7	4.2	3.8	3.4	3.2	2.9	2.7
	10	0.271	17.9	13.4	10.7	8.9	7.7	6.7	6.0	5.4	4.9	4.5	4.1	3.8
	15	0.332	21.9	16.4	13.1	10.9	9.4	8.2	7.3	6.6	6.0	5.5	5.1	4.7
	20	0.383	25.3	19.0	15.2	12.6	10.8	9.5	8.4	7.6	6.9	6.3	5.8	5.4
	25	0.428	28.3	21.2	17.0	14.1	12.1	10.6	9.4	8.5	7.7	7.1	6.5	6.1
	30	0.469	31.0	23.2	18.6	15.5	13.3	11.6	10.3	9.3	8.4	7.7	7.1	6.6
	40	0.542	35.7	26.8	21.4	17.9	15.3	13.4	11.9	10.7	9.7	8.9	8.2	7.7

28% Nitrogen

28% Nitrogen

28% Nitrogen

GPA Water = GPA 28% x 1.13	Flow Regulators	Capacity 1 nozzle in GPM of 28%	30 in. Spacing											
			Gallons per Acre (GPA) of 28% Nitrogen											
	PSI	3 mph	4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	11 mph	12 mph	13 mph	14 mph	
CP4916-72	5	0.200	13.2	9.9	7.9	6.6	5.7	5.0	4.4	4.0	3.6	3.3	3.0	2.8
	10	0.283	18.7	14.0	11.2	9.3	8.0	7.0	6.2	5.6	5.1	4.7	4.3	4.0
	15	0.347	22.9	17.2	13.7	11.4	9.8	8.6	7.6	6.9	6.2	5.7	5.3	4.9
	20	0.401	26.5	19.8	15.9	13.2	11.3	9.9	8.8	7.9	7.2	6.6	6.1	5.7
	25	0.448	29.6	22.2	17.7	14.8	12.7	11.1	9.9	8.9	8.1	7.4	6.8	6.3
	30	0.490	32.4	24.3	19.4	16.2	13.9	12.1	10.8	9.7	8.8	8.1	7.5	6.9
	40	0.566	37.4	28.0	22.4	18.7	16.0	14.0	12.5	11.2	10.2	9.3	8.6	8.0
CP4916-73	5	0.206	13.6	10.2	8.2	6.8	5.8	5.1	4.5	4.1	3.7	3.4	3.1	2.9
	10	0.292	19.3	14.5	11.6	9.6	8.3	7.2	6.4	5.8	5.3	4.8	4.4	4.1
	15	0.358	23.6	17.7	14.2	11.8	10.1	8.9	7.9	7.1	6.4	5.9	5.4	5.1
	20	0.413	27.3	20.5	16.4	13.6	11.7	10.2	9.1	8.2	7.4	6.8	6.3	5.8
	25	0.462	30.5	22.9	18.3	15.2	13.1	11.4	10.2	9.1	8.3	7.6	7.0	6.5
	30	0.506	33.4	25.1	20.0	16.7	14.3	12.5	11.1	10.0	9.1	8.4	7.7	7.2
	40	0.584	38.5	28.9	23.1	19.3	16.5	14.5	12.8	11.6	10.5	9.6	8.9	8.3
CP4916-75	5	0.217	14.3	10.7	8.6	7.2	6.1	5.4	4.8	4.3	3.9	3.6	3.3	3.1
	10	0.307	20.3	15.2	12.2	10.1	8.7	7.6	6.8	6.1	5.5	5.1	4.7	4.3
	15	0.376	24.8	18.6	14.9	12.4	10.6	9.3	8.3	7.4	6.8	6.2	5.7	5.3
	20	0.435	28.7	21.5	17.2	14.3	12.3	10.8	9.6	8.6	7.8	7.2	6.6	6.1
	25	0.486	32.1	24.0	19.2	16.0	13.7	12.0	10.7	9.6	8.7	8.0	7.4	6.9
	30	0.532	35.1	26.3	21.1	17.6	15.0	13.2	11.7	10.5	9.6	8.8	8.1	7.5
	40	0.614	40.5	30.4	24.3	20.3	17.4	15.2	13.5	12.2	11.1	10.1	9.4	8.7
CP4916-78	5	0.241	15.9	11.9	9.5	7.9	6.8	6.0	5.3	4.8	4.3	4.0	3.7	3.4
	10	0.341	22.5	16.9	13.5	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8
	15	0.417	27.5	20.7	16.5	13.8	11.8	10.3	9.2	8.3	7.5	6.9	6.4	5.9
	20	0.481	31.8	23.8	19.1	15.9	13.6	11.9	10.6	9.5	8.7	7.9	7.3	6.8
	25	0.538	35.5	26.6	21.3	17.8	15.2	13.3	11.8	10.7	9.7	8.9	8.2	7.6
	30	0.590	39.0	29.2	23.4	19.5	16.7	14.6	13.0	11.7	10.6	9.7	9.0	8.3
	40	0.681	45.0	33.7	27.0	22.5	19.3	16.9	15.0	13.5	12.3	11.2	10.4	9.6
CP4916-80	5	0.248	16.4	12.3	9.8	8.2	7.0	6.1	5.5	4.9	4.5	4.1	3.8	3.5
	10	0.351	23.2	17.4	13.9	11.6	9.9	8.7	7.7	7.0	6.3	5.8	5.4	5.0
	15	0.430	28.4	21.3	17.0	14.2	12.2	10.6	9.5	8.5	7.7	7.1	6.6	6.1
	20	0.496	32.8	24.6	19.7	16.4	14.0	12.3	10.9	9.8	8.9	8.2	7.6	7.0
	25	0.555	36.6	27.5	22.0	18.3	15.7	13.7	12.2	11.0	10.0	9.2	8.5	7.9
	30	0.608	40.1	30.1	24.1	20.1	17.2	15.0	13.4	12.0	10.9	10.0	9.3	8.6
	40	0.702	46.3	34.7	27.8	23.2	19.9	17.4	15.4	13.9	12.6	11.6	10.7	9.9
CP4916-81	5	0.257	16.9	12.7	10.2	8.5	7.3	6.4	5.6	5.1	4.6	4.2	3.9	3.6
	10	0.364	24.0	18.0	14.4	12.0	10.3	9.0	8.0	7.2	6.5	6.0	5.5	5.1
	15	0.445	29.4	22.1	17.6	14.7	12.6	11.0	9.8	8.8	8.0	7.4	6.8	6.3
	20	0.514	33.9	25.5	20.4	17.0	14.5	12.7	11.3	10.2	9.3	8.5	7.8	7.3
	25	0.575	37.9	28.5	22.8	19.0	16.3	14.2	12.6	11.4	10.3	9.5	8.8	8.1
	30	0.629	41.5	31.1	24.9	20.8	17.8	15.6	13.8	12.5	11.3	10.4	9.6	8.9
	40	0.727	48.0	36.0	28.8	24.0	20.6	18.0	16.0	14.4	13.1	12.0	11.1	10.3
CP4916-83	5	0.281	18.5	13.9	11.1	9.3	7.9	6.9	6.2	5.6	5.0	4.6	4.3	4.0
	10	0.397	26.2	19.7	15.7	13.1	11.2	9.8	8.7	7.9	7.2	6.6	6.1	5.6
	15	0.487	32.1	24.1	19.3	16.1	13.8	12.0	10.7	9.6	8.8	8.0	7.4	6.9
	20	0.561	37.0	27.8	22.2	18.5	15.9	13.9	12.3	11.1	10.1	9.3	8.5	7.9
	25	0.627	41.4	31.1	24.8	20.7	17.7	15.5	13.8	12.4	11.3	10.4	9.6	8.9
	30	0.688	45.4	34.0	27.2	22.7	19.4	17.0	15.1	13.6	12.4	11.3	10.5	9.7
	40	0.794	52.4	39.3	31.4	26.2	22.5	19.6	17.5	15.7	14.3	13.1	12.1	11.2

28% Nitrogen

28% Nitrogen

28% Nitrogen

GPA Water = GPA 28% x 1.13	Flow Regulators	Capacity 1 nozzle in GPM of 28%	30 in. Spacing											
			Gallons per Acre (GPA) of 28% Nitrogen											
	PSI	3 mph	4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	11 mph	12 mph	13 mph	14 mph	
CP4916-86	5	0.294	19.4	14.5	11.6	9.7	8.3	7.3	6.5	5.8	5.3	4.8	4.5	4.2
	10	0.416	27.5	20.6	16.5	13.7	11.8	10.3	9.2	8.2	7.5	6.9	6.3	5.9
	15	0.509	33.6	25.2	20.2	16.8	14.4	12.6	11.2	10.1	9.2	8.4	7.8	7.2
	20	0.588	38.8	29.1	23.3	19.4	16.6	14.5	12.9	11.6	10.6	9.7	8.9	8.3
	25	0.657	43.4	32.5	26.0	21.7	18.6	16.3	14.5	13.0	11.8	10.8	10.0	9.3
	30	0.719	47.5	35.6	28.5	23.7	20.4	17.8	15.8	14.2	13.0	11.9	11.0	10.2
	40	0.831	54.8	41.1	32.9	27.4	23.5	20.6	18.3	16.5	15.0	13.7	12.7	11.8
CP4916-89	5	0.306	20.2	15.2	12.1	10.1	8.7	7.6	6.7	6.1	5.5	5.1	4.7	4.3
	10	0.434	28.6	21.5	17.2	14.3	12.3	10.7	9.5	8.6	7.8	7.2	6.6	6.1
	15	0.531	35.1	26.3	21.0	17.5	15.0	13.1	11.7	10.5	9.6	8.8	8.1	7.5
	20	0.613	40.5	30.4	24.3	20.2	17.3	15.2	13.5	12.1	11.0	10.1	9.3	8.7
	25	0.686	45.3	33.9	27.2	22.6	19.4	17.0	15.1	13.6	12.3	11.3	10.4	9.7
	30	0.751	49.6	37.2	29.8	24.8	21.3	18.6	16.5	14.9	13.5	12.4	11.4	10.6
	40	0.867	57.2	42.9	34.3	28.6	24.5	21.5	19.1	17.2	15.6	14.3	13.2	12.3
CP4916-91	5	0.327	21.6	16.2	12.9	10.8	9.2	8.1	7.2	6.5	5.9	5.4	5.0	4.6
	10	0.463	30.5	22.9	18.3	15.3	13.1	11.5	10.2	9.2	8.3	7.6	7.0	6.5
	15	0.567	37.4	28.1	22.4	18.7	16.0	14.0	12.5	11.2	10.2	9.4	8.6	8.0
	20	0.654	43.2	32.4	25.9	21.6	18.5	16.2	14.4	12.9	11.8	10.8	10.0	9.2
	25	0.731	48.3	36.2	29.0	24.1	20.7	18.1	16.1	14.5	13.2	12.1	11.1	10.3
	30	0.801	52.9	39.6	31.7	26.4	22.7	19.8	17.6	15.9	14.4	13.2	12.2	11.3
	40	0.929	61.3	46.0	36.8	30.7	26.3	23.0	20.4	18.4	16.7	15.3	14.2	13.1
CP4916-93	5	0.342	22.6	17.0	13.6	11.3	9.7	8.5	7.5	6.8	6.2	5.7	5.2	4.8
	10	0.484	31.9	24.0	19.2	16.0	13.7	12.0	10.6	9.6	8.7	8.0	7.4	6.8
	15	0.593	39.1	29.3	23.5	19.6	16.8	14.7	13.0	11.7	10.7	9.8	9.0	8.4
	20	0.685	45.2	33.9	27.1	22.6	19.4	17.0	15.1	13.6	12.3	11.3	10.4	9.7
	25	0.766	50.5	37.9	30.3	25.3	21.7	19.0	16.8	15.2	13.8	12.6	11.7	10.8
	30	0.838	55.3	41.5	33.2	27.7	23.7	20.7	18.4	16.6	15.1	13.8	12.8	11.9
	40	0.965	63.7	47.7	38.2	31.8	27.3	23.9	21.2	19.1	17.4	15.9	14.7	13.6
CP4916-95	5	0.358	23.6	17.7	14.2	11.8	10.1	8.8	7.9	7.1	6.4	5.9	5.4	5.1
	10	0.506	33.4	25.1	20.0	16.7	14.3	12.5	11.1	10.0	9.1	8.4	7.7	7.2
	15	0.620	40.9	30.7	24.6	20.5	17.5	15.3	13.6	12.3	11.2	10.2	9.4	8.8
	20	0.715	47.2	35.4	28.3	23.6	20.2	17.7	15.7	14.2	12.9	11.8	10.9	10.1
	25	0.799	52.8	39.6	31.7	26.4	22.6	19.8	17.6	15.8	14.4	13.2	12.2	11.3
	30	0.876	57.8	43.4	34.7	28.9	24.8	21.7	19.3	17.3	15.8	14.5	13.3	12.4
	40	1.009	66.6	49.9	40.0	33.3	28.5	25.0	22.2	20.0	18.2	16.6	15.4	14.3
CP4916-98	5	0.391	25.8	19.4	15.5	12.9	11.1	9.7	8.6	7.7	7.0	6.5	6.0	5.5
	10	0.553	36.5	27.4	21.9	18.3	15.6	13.7	12.2	11.0	10.0	9.1	8.4	7.8
	15	0.677	44.7	33.5	26.8	22.4	19.2	16.8	14.9	13.4	12.2	11.2	10.3	9.6
	20	0.782	51.6	38.7	31.0	25.8	22.1	19.4	17.2	15.5	14.1	12.9	11.9	11.1
	25	0.875	57.7	43.3	34.6	28.9	24.7	21.6	19.2	17.3	15.7	14.4	13.3	12.4
	30	0.956	63.1	47.3	37.8	31.5	27.0	23.7	21.0	18.9	17.2	15.8	14.6	13.5
	40	1.106	73.0	54.8	43.8	36.5	31.3	27.4	24.3	21.9	19.9	18.3	16.8	15.6
CP4916-103	5	0.408	26.9	20.2	16.2	13.5	11.5	10.1	9.0	8.1	7.3	6.7	6.2	5.8
	10	0.578	38.1	28.6	22.9	19.1	16.3	14.3	12.7	11.4	10.4	9.5	8.8	8.2
	15	0.708	46.7	35.0	28.0	23.4	20.0	17.5	15.6	14.0	12.7	11.7	10.8	10.0
	20	0.817	53.9	40.4	32.3	27.0	23.1	20.2	18.0	16.2	14.7	13.5	12.4	11.6
	25	0.913	60.3	45.2	36.2	30.1	25.8	22.6	20.1	18.1	16.4	15.1	13.9	12.9
	30	1.000	66.0	49.5	39.6	33.0	28.3	24.8	22.0	19.8	18.0	16.5	15.2	14.1
	40	1.159	76.5	57.4	45.9	38.3	32.8	28.7	25.5	23.0	20.9	19.1	17.7	16.4

28% Nitrogen

28% Nitrogen

28% Nitrogen

GPA Water = GPA 28% x 1.13	Flow Regulators	Capacity 1 nozzle in GPM of 28%	30 in. Spacing											
			Gallons per Acre (GPA) of 28% Nitrogen											
	PSI	3 mph	4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	11 mph	12 mph	13 mph	14 mph	
CP4916-107	5	0.458	30.3	22.7	18.2	15.1	13.0	11.3	10.1	9.1	8.3	7.6	7.0	6.5
	10	0.649	42.8	32.1	25.7	21.4	18.3	16.1	14.3	12.8	11.7	10.7	9.9	9.2
	15	0.794	52.4	39.3	31.5	26.2	22.5	19.7	17.5	15.7	14.3	13.1	12.1	11.2
	20	0.920	60.7	45.6	36.4	30.4	26.0	22.8	20.2	18.2	16.6	15.2	14.0	13.0
	25	1.029	67.9	50.9	40.7	34.0	29.1	25.5	22.6	20.4	18.5	17.0	15.7	14.6
	30	1.124	74.2	55.6	44.5	37.1	31.8	27.8	24.7	22.3	20.2	18.5	17.1	15.9
	40	1.301	85.9	64.4	51.5	42.9	36.8	32.2	28.6	25.8	23.4	21.5	19.8	18.4
CP4916-110	5	0.485	32.0	24.0	19.2	16.0	13.7	12.0	10.7	9.6	8.7	8.0	7.4	6.9
	10	0.686	45.3	33.9	27.2	22.6	19.4	17.0	15.1	13.6	12.3	11.3	10.4	9.7
	15	0.840	55.4	41.6	33.3	27.7	23.8	20.8	18.5	16.6	15.1	13.9	12.8	11.9
	20	0.973	64.2	48.2	38.5	32.1	27.5	24.1	21.4	19.3	17.5	16.1	14.8	13.8
	25	1.088	71.8	53.9	43.1	35.9	30.8	26.9	23.9	21.5	19.6	18.0	16.6	15.4
	30	1.186	78.3	58.7	47.0	39.1	33.5	29.3	26.1	23.5	21.3	19.6	18.1	16.8
	40	1.372	90.5	67.9	54.3	45.3	38.8	33.9	30.2	27.2	24.7	22.6	20.9	19.4
CP4916-115	5	0.535	35.3	26.5	21.2	17.7	15.1	13.3	11.8	10.6	9.6	8.8	8.2	7.6
	10	0.757	49.9	37.5	30.0	25.0	21.4	18.7	16.6	15.0	13.6	12.5	11.5	10.7
	15	0.927	61.2	45.9	36.7	30.6	26.2	22.9	20.4	18.3	16.7	15.3	14.1	13.1
	20	1.071	70.7	53.0	42.4	35.3	30.3	26.5	23.6	21.2	19.3	17.7	16.3	15.1
	25	1.197	79.0	59.3	47.4	39.5	33.9	29.6	26.3	23.7	21.5	19.8	18.2	16.9
	30	1.310	86.4	64.8	51.9	43.2	37.0	32.4	28.8	25.9	23.6	21.6	19.9	18.5
	40	1.513	99.9	74.9	59.9	49.9	42.8	37.5	33.3	30.0	27.2	25.0	23.0	21.4
CP4916-120	5	0.557	36.7	27.6	22.0	18.4	15.7	13.8	12.2	11.0	10.0	9.2	8.5	7.9
	10	0.788	52.0	39.0	31.2	26.0	22.3	19.5	17.3	15.6	14.2	13.0	12.0	11.1
	15	0.965	63.7	47.7	38.2	31.8	27.3	23.9	21.2	19.1	17.4	15.9	14.7	13.6
	20	1.115	73.6	55.2	44.2	36.8	31.5	27.6	24.5	22.1	20.1	18.4	17.0	15.8
	25	1.247	82.3	61.7	49.4	41.1	35.3	30.9	27.4	24.7	22.4	20.6	19.0	17.6
	30	1.363	89.9	67.5	54.0	45.0	38.5	33.7	30.0	27.0	24.5	22.5	20.8	19.3
	40	1.575	104.0	78.0	62.4	52.0	44.6	39.0	34.7	31.2	28.4	26.0	24.0	22.3
CP4916-125	5	0.613	40.5	30.4	24.3	20.2	17.3	15.2	13.5	12.1	11.0	10.1	9.3	8.7
	10	0.867	57.2	42.9	34.3	28.6	24.5	21.5	19.1	17.2	15.6	14.3	13.2	12.3
	15	1.062	70.1	52.6	42.1	35.1	30.0	26.3	23.4	21.0	19.1	17.5	16.2	15.0
	20	1.230	81.2	60.9	48.7	40.6	34.8	30.4	27.1	24.4	22.1	20.3	18.7	17.4
	25	1.375	90.8	68.1	54.5	45.4	38.9	34.0	30.3	27.2	24.8	22.7	20.9	19.5
	30	1.504	99.3	74.5	59.6	49.6	42.6	37.2	33.1	29.8	27.1	24.8	22.9	21.3
	40	1.735	114.5	85.9	68.7	57.2	49.1	42.9	38.2	34.3	31.2	28.6	26.4	24.5
CP4916-128	5	0.638	42.1	31.6	25.3	21.1	18.0	15.8	14.0	12.6	11.5	10.5	9.7	9.0
	10	0.903	59.6	44.7	35.7	29.8	25.5	22.3	19.9	17.9	16.2	14.9	13.7	12.8
	15	1.106	73.0	54.7	43.8	36.5	31.3	27.4	24.3	21.9	19.9	18.2	16.8	15.6
	20	1.274	84.1	63.1	50.5	42.1	36.0	31.5	28.0	25.2	22.9	21.0	19.4	18.0
	25	1.425	94.0	70.5	56.4	47.0	40.3	35.3	31.3	28.2	25.6	23.5	21.7	20.2
	30	1.566	103.4	77.5	62.0	51.7	44.3	38.8	34.5	31.0	28.2	25.8	23.9	22.2
	40	1.805	119.2	89.4	71.5	59.6	51.1	44.7	39.7	35.7	32.5	29.8	27.5	25.5
CP4916-132	5	0.685	45.2	33.9	27.1	22.6	19.4	17.0	15.1	13.6	12.3	11.3	10.4	9.7
	10	0.973	64.2	48.2	38.5	32.1	27.5	24.1	21.4	19.3	17.5	16.1	14.8	13.8
	15	1.192	78.7	59.0	47.2	39.3	33.7	29.5	26.2	23.6	21.5	19.7	18.2	16.9
	20	1.372	90.5	67.9	54.3	45.3	38.8	33.9	30.2	27.2	24.7	22.6	20.9	19.4
	25	1.534	101.2	75.9	60.7	50.6	43.4	38.0	33.7	30.4	27.6	25.3	23.4	21.7
	30	1.681	111.0	83.2	66.6	55.5	47.6	41.6	37.0	33.3	30.3	27.7	25.6	23.8
	40	1.938	127.9	95.9	76.7	64.0	54.8	48.0	42.6	38.4	34.9	32.0	29.5	27.4

28% Nitrogen

28% Nitrogen

28% Nitrogen

GPA Water = GPA 28% x 1.13	Flow Regulators	Capacity 1 nozzle in GPM of 28%	30 in. Spacing											
			Gallons per Acre (GPA) of 28% Nitrogen											
	PSI	3 mph	4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	11 mph	12 mph	13 mph	14 mph	
CP4916-136	5	0.743	49.1	36.8	29.4	24.5	21.0	18.4	16.4	14.7	13.4	12.3	11.3	10.5
	10	1.053	69.5	52.1	41.7	34.8	29.8	26.1	23.2	20.9	19.0	17.4	16.0	14.9
	15	1.290	85.1	63.8	51.1	42.6	36.5	31.9	28.4	25.5	23.2	21.3	19.6	18.2
	20	1.487	98.1	73.6	58.9	49.1	42.1	36.8	32.7	29.4	26.8	24.5	22.6	21.0
	25	1.662	109.7	82.3	65.8	54.9	47.0	41.1	36.6	32.9	29.9	27.4	25.3	23.5
	30	1.823	120.3	90.2	72.2	60.2	51.6	45.1	40.1	36.1	32.8	30.1	27.8	25.8
	40	2.106	139.0	104.3	83.4	69.5	59.6	52.1	46.3	41.7	37.9	34.8	32.1	29.8
CP4916-140	5	0.791	52.2	39.2	31.3	26.1	22.4	19.6	17.4	15.7	14.2	13.1	12.0	11.2
	10	1.124	74.2	55.6	44.5	37.1	31.8	27.8	24.7	22.3	20.2	18.5	17.1	15.9
	15	1.376	90.8	68.1	54.5	45.4	38.9	34.1	30.3	27.3	24.8	22.7	21.0	19.5
	20	1.584	104.5	78.4	62.7	52.3	44.8	39.2	34.8	31.4	28.5	26.1	24.1	22.4
	25	1.771	116.9	87.7	70.1	58.4	50.1	43.8	39.0	35.1	31.9	29.2	27.0	25.0
	30	1.938	127.9	95.9	76.7	64.0	54.8	48.0	42.6	38.4	34.9	32.0	29.5	27.4
	40	2.239	147.8	110.8	88.7	73.9	63.3	55.4	49.3	44.3	40.3	36.9	34.1	31.7
CP4916-144	5	0.819	54.1	40.6	32.5	27.0	23.2	20.3	18.0	16.2	14.8	13.5	12.5	11.6
	10	1.159	76.5	57.4	45.9	38.3	32.8	28.7	25.5	23.0	20.9	19.1	17.7	16.4
	15	1.420	93.7	70.3	56.2	46.9	40.2	35.1	31.2	28.1	25.6	23.4	21.6	20.1
	20	1.637	108.1	81.0	64.8	54.0	46.3	40.5	36.0	32.4	29.5	27.0	24.9	23.2
	25	1.830	120.8	90.6	72.5	60.4	51.8	45.3	40.3	36.2	32.9	30.2	27.9	25.9
	30	2.009	132.6	99.4	79.6	66.3	56.8	49.7	44.2	39.8	36.2	33.1	30.6	28.4
	40	2.319	153.0	114.8	91.8	76.5	65.6	57.4	51.0	45.9	41.7	38.3	35.3	32.8
CP4916-147	5	0.843	55.7	41.7	33.4	27.8	23.9	20.9	18.6	16.7	15.2	13.9	12.8	11.9
	10	1.195	78.8	59.1	47.3	39.4	33.8	29.6	26.3	23.7	21.5	19.7	18.2	16.9
	15	1.463	96.6	72.4	57.9	48.3	41.4	36.2	32.2	29.0	26.3	24.1	22.3	20.7
	20	1.690	111.6	83.7	66.9	55.8	47.8	41.8	37.2	33.5	30.4	27.9	25.7	23.9
	25	1.890	124.7	93.5	74.8	62.4	53.5	46.8	41.6	37.4	34.0	31.2	28.8	26.7
	30	2.062	136.1	102.1	81.7	68.0	58.3	51.0	45.4	40.8	37.1	34.0	31.4	29.2
	40	2.389	157.7	118.3	94.6	78.8	67.6	59.1	52.6	47.3	43.0	39.4	36.4	33.8
CP4916-151	5	0.920	60.7	45.6	36.4	30.4	26.0	22.8	20.2	18.2	16.6	15.2	14.0	13.0
	10	1.301	85.9	64.4	51.5	42.9	36.8	32.2	28.6	25.8	23.4	21.5	19.8	18.4
	15	1.593	105.2	78.9	63.1	52.6	45.1	39.4	35.1	31.5	28.7	26.3	24.3	22.5
	20	1.841	121.5	91.1	72.9	60.7	52.1	45.6	40.5	36.4	33.1	30.4	28.0	26.0
	25	2.058	135.8	101.9	81.5	67.9	58.2	50.9	45.3	40.7	37.0	34.0	31.3	29.1
	30	2.257	148.9	111.7	89.4	74.5	63.8	55.9	49.6	44.7	40.6	37.2	34.4	31.9
	40	2.602	171.7	128.8	103.0	85.9	73.6	64.4	57.2	51.5	46.8	42.9	39.6	36.8
CP4916-156	5	0.973	64.2	48.2	38.5	32.1	27.5	24.1	21.4	19.3	17.5	16.1	14.8	13.8
	10	1.372	90.5	67.9	54.3	45.3	38.8	33.9	30.2	27.2	24.7	22.6	20.9	19.4
	15	1.680	110.9	83.2	66.5	55.4	47.5	41.6	37.0	33.3	30.2	27.7	25.6	23.8
	20	1.947	128.5	96.4	77.1	64.2	55.1	48.2	42.8	38.5	35.0	32.1	29.7	27.5
	25	2.177	143.7	107.7	86.2	71.8	61.6	53.9	47.9	43.1	39.2	35.9	33.2	30.8
	30	2.381	157.1	117.8	94.3	78.6	67.3	58.9	52.4	47.1	42.8	39.3	36.3	33.7
	40	2.752	181.6	136.2	109.0	90.8	77.8	68.1	60.5	54.5	49.5	45.4	41.9	38.9
CP4916-161	5	1.018	67.2	50.4	40.3	33.6	28.8	25.2	22.4	20.2	18.3	16.8	15.5	14.4
	10	1.442	95.2	71.4	57.1	47.6	40.8	35.7	31.7	28.6	26.0	23.8	22.0	20.4
	15	1.767	116.6	87.5	70.0	58.3	50.0	43.7	38.9	35.0	31.8	29.2	26.9	25.0
	20	2.044	134.9	101.2	81.0	67.5	57.8	50.6	45.0	40.5	36.8	33.7	31.1	28.9
	25	2.286	150.8	113.1	90.5	75.4	64.6	56.6	50.3	45.3	41.1	37.7	34.8	32.3
	30	2.504	165.3	124.0	99.2	82.6	70.8	62.0	55.1	49.6	45.1	41.3	38.1	35.4
	40	2.894	191.0	143.2	114.6	95.5	81.9	71.6	63.7	57.3	52.1	47.7	44.1	40.9

28% Nitrogen

28% Nitrogen

28% Nitrogen

GPA Water = GPA 28% x 1.13	Flow Regulators	Capacity 1 nozzle in GPM of 28%	30 in. Spacing											
			Gallons per Acre (GPA) of 28% Nitrogen											
	PSI	3 mph	4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	11 mph	12 mph	13 mph	14 mph	
CP4916-166	5	1.071	70.7	53.0	42.4	35.3	30.3	26.5	23.6	21.2	19.3	17.7	16.3	15.1
	10	1.522	100.5	75.3	60.3	50.2	43.1	37.7	33.5	30.1	27.4	25.1	23.2	21.5
	15	1.864	123.0	92.3	73.8	61.5	52.7	46.1	41.0	36.9	33.6	30.8	28.4	26.4
	20	2.150	141.9	106.4	85.2	71.0	60.8	53.2	47.3	42.6	38.7	35.5	32.8	30.4
	25	2.404	158.7	119.0	95.2	79.3	68.0	59.5	52.9	47.6	43.3	39.7	36.6	34.0
	30	2.628	173.5	130.1	104.1	86.7	74.3	65.1	57.8	52.0	47.3	43.4	40.0	37.2
	40	3.035	200.3	150.3	120.2	100.2	85.9	75.1	66.8	60.1	54.6	50.1	46.2	42.9
CP4916-170	5	1.150	75.9	56.9	45.6	38.0	32.5	28.5	25.3	22.8	20.7	19.0	17.5	16.3
	10	1.628	107.5	80.6	64.5	53.7	46.1	40.3	35.8	32.2	29.3	26.9	24.8	23.0
	15	1.994	131.6	98.7	79.0	65.8	56.4	49.4	43.9	39.5	35.9	32.9	30.4	28.2
	20	2.310	152.4	114.3	91.5	76.2	65.3	57.2	50.8	45.7	41.6	38.1	35.2	32.7
	25	2.582	170.4	127.8	102.3	85.2	73.0	63.9	56.8	51.1	46.5	42.6	39.3	36.5
	30	2.823	186.3	139.7	111.8	93.2	79.9	69.9	62.1	55.9	50.8	46.6	43.0	39.9
	40	3.265	215.5	161.6	129.3	107.8	92.4	80.8	71.8	64.7	58.8	53.9	49.7	46.2
CP4916-172	5	1.204	79.4	59.6	47.7	39.7	34.0	29.8	26.5	23.8	21.7	19.9	18.3	17.0
	10	1.699	112.1	84.1	67.3	56.1	48.1	42.1	37.4	33.6	30.6	28.0	25.9	24.0
	15	2.081	137.3	103.0	82.4	68.7	58.9	51.5	45.8	41.2	37.5	34.3	31.7	29.4
	20	2.398	158.3	118.7	95.0	79.1	67.8	59.4	52.8	47.5	43.2	39.6	36.5	33.9
	25	2.681	177.0	132.7	106.2	88.5	75.8	66.4	59.0	53.1	48.3	44.2	40.8	37.9
	30	2.938	193.9	145.4	116.3	97.0	83.1	72.7	64.6	58.2	52.9	48.5	44.7	41.6
	40	3.398	224.3	168.2	134.6	112.1	96.1	84.1	74.8	67.3	61.2	56.1	51.8	48.1
CP4916-177	5	1.248	82.4	61.8	49.4	41.2	35.3	30.9	27.5	24.7	22.5	20.6	19.0	17.6
	10	1.770	116.8	87.6	70.1	58.4	50.1	43.8	38.9	35.0	31.9	29.2	27.0	25.0
	15	2.168	143.1	107.3	85.8	71.5	61.3	53.7	47.7	42.9	39.0	35.8	33.0	30.7
	20	2.504	165.3	124.0	99.2	82.6	70.8	62.0	55.1	49.6	45.1	41.3	38.1	35.4
	25	2.800	184.8	138.6	110.9	92.4	79.2	69.3	61.6	55.4	50.4	46.2	42.6	39.6
	30	3.062	202.1	151.6	121.3	101.0	86.6	75.8	67.4	60.6	55.1	50.5	46.6	43.3
	40	3.540	233.6	175.2	140.2	116.8	100.1	87.6	77.9	70.1	63.7	58.4	53.9	50.1
CP4916-182	5	1.301	85.9	64.4	51.5	42.9	36.8	32.2	28.6	25.8	23.4	21.5	19.8	18.4
	10	1.841	121.5	91.1	72.9	60.7	52.1	45.6	40.5	36.4	33.1	30.4	28.0	26.0
	15	2.254	148.8	111.6	89.3	74.4	63.8	55.8	49.6	44.6	40.6	37.2	34.3	31.9
	20	2.611	172.3	129.2	103.4	86.2	73.8	64.6	57.4	51.7	47.0	43.1	39.8	36.9
	25	2.919	192.6	144.5	115.6	96.3	82.6	72.2	64.2	57.8	52.5	48.2	44.5	41.3
	30	3.195	210.8	158.1	126.5	105.4	90.4	79.1	70.3	63.3	57.5	52.7	48.7	45.2
	40	3.690	243.6	182.7	146.1	121.8	104.4	91.3	81.2	73.1	66.4	60.9	56.2	52.2
CP4916-187	5	1.381	91.1	68.3	54.7	45.6	39.0	34.2	30.4	27.3	24.8	22.8	21.0	19.5
	10	1.956	129.1	96.8	77.4	64.5	55.3	48.4	43.0	38.7	35.2	32.3	29.8	27.7
	15	2.395	158.1	118.6	94.9	79.0	67.8	59.3	52.7	47.4	43.1	39.5	36.5	33.9
	20	2.761	182.2	136.7	109.3	91.1	78.1	68.3	60.7	54.7	49.7	45.6	42.1	39.0
	25	3.087	203.7	152.8	122.2	101.9	87.3	76.4	67.9	61.1	55.6	50.9	47.0	43.7
	30	3.381	223.1	167.3	133.9	111.6	95.6	83.7	74.4	66.9	60.8	55.8	51.5	47.8
	40	3.903	257.6	193.2	154.5	128.8	110.4	96.6	85.9	77.3	70.2	64.4	59.4	55.2
CP4916-196	5	1.531	101.0	75.8	60.6	50.5	43.3	37.9	33.7	30.3	27.6	25.3	23.3	21.7
	10	2.168	143.1	107.3	85.9	71.5	61.3	53.7	47.7	42.9	39.0	35.8	33.0	30.7
	15	2.655	175.3	131.4	105.2	87.6	75.1	65.7	58.4	52.6	47.8	43.8	40.4	37.6
	20	3.062	202.1	151.6	121.3	101.0	86.6	75.8	67.4	60.6	55.1	50.5	46.6	43.3
	25	3.423	225.9	169.5	135.6	113.0	96.8	84.7	75.3	67.8	61.6	56.5	52.1	48.4
	30	3.752	247.6	185.7	148.6	123.8	106.1	92.9	82.5	74.3	67.5	61.9	57.1	53.1
	40	4.336	286.2	214.6	171.7	143.1	122.7	107.3	95.4	85.9	78.1	71.5	66.0	61.3

28% Nitrogen

28% Nitrogen

28% Nitrogen

GPA Water = GPA 28% x 1.13	Flow Regulators	Capacity 1 nozzle in GPM of 28%	30 in. Spacing											
			Gallons per Acre (GPA) of 28% Nitrogen											
	PSI	3 mph	4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	11 mph	12 mph	13 mph	14 mph	
CP4916-205	5	1.664	109.8	82.4	65.9	54.9	47.1	41.2	36.6	32.9	29.9	27.5	25.3	23.5
	10	2.345	154.8	116.1	92.9	77.4	66.3	58.0	51.6	46.4	42.2	38.7	35.7	33.2
	15	2.872	189.6	142.2	113.7	94.8	81.2	71.1	63.2	56.9	51.7	47.4	43.7	40.6
	20	3.319	219.0	164.3	131.4	109.5	93.9	82.1	73.0	65.7	59.7	54.8	50.5	46.9
	25	3.710	244.9	183.7	146.9	122.4	104.9	91.8	81.6	73.5	66.8	61.2	56.5	52.5
	30	4.062	268.1	201.1	160.9	134.0	114.9	100.5	89.4	80.4	73.1	67.0	61.9	57.4
	40	4.699	310.1	232.6	186.1	155.1	132.9	116.3	103.4	93.0	84.6	77.5	71.6	66.5
CP4916-218	5	1.867	123.2	92.4	73.9	61.6	52.8	46.2	41.1	37.0	33.6	30.8	28.4	26.4
	10	2.637	174.1	130.5	104.4	87.0	74.6	65.3	58.0	52.2	47.5	43.5	40.2	37.3
	15	3.230	213.2	159.9	127.9	106.6	91.4	79.9	71.1	64.0	58.1	53.3	49.2	45.7
	20	3.726	245.9	184.4	147.5	122.9	105.4	92.2	82.0	73.8	67.1	61.5	56.7	52.7
	25	4.165	274.9	206.2	165.0	137.5	117.8	103.1	91.6	82.5	75.0	68.7	63.4	58.9
	30	4.566	301.4	226.0	180.8	150.7	129.2	113.0	100.5	90.4	82.2	75.3	69.5	64.6
	40	5.274	348.1	261.1	208.9	174.1	149.2	130.5	116.0	104.4	94.9	87.0	80.3	74.6
CP4916-234	5	2.168	143.1	107.3	85.9	71.5	61.3	53.7	47.7	42.9	39.0	35.8	33.0	30.7
	10	3.071	202.7	152.0	121.6	101.3	86.9	76.0	67.6	60.8	55.3	50.7	46.8	43.4
	15	3.761	248.2	186.2	148.9	124.1	106.4	93.1	82.7	74.5	67.7	62.1	57.3	53.2
	20	4.345	286.8	215.1	172.1	143.4	122.9	107.5	95.6	86.0	78.2	71.7	66.2	61.5
	25	4.858	320.6	240.5	192.4	160.3	137.4	120.2	106.9	96.2	87.4	80.2	74.0	68.7
	30	5.319	351.0	263.3	210.6	175.5	150.4	131.6	117.0	105.3	95.7	87.8	81.0	75.2
	40	6.142	405.3	304.0	243.2	202.7	173.7	152.0	135.1	121.6	110.5	101.3	93.5	86.9
CP4916-250	5	2.504	165.3	124.0	99.2	82.6	70.8	62.0	55.1	49.6	45.1	41.3	38.1	35.4
	10	3.540	233.6	175.2	140.2	116.8	100.1	87.6	77.9	70.1	63.7	58.4	53.9	50.1
	15	4.335	286.1	214.6	171.7	143.1	122.6	107.3	95.4	85.8	78.0	71.5	66.0	61.3
	20	5.009	330.6	247.9	198.4	165.3	141.7	124.0	110.2	99.2	90.2	82.6	76.3	70.8
	25	5.600	369.6	277.2	221.8	184.8	158.4	138.6	123.2	110.9	100.8	92.4	85.3	79.2
	30	6.133	404.8	303.6	242.9	202.4	173.5	151.8	134.9	121.4	110.4	101.2	93.4	86.7
	40	7.080	467.3	350.4	280.4	233.6	200.3	175.2	155.8	140.2	127.4	116.8	107.8	100.1