

ID selection														
Nozzle	PSI	Capacity per nozzle		GALLONS / ACRE										
		G P M	oz./min.	4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	12 mph	14 mph	16 mph	18 mph
Orange ID 80-01 110-01	40	0.10	13	7.4	5.9	5.0	4.2	3.7	3.3	3.0	2.5	2.1	1.9	1.7
	50	0.11	14	8.2	6.5	5.4	4.7	4.1	3.6	3.3	2.7	2.3	2.0	1.8
	60	0.12	15	8.9	7.1	5.9	5.1	4.5	4.0	3.6	3.0	2.5	2.2	2.0
	70	0.13	17	9.7	7.7	6.4	5.5	4.8	4.3	3.9	3.2	2.8	2.4	2.1
	80	0.14	18	10.4	8.3	6.9	5.9	5.2	4.6	4.2	3.5	3.0	2.6	2.3
	90	0.15	19	11.1	8.9	7.4	6.4	5.6	5.0	4.5	3.7	3.2	2.8	2.5
Green ID 80-015 110-015	100	0.16	20	11.9	9.5	7.9	6.8	5.9	5.3	4.8	4.0	3.4	3.0	2.6
	40	0.15	19	11.1	8.9	7.4	6.4	5.6	5.0	4.5	3.7	3.2	2.8	2.5
	50	0.17	22	12.6	10.1	8.4	7.2	6.3	5.6	5.0	4.2	3.6	3.2	2.8
	60	0.18	23	13.4	10.7	8.9	7.6	6.7	5.9	5.3	4.5	3.8	3.3	3.0
	70	0.20	26	14.9	11.9	9.9	8.5	7.4	6.6	5.9	5.0	4.2	3.7	3.3
	80	0.21	27	15.6	12.5	10.4	8.9	7.8	6.9	6.2	5.2	4.5	3.9	3.5
Yellow ID 80-02 10-02	90	0.23	29	17.1	13.7	11.4	9.8	8.5	7.6	6.8	5.7	4.9	4.3	3.8
	100	0.24	31	17.8	14.3	11.9	10.2	8.9	7.9	7.1	5.9	5.1	4.5	4.0
	40	0.20	26	14.9	11.9	9.9	8.5	7.4	6.6	5.9	5.0	4.2	3.7	3.3
	50	0.22	28	16.3	13.1	10.9	9.3	8.2	7.3	6.5	5.4	4.7	4.1	3.6
	60	0.24	31	17.8	14.3	11.9	10.2	8.9	7.9	7.1	5.9	5.1	4.5	4.0
	70	0.26	33	19.3	15.4	12.9	11.0	9.7	8.6	7.7	6.4	5.5	4.8	4.3
Violet ID 80-025 110-025	80	0.28	36	20.8	16.6	13.9	11.9	10.4	9.2	8.3	6.9	5.9	5.2	4.6
	90	0.30	38	22.3	17.8	14.9	12.7	11.1	9.9	8.9	7.4	6.4	5.6	5.0
	100	0.32	41	23.8	19.0	15.8	13.6	11.9	10.6	9.5	7.9	6.8	5.9	5.3
	40	0.25	32	18.6	14.9	12.4	10.6	9.3	8.3	7.4	6.2	5.3	4.6	4.1
	50	0.28	36	20.8	16.6	13.9	11.9	10.4	9.2	8.3	6.9	5.9	5.2	4.6
	60	0.31	40	23.0	18.4	15.3	13.2	11.5	10.2	9.2	7.7	6.6	5.8	5.1
Blue ID 80-03 110-03	70	0.33	42	24.5	19.6	16.3	14.0	12.3	10.9	9.8	8.2	7.0	6.1	5.4
	80	0.35	45	26.0	20.8	17.3	14.9	13.0	11.6	10.4	8.7	7.4	6.5	5.8
	90	0.38	49	28.2	22.6	18.8	16.1	14.1	12.5	11.3	9.4	8.1	7.1	6.3
	100	0.40	51	29.7	23.8	19.8	17.0	14.9	13.2	11.9	9.9	8.5	7.4	6.6
	40	0.30	38	22.3	17.8	14.9	12.7	11.1	9.9	8.9	7.4	6.4	5.6	5.0
	50	0.34	44	25.2	20.2	16.8	14.4	12.6	11.2	10.1	8.4	7.2	6.3	5.6
Red ID 80-04 110-04	60	0.37	47	27.5	22.0	18.3	15.7	13.7	12.2	11.0	9.2	7.8	6.9	6.1
	70	0.40	51	29.7	23.8	19.8	17.0	14.9	13.2	11.9	9.9	8.5	7.4	6.6
	80	0.42	54	31.2	24.9	20.8	17.8	15.6	13.9	12.5	10.4	8.9	7.8	6.9
	90	0.45	58	33.4	26.7	22.3	19.1	16.7	14.9	13.4	11.1	9.5	8.4	7.4
	100	0.47	60	34.9	27.9	23.3	19.9	17.4	15.5	14.0	11.6	10.0	8.7	7.8
	40	0.40	51	29.7	23.8	19.8	17.0	14.9	13.2	11.9	9.9	8.5	7.4	6.6
Brown ID 80-05 110-05	50	0.45	58	33.4	26.7	22.3	19.1	16.7	14.9	13.4	11.1	9.5	8.4	7.4
	60	0.49	63	36.4	29.1	24.3	20.8	18.2	16.2	14.6	12.1	10.4	9.1	8.1
	70	0.53	68	39.4	31.5	26.2	22.5	19.7	17.5	15.7	13.1	11.2	9.8	8.7
	80	0.57	73	42.3	33.9	28.2	24.2	21.2	18.8	16.9	14.1	12.1	10.6	9.4
	90	0.60	77	44.6	35.6	29.7	25.5	22.3	19.8	17.8	14.9	12.7	11.1	9.9
	100	0.63	81	46.8	37.4	31.2	26.7	23.4	20.8	18.7	15.6	13.4	11.7	10.4
Gray ID 80-06 110-06	40	0.50	64	37.1	29.7	24.8	21.2	18.6	16.5	14.9	12.4	10.6	9.3	8.3
	50	0.56	72	41.6	33.3	27.7	23.8	20.8	18.5	16.6	13.9	11.9	10.4	9.2
	60	0.61	78	45.3	36.2	30.2	25.9	22.6	20.1	18.1	15.1	12.9	11.3	10.1
	70	0.66	84	49.0	39.2	32.7	28.0	24.5	21.8	19.6	16.3	14.0	12.3	10.9
	80	0.71	91	52.7	42.2	35.1	30.1	26.4	23.4	21.1	17.6	15.1	13.2	11.7
	90	0.75	96	55.7	44.6	37.1	31.8	27.8	24.8	22.3	18.6	15.9	13.9	12.4
White ID 80-08 110-08	100	0.79	101	58.7	46.9	39.1	33.5	29.3	26.1	23.5	19.6	16.8	14.7	13.0
	40	0.60	77	44.6	35.6	29.7	25.5	22.3	19.8	17.8	14.9	12.7	11.1	9.9
	50	0.67	86	49.7	39.8	33.2	28.4	24.9	22.1	19.9	16.6	14.2	12.4	11.1
	60	0.73	93	54.2	43.4	36.1	31.0	27.1	24.1	21.7	18.1	15.5	13.6	12.0
	70	0.79	101	58.7	46.9	39.1	33.5	29.3	26.1	23.5	19.6	16.8	14.7	13.0
	80	0.85	109	63.1	50.5	42.1	36.1	31.6	28.1	25.2	21.0	18.0	15.8	14.0
	90	0.90	115	66.8	53.5	44.6	38.2	33.4	29.7	26.7	22.3	19.1	16.7	14.9
	100	0.95	122	70.5	56.4	47.0	40.3	35.3	31.4	28.2	23.5	20.2	17.6	15.7
	40	0.60	77	44.6	35.6	29.7	25.5	22.3	19.8	17.8	14.9	12.7	11.1	9.9
	50	0.67	86	49.7	39.8	33.2	28.4	24.9	22.1	19.9	16.6	14.2	12.4	11.1
	60	0.73	93	54.2	43.4	36.1	31.0	27.1	24.1	21.7	18.1	15.5	13.6	12.0
	70	0.79	101	58.7	46.9	39.1	33.5	29.3	26.1	23.5	19.6	16.8	14.7	13.0
	80	0.85	109	63.1	50.5	42.1	36.1	31.6	28.1	25.2	21.0	18.0	15.8	14.0
	90	0.90	115	66.8	53.5	44.6	38.2	33.4	29.7	26.7	22.3	19.1	16.7	14.9
	100	0.95	122	70.5	56.4	47.0	40.3	35.3	31.4	28.2	23.5	20.2	17.6	15.7
	40	0.60	77	44.6	35.6	29.7	25.5	22.3	19.8	17.8	14.9	12.7	11.1	9.9
	50	0.67	86	49.7	39.8	33.2	28.4	24.9	22.1	19.9	16.6	14.2	12.4	11.1
	60	0.73	93	54.2	43.4	36.1	31.0	27.1	24.1	21.7	18.1	15.5	13.6	12.0
	70	0.79	101	58.7	46.9	39.1	33.5	29.3	26.1	23.5	19.6	16.8	14.7	13.0
	80	0.85	109	63.1	50.5	42.1	36.1	31.6	28.1	25.2	21.0	18.0	15.8	14.0
	90	0.90	115	66.8	53.5	44.6	38.2	33.4	29.7	26.7	22.3	19.1	16.7	14.9
	100	0.95	122	70.5	56.4	47.0	40.3	35.3	31.4	28.2	23.5	20.2	17.6	15.7
	40	0.60	77	44.6	35.6	29.7	25.5	22.3	19.8	17.8	14.9	12.7	11.1	9.9
	50	0.67	86	49.7	39.8	33.2	28.4	24.9	22.1	19.9	16.6	14.2	12.4	11.1
	60	0.73	93	54.2	43.4	36.1	31.0	27.1	24.1	21.7	18.1	15.5	13.6	12.0
	70	0.79	101	58.7	46.9	39.1	33.5	29.3	26.1	23.5	19.6	16.8	14.7	13.0
	80	0.85	109	63.1	50.5	42.1	36.1	31.6	28.1	25.2	21.0	18.0	15.8	14.0
	90	0.90	115	66.8	53.5	44.6	38.2	33.4	29.7	26.7	22.3	19.1	16.7	14.9
	100	0.95	122	70.5	56.4	47.0	40.3	35.3	31.4	28.2	23.5	20.2	17.6	15.7
	40	0.60	77	44.6	35.6	29.7	25.5	22.3	19.8	17.8	14.9	12.7	11.1	9.9
	50	0.67	86	49.7	39.8	33.2	28.4	24.9	22.1	19.9	16.6	14.2	12.4	11.1
	60	0.73	93	54.2	43.4	36.1	31.0	27.1	24.1	21.7	18.1	15.5	13.6	12.0
	70	0.79	101	58.7	46.9	39.1	33.5	29.3	26.1	23.5	19.6	16.8	14.7	13.0
	80	0.85	109	63.1	50.5	42.1	36.1	31.6	28.1	25.2	21.0	18.0	15.8	14.0
	90	0.90	115	66.8	53.5	44.6	38.2	33.4	29.7	26.7	22.3	19.1	16.7	14.9
	100	0.95	122	70.5	56.4	47.0	40.3	35.3	31.4	28.2	23.5	20.2	17.6	15.7
Spray pressure at nozzle tip (gauged with diaphragm valve)				Ordering examples										
GPM rates are for water				Type	Spray Angle	Tip Size	Material	=	Order No.					
Verify data by measuring flow rates before each spraying season				ID	110	025	(polymer)	=	ID 110-025					
				ID	110	025	(ceramic) C	=	ID 110-025C					