

IDK Selection Chart

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
Green IDK 110-015	15	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
	20	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
	30	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
	40	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
	60	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 IDK 110-02	15	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
	20	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
	30	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
	40	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
	60	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
	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
Violet IDK 110-025	15	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
	20	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
	30	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
	40	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
	60	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
Blue IDK 110-03	15	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
	20	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
	30	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
	40	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
	60	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
Red IDK 110-04	15	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
	20	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
	30	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
	40	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
	60	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
Brown IDK 110-05	15	0.43	55	31.9	25.5	21.3	18.2	16.0	14.2	12.8	10.6	9.1	8.0	7.1
	20	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
	30	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
	40	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
	60	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

Spray pressure at nozzle tip (gauged with diaphragm valve)
 GPM rates are for water
 Verify data by measuring flow rates before each spraying season

Ordering example

Type Spray Angle Tip Size = Order Number
 IDK 110 015 = IDK 110-015