

NOZZLE NO.	PIPE CONN.	PRESSURE PS.I.	CAPACITY G.P.M.	RATE OF APPLICATION - GALLONS PER ACRE BASED ON SOLUTION WEIGHING 11 LBS. PER GALLON (80" NOZZLE SPACING)											
				3.5	4	5	6	6.5	7	7.5	8	9	10	11	12
				MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH
1/8KSS 2	1/8"	20	.25	5.2	4.6	3.7	3.0	2.8	2.6	2.4	2.3	2.0	1.8	1.7	1.5
		30	.30	6.4	5.6	4.5	3.7	3.4	3.2	3.0	2.8	2.5	2.2	2.0	1.9
		40	.35	7.4	6.5	5.2	4.3	4.0	3.7	3.5	3.2	2.9	2.6	2.4	2.2
		50	.39	8.3	7.2	5.8	4.8	4.4	4.1	3.9	3.6	3.2	2.9	2.6	2.4
		60	.43	9.0	7.9	6.3	5.3	4.9	4.5	4.2	4.0	3.5	3.2	2.9	2.6
		70	.46	9.8	8.5	6.8	5.7	5.3	4.9	4.6	4.3	3.8	3.4	3.1	2.8
		80	.49	10.4	9.1	7.3	6.1	5.6	5.2	4.9	4.6	4.1	3.7	3.3	3.0
		90	.52	11.0	9.7	7.7	6.4	5.9	5.5	5.2	4.8	4.3	3.9	3.5	3.2
		100	.55	11.7	10.2	8.2	6.8	6.3	5.8	5.4	5.1	4.5	4.1	3.7	3.4
		110	.58	12.2	10.7	8.5	7.1	6.6	6.1	5.7	5.3	4.7	4.3	3.9	3.6
		120	.60	12.8	11.2	8.9	7.4	6.9	6.4	6.0	5.6	5.0	4.5	4.1	3.7
		130	.63	13.3	11.6	9.3	7.8	7.2	6.6	6.2	5.8	5.2	4.7	4.2	3.9
		140	.65	13.8	12.1	9.7	8.0	7.4	6.9	6.4	6.0	5.4	4.8	4.4	4.0
		150	.67	14.3	12.5	10.0	8.3	7.7	7.2	6.7	6.3	5.6	5.0	4.6	4.2
		1/8KSS 3	1/8"	20	.37	7.8	6.8	5.5	4.6	4.2	3.9	3.7	3.4	3.0	2.7
30	.45			9.6	8.4	6.7	5.6	5.2	4.8	4.5	4.2	3.7	3.4	3.1	2.8
40	.52			11.0	9.7	7.7	6.4	5.9	5.5	5.2	4.8	4.3	3.9	3.5	3.2
50	.58			12.4	10.8	8.7	7.2	6.7	6.2	5.8	5.4	4.8	4.3	3.9	3.6
60	.64			13.5	11.8	9.5	7.9	7.3	6.8	6.3	5.9	5.3	4.7	4.3	4.0
70	.69			14.6	12.8	10.2	8.5	7.9	7.3	6.8	6.4	5.7	5.1	4.7	4.3
80	.74			15.6	13.7	11.0	9.1	8.4	7.8	7.3	6.8	6.1	5.5	5.0	4.6
90	.78			16.6	14.5	11.6	9.7	8.9	8.3	7.8	7.3	6.5	5.8	5.3	4.8
100	.83			17.5	15.3	12.3	10.2	9.4	8.8	8.2	7.7	6.8	6.1	5.6	5.1
110	.87			18.3	16.0	12.8	10.7	9.9	9.2	8.6	8.0	7.1	6.4	5.8	5.3
120	.90			19.2	16.8	13.4	11.2	10.3	9.6	8.9	8.4	7.5	6.7	6.1	5.6
130	.94			19.9	17.4	14.0	11.6	10.7	10.0	9.3	8.7	7.8	7.0	6.3	5.8
140	.98			21	18.1	14.5	12.1	11.1	10.3	9.7	9.1	8.0	7.3	6.6	6.0
150	1.0			22	18.8	15.0	12.5	11.5	10.7	10.0	9.4	8.3	7.5	6.8	6.3
1/8KSS 5	1/8"			20	.62	13.0	11.4	9.1	7.6	7.0	6.5	6.1	5.7	5.1	4.6
		30	.75	16.0	14.0	11.2	9.3	8.6	8.0	7.5	7.0	6.2	5.6	5.1	4.7
		40	.87	18.4	16.1	12.9	10.8	9.9	9.2	8.6	8.1	7.2	6.5	5.9	5.4
		50	.97	21	18.0	14.4	12.0	11.1	10.3	9.6	9.0	8.0	7.2	6.6	6.0
		60	1.07	23	19.8	15.8	13.2	12.2	11.3	10.6	9.9	8.8	7.9	7.2	6.6
		70	1.15	24	21	17.1	14.3	13.2	12.2	11.4	10.7	9.5	8.6	7.8	7.1
		80	1.23	26	23	18.3	15.3	14.1	13.1	12.2	11.5	10.2	9.2	8.3	7.6
		90	1.31	28	24	19.4	16.2	14.9	13.9	12.9	12.1	10.8	9.7	8.8	8.1
		100	1.38	29	26	20	17.0	15.7	14.6	13.6	12.8	11.4	10.2	9.3	8.5
		110	1.44	31	27	21	17.9	16.5	15.3	14.3	13.4	11.9	10.7	9.7	8.9
		120	1.51	32	28	22	18.7	17.2	16.0	14.9	14.0	12.4	11.2	10.2	9.3
		130	1.57	33	29	23	19.4	17.9	16.6	15.5	14.6	13.0	11.7	10.6	9.7
		140	1.63	35	30	24	20	18.6	17.3	16.1	15.1	13.4	12.1	11.0	10.1
		150	1.7	36	31	25	21	19.2	17.9	16.7	15.7	13.9	12.5	11.4	10.4
		1/8KSS 7.5	1/8"	20	.92	19.6	17.1	13.7	11.4	10.5	9.8	9.1	8.6	7.6	6.8
30	1.1			24	21	16.8	14.0	12.9	12.0	11.2	10.5	9.3	8.4	7.6	7.0
40	1.3			28	24	19.4	16.2	14.9	13.9	12.9	12.1	10.8	9.7	8.8	8.1
50	1.5			31	27	22	18.1	16.7	15.5	14.4	13.5	12.0	10.8	9.8	9.0
60	1.6			34	30	24	19.8	18.2	17.0	15.8	14.8	13.2	11.9	10.8	9.9
70	1.7			37	32	26	21	19.7	18.3	17.1	16.0	14.2	12.8	11.6	10.7
80	1.8			39	34	27	23	21	19.6	18.3	17.1	15.2	13.7	12.4	11.5
90	2.0			42	36	29	24	22	21	19.4	18.2	16.2	14.5	13.2	12.1
100	2.1			44	38	31	26	24	22	20	19.1	17.0	15.3	13.9	12.7
110	2.2			46	40	32	27	25	23	21	20	17.8	16.0	14.6	13.4
120	2.3			48	42	34	28	26	24	22	21	18.6	16.8	15.3	14.0
130	2.35			50	44	35	29	27	25	23	22	19.4	17.4	15.9	14.5
140	2.44			52	45	36	30	28	26	24	23	20	18.1	16.5	15.1
150	2.5			54	47	38	31	29	27	25	24	21	18.8	17.0	15.6
1/8KSS 10	1/8"			20	1.2	26	23	18.3	15.2	14.1	13.1	12.2	11.4	10.1	9.1
		30	1.5	32	28	22	18.7	17.2	16.0	14.9	14.0	12.5	11.2	10.2	9.3
		40	1.7	37	32	26	22	19.9	18.5	17.2	16.2	14.4	12.9	11.8	10.8
		50	1.9	41	36	29	24	22	21	19.3	18.1	16.1	14.5	13.1	12.0
		60	2.1	45	40	32	26	24	23	21	19.8	17.6	15.8	14.4	13.2
		70	2.3	49	43	34	28	26	24	23	21	19.0	17.1	15.5	14.2
		80	2.5	52	46	37	30	28	26	24	23	20	18.3	16.6	15.2
		90	2.6	55	48	39	32	30	28	26	24	22	19.4	17.6	16.1
		100	2.8	58	51	41	34	31	29	27	26	23	20	18.5	17.0
		110	2.9	61	54	43	36	33	31	29	27	24	21	19.5	17.9
		120	3.0	64	56	45	37	35	32	30	28	25	22	20	18.7
		130	3.1	67	58	47	39	36	33	31	29	26	23	21	19.4
		140	3.3	69	60	48	40	37	35	32	30	27	24	22	20
		150	3.4	71	63	50	42	39	36	33	31	28	25	23	21

SPRAYING SYSTEMS CO.
Engineers and Manufacturers
 NORTH AVENUE AT SCHMALE ROAD • WHEATON, ILLINOIS 60187
 DR. BY L.R. DWG. NO. 11789
 DATE 8-5-74 SHEET 1 OF 2

DESCRIPTION
 GALLONS PER ACRE
 USING FLOODJET NOZZLES
 BASED ON 11 LB./GAL. SOLUTION
 AND 80" NOZZLE SPACING

NOTE: TO OBTAIN RATE OF APPLICATION FOR 10 LBS./GAL. SOLUTION,
 MULTIPLY TABULATED FIGURES BY CONVERSION FACTOR OF 1.05.
 FOR DETAILS ON FLOODJET NOZZLES SEE PAGE 10, CATALOG 36.