

NOZZLE NO.	PIPE CONN.	PRESSURE P.S.I.	CAPACITY G.P.M.	RATE OF APPLICATION - GALLONS PER ACRE BASED ON SOLUTION WEIGHING 11 LBS. PER GALLON (80" NOZZLE SPACING)											
				3.5 MPH.	4 MPH.	5 MPH.	6 MPH.	6.5 MPH.	7 MPH.	7.5 MPH.	8 MPH.	9 MPH.	10 MPH.	11 MPH.	12 MPH.
1/8 KSS 15	1/8"	20	1.8	39	34	27	23	21	19.6	18.3	17.1	15.2	13.7	12.4	11.4
		30	2.3	48	42	34	28	26	24	22	21	18.6	16.8	15.3	14.0
		40	2.6	55	48	39	32	30	28	26	24	22	19.4	17.6	16.1
		50	2.9	62	54	43	36	33	31	29	27	24	22	19.7	18.1
		60	3.2	68	59	47	40	37	34	32	30	26	24	22	19.8
		70	3.5	73	64	51	43	39	37	34	32	29	26	23	21
		80	3.7	78	68	55	46	42	39	37	34	30	27	25	23
		90	3.9	83	73	58	48	45	41	39	36	32	29	26	24
		100	4.1	87	77	61	51	47	44	41	38	34	31	28	26
		110	4.3	92	80	64	54	50	46	43	40	36	32	29	27
		120	4.5	96	84	67	56	52	48	45	42	37	34	31	28
		130	4.7	100	87	70	58	54	50	47	44	39	35	32	29
		140	4.9	104	91	73	61	56	52	48	45	40	36	33	30
		150	5.1	107	94	75	63	58	54	50	47	42	38	34	31
1/8 KSS 18	1/8"	20	2.2	47	41	33	27	25	24	22	21	18.3	16.5	15.0	13.7
		30	2.7	57	50	40	34	31	29	27	25	22	20	18.3	16.8
		40	3.1	66	58	47	39	36	33	31	29	26	23	21	19.4
		50	3.5	74	65	52	43	40	37	35	33	29	26	24	22
		60	3.8	81	71	57	47	44	41	38	36	32	28	26	24
		70	4.1	87	77	61	51	47	44	41	38	34	31	28	26
		80	4.4	94	82	66	55	51	47	44	41	37	33	30	27
		90	4.7	100	87	70	58	54	50	47	44	39	35	32	29
		100	5.0	105	92	74	61	57	53	49	46	41	37	33	31
		110	5.2	110	96	77	64	59	55	52	48	43	39	35	32
		120	5.4	115	100	81	67	62	57	54	50	45	40	37	34
		130	5.6	120	105	84	70	64	60	56	52	47	42	38	35
		140	5.9	124	109	87	72	67	62	58	54	48	43	39	36
		150	6.1	128	112	90	75	69	64	60	56	50	45	41	37
1/4 KSS 20	1/4"	20	2.5	52	46	37	30	28	26	24	23	20	18.3	16.6	15.2
		30	3.0	64	56	45	37	34	32	30	28	25	22	20	18.7
		40	3.5	74	65	52	43	40	37	35	32	29	26	24	22
		50	3.9	83	72	58	48	44	41	39	36	32	29	26	24
		60	4.3	90	79	63	53	49	45	42	40	35	32	29	26
		70	4.6	98	85	68	57	53	49	46	43	38	34	31	28
		80	4.9	104	91	73	61	56	52	49	46	41	37	33	30
		90	5.2	110	97	77	64	59	55	52	48	43	39	35	32
		100	5.5	117	102	82	68	63	58	54	51	45	41	37	34
		110	5.8	122	107	85	71	66	61	57	53	47	43	39	36
		120	6.0	128	112	89	74	69	64	60	56	50	45	41	37
		130	6.3	133	116	93	78	72	66	62	58	52	47	42	39
		140	6.5	138	121	97	80	74	69	64	60	54	48	44	40
		150	6.7	143	125	100	83	77	72	67	63	56	50	46	42
3/8 KSS 30	3/8"	20	3.7	78	68	55	46	42	39	37	34	30	27	25	23
		30	4.5	96	84	67	56	52	48	45	42	37	34	31	28
		40	5.2	110	97	77	64	59	55	52	48	43	39	35	32
		50	5.8	124	108	87	72	67	62	58	54	48	43	39	36
		60	6.4	135	118	95	79	73	68	63	59	53	47	43	40
		70	6.9	146	128	102	85	79	73	68	64	57	51	47	43
		80	7.4	156	137	110	91	84	78	73	68	61	55	50	46
		90	7.8	166	145	116	97	89	83	78	73	65	58	53	48
		100	8.3	175	153	123	102	94	88	82	77	68	61	56	51
		110	8.7	183	160	128	107	99	92	86	80	71	64	58	53
		120	9.0	192	168	134	112	103	96	89	84	75	67	61	56
		130	9.4	199	174	140	116	107	100	93	87	78	70	63	58
		140	9.8	207	181	145	121	111	103	97	91	80	73	66	60
		150	10.1	215	188	150	125	115	107	100	94	83	75	68	63

DESCRIPTION

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

**SPRAYING SYSTEMS CO.**  
 Engineers and Manufacturers  
 NORTH AVENUE AT SCHWALE ROAD • WHEATON, ILLINOIS 60187

DR. BY L.R.  
 DATE 8-5-74  
 DWG. NO. 1789  
 SHEET 2 OF 2

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 19 CATALOG 36.