

NOZZLE NO.	PIPE CONN.	PRESSURE P.S.I.	CAPACITY G.P.M.	RATE OF APPLICATION - GALLONS PER ACRE BASED ON SOLUTION WEIGHING 10 LBS. PER GALLON															
				2	3	3.5	4	4.5	5	5.5	6	6.5	7	8	9	10			
				MPH.	MPH.	MPH.	MPH.	MPH.	MPH.	MPH.	MPH.	MPH.	MPH.	MPH.	MPH.	MPH.	MPH.		
1/8KSS1	1/8"	40	.18	6.8	5.4	4.5	3.9	3.4	3.0	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.4		
		50	.20	7.6	6.1	5.1	4.3	3.8	3.4	3.0	2.8	2.5	2.3	2.2	1.9	1.7	1.5		
		60	.22	8.3	6.6	5.5	4.7	4.1	3.7	3.3	3.0	2.8	2.6	2.4	2.1	1.8	1.7		
		70	.24	9.0	7.2	6.0	5.1	4.5	4.0	3.6	3.3	3.0	2.8	2.6	2.2	2.0	1.8		
		80	.26	9.6	7.7	6.4	5.5	4.8	4.3	3.8	3.5	3.2	3.0	2.7	2.4	2.1	1.9		
		90	.27	10.2	8.1	6.8	5.8	5.1	4.5	4.1	3.7	3.4	3.1	2.9	2.5	2.3	2.0		
		100	.29	10.7	8.6	7.2	6.1	5.4	4.8	4.3	3.9	3.6	3.3	3.1	2.7	2.4	2.1		
1/8KSS1.5	1/8"	40	.27	10.2	8.1	6.8	5.8	5.1	4.5	4.1	3.7	3.4	3.1	2.9	2.5	2.3	2.0		
		50	.31	11.4	9.1	7.6	6.5	5.7	5.1	4.6	4.1	3.8	3.5	3.3	2.8	2.5	2.3		
		60	.34	12.5	10.0	8.3	7.1	6.2	5.5	5.0	4.5	4.2	3.8	3.6	3.1	2.8	2.5		
		70	.36	13.4	10.8	9.0	7.7	6.7	6.0	5.4	4.9	4.5	4.1	3.8	3.4	3.0	2.7		
		80	.39	14.4	11.5	9.6	8.2	7.2	6.4	5.8	5.2	4.8	4.4	4.1	3.6	3.2	2.9		
		90	.41	15.3	12.2	10.2	8.7	7.6	6.8	6.1	5.5	5.1	4.7	4.4	3.8	3.4	3.1		
		100	.43	16.1	12.9	10.7	9.2	8.0	7.2	6.4	5.9	5.4	5.0	4.6	4.0	3.6	3.2		
1/8KSS2	1/8"	40	.37	13.5	11.0	9.1	7.8	6.8	6.0	5.4	4.9	4.5	4.2	3.9	3.4	3.0	2.7		
		50	.41	15.1	12.1	10.1	8.7	7.6	6.7	6.1	5.5	5.0	4.7	4.3	3.8	3.4	3.0		
		60	.45	16.6	13.3	11.1	9.5	8.3	7.4	6.6	6.0	5.5	5.1	4.7	4.2	3.7	3.3		
		70	.48	18.0	14.4	12.0	10.3	9.0	8.0	7.2	6.5	6.0	5.5	5.1	4.5	4.0	3.6		
		80	.52	19.2	15.3	12.8	11.0	9.6	8.5	7.7	7.0	6.4	5.9	5.5	4.8	4.3	3.8		
		90	.55	20	16.3	13.6	11.6	10.2	9.0	8.1	7.4	6.8	6.3	5.8	5.1	4.5	4.1		
		100	.58	21	17.1	14.3	12.2	10.7	9.5	8.6	7.8	7.1	6.6	6.1	5.3	4.8	4.3		
1/8KSS3	1/8"	40	.55	20	16.3	13.6	11.6	10.2	9.0	8.1	7.4	6.8	6.3	5.8	5.1	4.5	4.1		
		50	.61	23	18.2	15.1	13.0	11.4	10.1	9.1	8.3	7.6	7.0	6.5	5.7	5.0	4.5		
		60	.67	25	19.9	16.6	14.2	12.5	11.1	10.0	9.1	8.3	7.7	7.1	6.2	5.5	5.0		
		70	.73	27	22	17.9	15.4	13.4	11.9	10.7	9.8	9.0	8.3	7.7	6.7	6.0	5.4		
		80	.78	29	23	19.2	16.4	14.4	12.8	11.5	10.5	9.6	8.9	8.2	7.2	6.4	5.8		
		90	.82	31	24	20	17.4	15.2	13.5	12.2	11.1	10.2	9.4	8.7	7.6	6.8	6.1		
		100	.87	32	26	21	18.4	16.1	14.3	12.9	11.7	10.7	9.9	9.2	8.1	7.2	6.4		
1/8KSS5	1/8"	40	.91	34	27	23	19.4	16.9	15.0	13.5	12.3	11.2	10.4	9.7	8.5	7.5	6.8		
		50	1.0	38	30	25	22	19.0	16.9	15.2	13.8	12.6	11.7	10.8	9.5	8.4	7.6		
		60	1.1	42	33	28	24	21	18.5	16.6	15.1	13.8	12.8	11.9	10.4	9.2	8.3		
		70	1.2	45	36	30	26	22	20	18.0	16.3	15.0	13.8	12.8	11.2	10.0	9.0		
		80	1.3	48	38	32	27	24	21	19.2	17.5	16.0	14.8	13.7	12.0	10.7	9.6		
		90	1.4	51	41	34	29	25	23	20	18.5	17.0	15.7	14.5	12.7	11.3	10.2		
		100	1.5	54	43	36	31	27	24	22	19.5	17.9	16.5	15.3	13.4	11.9	10.7		
1/8KSS7.5	1/8"	40	1.4	51	41	34	30	26	23	20	18.5	17.0	15.7	14.5	12.7	11.3	10.2		
		50	1.5	57	46	38	33	28	25	23	21	19.0	17.5	16.3	14.2	12.7	11.4		
		60	1.7	62	50	42	36	31	28	25	23	21	19.2	17.8	15.6	13.9	12.5		
		70	1.8	67	54	45	38	34	30	27	24	22	21	19.2	16.8	14.9	13.4		
		80	1.9	72	58	48	41	36	32	29	26	24	22	21	19.0	16.0	14.4		
		90	2.1	76	61	51	44	38	34	31	28	25	24	22	19.1	17.0	15.3		
		100	2.2	80	64	54	46	40	36	32	29	27	25	23	20	17.9	16.1		
1/8KSS10	1/8"	40	1.8	68	54	45	39	34	30	27	25	23	21	19.4	16.9	15.1	13.5		
		50	2.0	76	61	51	43	38	34	30	28	25	23	22	18.9	16.8	15.1		
		60	2.2	83	66	55	47	41	37	33	30	28	26	24	21	18.4	16.6		
		70	2.4	90	72	60	51	45	40	36	33	30	28	26	22	19.9	17.9		
		80	2.6	96	77	64	55	48	43	38	35	32	30	27	24	21	19.2		
		90	2.7	102	81	68	58	51	45	41	37	34	31	29	25	23	20		
		100	2.9	107	86	72	61	54	48	43	39	36	33	31	27	24	21		
1/8KSS15	1/8"	40	2.7	102	81	68	58	51	45	41	37	34	31	29	25	23	20		
		50	3.1	114	91	76	65	57	51	46	41	38	35	33	28	25	23		
		60	3.4	125	100	83	71	62	55	50	45	42	38	36	31	29	25		
		70	3.6	134	108	90	77	67	60	54	49	45	41	38	34	30	27		
		80	3.9	144	115	96	82	72	64	58	52	48	44	41	36	32	29		
		90	4.1	153	122	102	87	76	68	61	55	51	47	44	38	34	31		
		100	4.3	161	129	107	92	80	72	64	59	54	50	46	40	36	32		
1/8KSS18	1/8"	40	3.3	123	98	82	71	61	54	49	45	41	38	35	31	27	25		
		50	3.7	137	109	91	78	68	61	55	50	46	42	39	34	30	27		
		60	4.0	149	120	99	85	75	66	60	54	50	46	43	37	33	30		
		70	4.4	161	129	108	92	81	72	65	59	54	50	46	40	36	32		
		80	4.7	173	138	115	99	86	77	69	63	58	53	49	43	38	35		
		90	4.9	183	147	122	105	92	81	73	67	61	56	52	46	41	37		
		100	5.2	193	154	129	110	97	86	77	70	64	59	55	48	43	39		
1/4KSS20	1/4"	40	3.7	136	109	91	78	68	60	54	49	45	42	39	34	30	27		
		50	4.1	151	121	101	87	76	67	61	55	50	47	43	38	34	30		
		60	4.5	166	133	111	95	83	74	66	60	55	51	47	42	37	33		
		70	4.8	180	144	120	103	90	80	72	65	60	55	51	45	40	36		
		80	5.2	192	153	128	110	96	85	77	70	64	59	55	48	43	38		
		90	5.5	203	163	136	116	102	90	81	74	68	63	58	51	45	41		
		100	5.8	210	171	143	122	107	95	86	78	71	66	61	53	48	43		
3/8KSS30	3/8"	40	5.5	203	163	136	116	102	90	81	74	68	63	58	51	45	41		
		50	6.1	227	182	151	130	114	101	91	83	76	70	65	57	50	45		
		60	6.7	249	199	164	142	125	111	100	91	83	77	71	62	55	50		
		70	7.3	269	216	179	154	134	119	107	98	90	83	77	67	60	54		
		80	7.8	288	230	192	164	144	128	115	105	96	89	82	72	64	58		
		90	8.2	305	244	203	174	152	135	122	111	102	94	87	76	68	61		
		100	8.7	311	257	214	184	161	143	129	117	107	99	92	81	72	64		

TABULATION BASED ON 80" NOZZLE SPACING.

**SPRAYING SYSTEMS CO.**  
*Engineers and Manufacturers*  
 North Avenue and Schmale Road, Wheaton, Illinois 60187

DESCRIPTION  
 GALLONS PER ACRE.  
 USING FLOODJET NOZZLES  
 BASED ON 10 LB./GAL. SOLUTION  
 AND 80" NOZZLE SPACING

FOR DETAILS ON FLOODJET NOZZLES SEE PAGE 14, CATALOG 37.

DWG. NO. 7305-1  
 DR. BY LK  
 DATE 4-30-65

7305-1