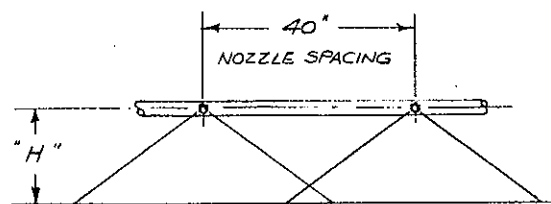
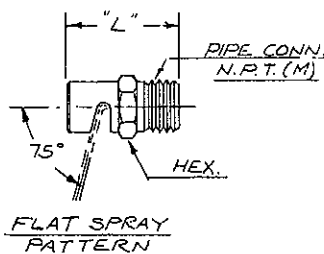


NOZZLE NO.	DIMENSIONS				"H"	LIQUID PRESSURE IN P.S.I.	CAPACITY IN G.P.M.	GALLONS PER ACRE						NOZZLE NO.	DIMENSIONS				"H"	LIQUID PRESSURE IN P.S.I.	CAPACITY IN G.P.M.	GALLONS PER ACRE					
	PIPE CONN.	ORIFICE DIA.	HEX.	"L"				2	3	4	5	7.5	10		PIPE CONN.	ORIFICE DIA.	HEX.	"L"				2	3	4	5	7.5	10
								M.P.H.	M.P.H.	M.P.H.	M.P.H.	M.P.H.	M.P.H.									M.P.H.	M.P.H.	M.P.H.	M.P.H.	M.P.H.	
1/4K-2	1/4"	.046"	9/16"	1 7/32"	13"	10	.20	14.9	9.9	7.4	5.9	4.0	3.0	1/4K-24	1/4"	.161"	9/16"	1 1/32"	13"	10	2.4	178	119	89	71	48	36
						20	.28	21	14.0	10.5	8.4	5.6	4.2							20	3.4	252	168	126	101	67	50
						30	.35	26	17.2	12.9	10.3	6.9	5.2							30	4.2	309	206	154	123	82	62
						40	.40	30	19.8	14.8	11.8	7.9	5.9							40	4.8	357	238	178	143	95	71
1/4K-2.5	1/4"	.052"	9/16"	1 7/32"	13"	10	.25	18.5	12.4	9.3	7.4	5.0	3.7	1/4K-27	1/4"	.173"	9/16"	1 1/32"	13"	10	2.7	200	134	100	80	54	40
						20	.35	26	17.2	12.9	10.3	6.9	5.2							20	3.8	284	189	142	113	76	57
						30	.43	32	21	16.0	12.8	8.5	6.4							30	4.7	347	231	173	139	92	69
						40	.50	37	25	18.5	14.9	9.9	7.4							40	5.4	400	267	200	160	107	80
1/4K-3	1/4"	.057"	9/16"	1 7/32"	13"	10	.30	22	14.9	11.1	8.9	5.9	4.5	3/8K-30	3/8"	.180"	1/16"	1 3/4"	13"	10	3.0	223	149	111	89	59	45
						20	.42	32	21	15.7	12.6	8.4	6.3							20	4.2	312	208	156	124	83	62
						30	.52	38	26	19.3	15.4	10.3	7.7							30	5.1	378	252	189	151	101	76
						40	.60	45	30	22	17.8	11.8	8.9							40	6.0	446	297	222	178	119	89
1/4K-5	1/4"	.073"	9/16"	1 7/32"	13"	10	.50	37	25	18.5	14.9	9.9	7.4	3/8K-35	3/8"	.196"	1/16"	1 3/4"	13"	10	3.5	260	173	130	104	69	52
						20	.71	53	36	27	21	14.2	10.7							20	5.0	367	245	184	147	98	74
						30	.87	65	44	33	26	17.4	13.1							30	6.1	450	300	225	180	120	90
						40	1.0	75	50	38	30	20	15.1							40	7.0	519	347	260	208	139	104
1/4K-7.5	1/4"	.091"	9/16"	1 7/32"	13"	10	.75	56	37	28	22	14.9	11.1	3/8K-40	3/8"	.209"	1/16"	1 3/4"	13"	10	4.0	297	198	149	119	79	59
						20	1.1	82	55	41	33	22	16.3							20	5.7	423	282	211	169	113	85
						30	1.3	96	64	48	39	26	19.3							30	6.9	513	342	256	205	137	102
						40	1.5	111	74	56	45	30	22							40	8.0	593	396	297	237	158	119
1/4K-10	1/4"	.104"	9/16"	1 7/32"	13"	10	1.0	75	50	37	30	20	15.1	1/2K-40	1/2"	.209"	7/8"	2"	13"	10	4.5	334	223	167	134	89	67
						20	1.4	105	70	53	42	28	21							20	6.4	472	315	236	189	126	95
						30	1.7	128	85	64	51	34	26							30	7.8	578	386	289	232	155	116
						40	2.0	150	100	75	60	40	30							40	9.0	668	446	334	268	178	134
1/4K-15	1/4"	.129"	9/16"	1 7/32"	13"	10	1.5	111	74	56	45	30	22	3/8K-45	3/8"	.221"	1/16"	1 3/4"	13"	10	5.0	371	247	186	149	99	74
						20	2.1	156	104	78	62	42	31							20	7.1	525	350	263	210	140	105
						30	2.6	193	129	96	77	52	39							30	8.7	643	429	322	257	172	129
						40	3.0	223	149	111	89	60	45							40	10	742	495	371	297	198	149
1/4K-18	1/4"	.141"	9/16"	1 7/32"	13"	10	1.8	134	89	67	53	36	27	1/2K-50	1/2"	.238"	7/8"	2"	13"	10	6.0	446	297	222	178	119	89
						20	2.5	189	126	95	76	50	38							20	8.5	630	421	315	252	168	126
						30	3.1	231	154	116	93	62	46							30	10.4	772	515	386	309	206	154
						40	3.6	267	178	134	107	71	54							40	12.0	890	594	445	356	237	178
1/4K-20	1/4"	.148"	9/16"	1 7/32"	13"	10	2.0	150	100	75	60	40	30	1/2K-60	1/2"	.256"	7/8"	2"	13"	10	7.0	520	346	260	208	139	104
						20	2.8	208	139	104	83	56	42							20	9.9	735	490	368	294	196	147
						30	3.5	260	173	130	104	69	52							30	12.1	900	600	450	360	240	180
						40	4.0	297	198	149	119	79	59							40	14.0	1040	694	520	416	277	208
1/4K-22	1/4"	.156"	9/16"	1 7/32"	13"	10	2.2	163	109	82	65	44	33	1/2K-70	1/2"	.281"	7/8"	2"	13"	10	8.0	593	396	297	237	158	119
						20	3.1	231	154	115	92	62	46							20	11.3	840	560	420	336	224	168
						30	3.8	283	189	141	113	75	57							30	13.8	1025	683	513	410	273	205
						40	4.4	326	218	163	130	87	65							40	16.0	1185	792	594	475	317	238

TABULATION SHOWS CAPACITIES IN GALLONS PER ACRE AT VARIOUS RIG SPEEDS AND LIQUID PRESSURES. CAPACITIES ARE BASED ON SOLUTIONS OF CONCENTRATED 2,4-D AND WATER AT TEMPERATURE OF 70°F.



DESCRIPTION
 FLOODJET NOZZLES
 TABULATION SHOWING
 GALLONS PER ACRE
 BASED ON 40" NOZZLE SPACING

SPRAYING SYSTEMS CO.
 Engineers and Manufacturers

NORTH AVENUE AT SCHMALE ROAD • WHEATON, ILLINOIS 60187

DR. BY L.R.

DWG. NO. 4367

DATE 11-16-70