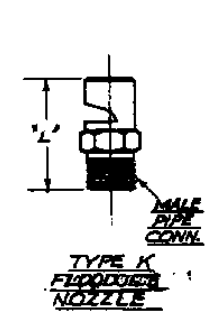
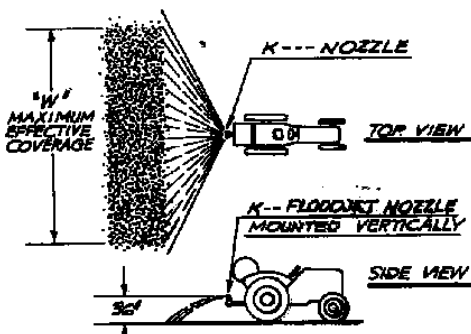


FLOODJET NOZZLE NO.	PRESSURE IN P.S.I.	CAPACITY IN G.P.M.	'W' IN FEET	GALLONS PER ACRE									
				BASED ON SPRAYING SOLUTION WEIGHING 10 LBS. PER GALLON (FOR CONVERSION FACTORS SEE TABULATION)									
				2 M.P.H.	2 1/2 M.P.H.	3 M.P.H.	3 1/2 M.P.H.	4 M.P.H.	5 M.P.H.	6 M.P.H.	8 M.P.H.	10 M.P.H.	
1/8 K10	10	.91	16	14.1	11.3	9.4	8.0	7.0	5.6	4.7	3.5	2.8	
	15	1.12	18	15.4	12.3	10.3	8.8	7.7	6.2	5.1	3.9	3.1	
	20	1.28	19 1/2	16.4	13.1	10.9	9.3	8.2	6.5	5.5	4.1	3.3	
	30	1.58	21	18.6	14.9	12.4	10.6	9.3	7.4	6.2	4.7	3.7	
1/8 K15	10	1.37	17	20.0	16.0	13.3	11.4	10.0	8.0	6.6	5.0	4.0	
	15	1.68	18 1/2	22.2	17.7	14.8	12.7	11.1	8.9	7.4	5.5	4.4	
	20	1.94	20	24.0	19.2	16.0	13.7	12.0	9.6	8.0	6.0	4.8	
	30	2.38	21 1/2	27.4	21.9	18.3	15.7	13.7	10.9	9.1	6.8	5.5	
1/8 K20	10	1.65	18	22.7	18.1	15.1	12.9	11.3	9.1	7.6	5.7	4.5	
	15	2.02	20 1/2	24.4	19.5	16.2	13.9	12.2	9.8	8.1	6.1	4.9	
	20	2.34	22 1/2	25.8	20.6	17.2	14.7	12.9	10.3	8.6	6.4	5.2	
	30	2.96	24	29.5	23.6	19.6	16.8	14.7	11.8	9.8	7.4	5.9	
1/8 K25	10	1.89	19 1/2	25.9	20.7	17.2	14.8	12.9	10.3	8.6	6.5	5.2	
	15	2.24	21	27.8	22.2	18.5	15.8	13.9	11.1	9.2	6.9	5.5	
	20	2.59	22 1/2	29.1	23.3	19.4	16.6	14.5	11.6	9.7	7.3	5.8	
	30	3.17	23 1/2	33.4	26.7	22.2	19.1	16.7	13.4	11.1	8.4	6.7	
1/8 K30	10	2.64	19	34.4	27.5	22.9	19.7	17.2	13.8	11.5	8.6	6.9	
	15	3.24	21 1/2	37.1	30.2	25.1	21.7	18.8	15.1	12.6	9.4	7.5	
	20	3.74	23	40.2	32.2	26.8	23.0	20.1	16.1	13.4	10.1	8.1	
	30	4.57	25	45.3	36.2	29.9	25.9	22.6	18.1	15.1	11.3	9.1	
1/8 K40	10	3.66	20	45.3	36.2	30.2	25.8	22.6	18.1	15.1	11.3	9.1	
	15	4.48	23 1/2	47.6	38.2	31.8	27.3	23.8	19.1	15.9	11.9	9.5	
	20	5.17	25 1/2	50.2	40.2	33.5	28.7	25.1	20.1	16.8	12.6	10.1	
	30	6.34	27	58.0	46.4	38.7	33.2	29.0	23.2	19.4	14.5	11.6	
1/8 K50	10	7.31	28 1/2	63.5	51.0	43.4	36.4	31.8	25.4	21.2	15.9	12.7	
	15	8.48	31	60.3	48.3	40.2	34.5	30.2	24.1	20.1	15.1	12.1	
	20	9.71	33 1/2	64.6	51.7	43.1	36.3	32.3	25.8	21.6	16.2	12.9	
	30	11.58	36	68.5	54.9	45.6	38.2	34.3	27.4	22.8	17.1	13.7	
1/8 K60	10	10.98	37 1/2	78.5	62.7	52.4	44.8	39.2	31.4	26.2	19.6	15.7	
	15	12.81	40	86.2	69.0	57.5	49.3	43.1	34.5	28.7	21.5	17.2	
	20	14.85	43 1/2	94.6	74.4	61.8	53.8	46.6	37.2	31.2	23.1	18.4	
	30	17.20	47	102	80.8	67.6	59.2	51.4	40.6	33.8	25.4	20.3	
1/8 K80	10	7.32	29	78.8	63.0	52.5	45.0	39.4	31.5	26.3	19.7	15.9	
	15	8.96	31 1/2	84.3	67.6	56.4	48.3	42.3	33.8	28.2	21.1	16.9	
	20	10.36	33 1/2	88.4	70.8	59.0	50.6	44.3	35.4	29.5	22.1	17.7	
	30	12.70	36	100	81.2	67.6	58.0	50.8	40.6	33.8	25.4	20.3	
1/8 K100	10	14.65	38 1/2	112	89.3	74.4	63.8	53.8	44.6	37.2	27.9	22.3	
	15	17.20	41 1/2	118	94.6	79.0	67.6	59.2	47.4	39.4	29.6	23.7	
	20	19.55	44	127	102	84.8	72.6	63.5	50.8	42.4	31.8	25.4	
	30	22.00	47	133	106	88.4	75.8	66.3	53.0	44.2	33.2	26.5	
1/8 K120	10	19.05	31	152	122	101	87.0	76.0	60.8	50.6	38.0	30.4	
	15	22.00	33 1/2	162	134	112	96.0	83.8	67.0	55.8	42.0	33.6	
	20	25.20	36	178	148	124	105	89.4	74.4	62.8	46.6	36.8	
	30	28.80	39	198	168	140	120	105	84.0	70.0	52.8	42.0	
1/8 K210	10	27.20	30 1/2	223	179	149	126	112	99.4	74.4	62.8	46.6	
	15	31.20	33 1/2	250	200	166	143	125	100	83.4	62.8	50.0	
	20	35.20	36	280	224	187	160	140	112	93.5	70.0	56.0	
	30	39.41	39	300	240	200	170	150	120	100	80.0	60.0	




NOZZLE NO.	PIPE CONN.	'L'
1/8 K 10	1/2"	3 1/2"
1/8 K 15	3/4"	4 1/2"
1/8 K 20	1"	5 1/2"
1/8 K 25	1 1/4"	6 1/2"
1/8 K 30	1 1/2"	7 1/2"
1/8 K 40	2"	9 1/2"
1/8 K 50	2 1/2"	11 1/2"
1/8 K 60	3"	13 1/2"
1/8 K 80	3 1/2"	15 1/2"
1/8 K 100	4"	17 1/2"
1/8 K 120	4 1/2"	19 1/2"

CONVERSION FACTORS--TO OBTAIN GALLONAGES OF OTHER SOLUTIONS MULTIPLY BY CONN. FACTOR						
SOLUTION DATA		CONVERSION FACTOR	SOLUTION DATA		CONVERSION FACTOR	
TRADE NAME	CONVERSION FACTOR		TRADE NAME	CONVERSION FACTOR		
6.3	.78	1.24	9.5	1.14	NITRANA 2	1.02
6.7	.80	1.22	9.9	1.18	NITRANA 4	1.01
7.0	.84	1.20	10.0	1.20	PERAN 16	1.00
7.5	.90	1.16	10.8	1.23	999; N.F.S. 50	.99
7.7	.92	1.14	10.5	1.26		.98
8.0	.96	1.12	10.7	1.28	PERAN 21; URAN 28	.97
8.1	.97	1.11	10.8	1.29	URAN 30	.96
8.55	1.00	1.10	11.0	1.32	URAN 32	.95
8.5	1.02	1.08	11.3	1.36	PERAN 26	.94
8.7	1.04	1.07	11.5	1.38	N.F.S.-53	.93
9.0	1.08	1.05	11.8	1.41	SODAN	.92
9.3	1.11	1.04	12.0	1.44		.91

GALLONAGE TABULATION IS BASED ON A 10 LBS. PER GALLON SOLUTION. MULTIPLY THE TABULATED GALLONAGES BY A CONVERSION FACTOR ANY TIME A DIFFERENT WEIGHT SOLUTION IS USED. CONVERSION FACTORS ARE LISTED ABOVE - BASED ON 60°R TO 72°R TEMPERATURE.

P.S.I. = PRESSURE IN LBS. PER SQUARE INCH
 G.P.M. = CAPACITY IN GALLONS PER MINUTE
 'W' = SPRAY COVERAGE IN FEET
 M.P.H. = ROAD SPEED IN MILES PER HOUR

DESCRIPTION:
 GALLONS PER ACRE FOR
 K - FLOODJET NOZZLES
 BASED ON SPRAYING
 10 LBS./GALLON SOLUTION
 -AND CONVERSION FACTORS-



Spraying Systems Co.
 Spray Nozzles and Accessories
 P.O. Box 7900 - Wheaton, IL 60189-7900

Rev. No.	Data Sheet No.
Ref.	7098
	SHEET OF