



HELICOPTER SPRAYING
WITH AIR SPEED OF 35-55 M.P.H.



SMALL AIRCRAFT SPRAYING
WITH AIR SPEED OF 65-100 M.P.H.

TIP NO.	LIQUID PRESSURE P.S.I.	CAPACITY FLUID OZ. PER MIN. (4-NOZZLES)	FLUID OZ. PER ACRE (USING 4-NOZZLES) 100 FT. SWATH							
			35 M.P.H.	45 M.P.H.	55 M.P.H.	65 M.P.H.	75 M.P.H.	85 M.P.H.	90 M.P.H.	100 M.P.H.
800050	40	25.6	3.7	2.8	2.3	2.0	1.7	1.5	1.4	1.3
	50	28.6	4.1	3.2	2.6	2.2	1.9	1.7	1.6	1.4
	60	31.4	4.5	3.5	2.9	2.4	2.1	1.8	1.7	1.6
800067	40	34.3	4.9	3.8	3.1	2.6	2.3	2.0	1.9	1.7
	50	38.4	5.5	4.3	3.5	3.0	2.6	2.3	2.1	1.9
	60	42.0	6.0	4.7	3.8	3.2	2.8	2.5	2.3	2.1
8001	40	51.2	7.3	5.7	4.7	3.9	3.4	3.0	2.8	2.6
	50	57.3	8.2	6.4	5.2	4.4	3.8	3.4	3.2	2.9
	60	62.6	8.9	7.0	5.7	4.8	4.2	3.7	3.5	3.1
80015	40	76.8	11.0	8.5	7.0	5.9	5.1	4.5	4.3	3.8
	50	86.1	12.3	9.6	7.8	6.6	5.7	5.1	4.8	4.3
	60	94.1	13.5	10.5	8.6	7.2	6.3	5.5	5.2	4.7
8002	40	102.3	14.6	11.4	9.3	7.9	6.8	6.0	5.7	5.1
	50	114.4	16.4	12.7	10.4	8.8	7.6	6.7	6.4	5.7
	60	125.4	17.9	14.0	11.4	9.7	8.4	7.4	7.0	6.3
8003	40	153.5	22	17.1	14.0	11.8	10.2	9.0	8.5	7.7
	50	172	25	19.1	15.6	13.2	11.4	10.1	9.5	8.6
	60	188	27	21	17.1	14.5	12.5	11.1	10.4	9.4

BASED ON SPRAYING WATER AT TEMPERATURE OF 70°F.

TABULATION BASED ON 4 NOZZLES				
NUMBER OF NOZZLES	6	8	10	12
CONVERSION FACTOR	1.5	2	2.5	3

SOLUTION		
WEIGHT	SPECIFIC GRAVITY	CONV. FACTOR
10.0 LBS./GAL.	1.20	0.91
10.5 "	1.26	0.89
11.0 "	1.32	0.87

DESCRIPTION:

LOW VOLUME APPLICATION
FOR HELICOPTER AND
SMALL AIRCRAFT SPRAYING



Spraying Systems Co.®

Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, Il. 60189-7900

Rev. No.

Ref.

Data Sheet No.

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SHEET OF