

TYPE T- MALE CONN.	TYPE T- FEMALE CONN.	ORI-FICE NO.	CORE NO.	ORI-FICE DIA.	LIQUID PRESS. IN P.S.I.	TOTAL CAPACITY G.P.M. 24 NOZZLES	GALLONS PER ACRE								
							40' SWATH			50' SWATH			60' SWATH		
							60 M.P.H.	75 M.P.H.	90 M.P.H.	60 M.P.H.	75 M.P.H.	90 M.P.H.	60 M.P.H.	75 M.P.H.	90 M.P.H.
1/8 T D 12 - 56 1/4 T D 12 - 56	D12	56	1875	10	39	8	6.4	5.4	6.4	5.2	4.3	5.4	4.3	3.6	
				15	47	9.7	7.8	6.5	7.8	6.2	5.2	6.5	5.2	4.3	
				20	54	11.1	8.9	7.4	8.9	7.1	5.9	7.4	5.9	5.0	
				25	60	12.4	9.9	8.2	9.9	7.9	6.6	8.2	6.6	5.5	
				30	65	13.4	10.7	8.9	10.7	8.6	7.2	8.9	7.2	6.0	
				40	75	15.5	12.4	10.3	12.4	9.9	8.2	10.3	8.2	6.9	
				60	91	18.8	15	12.5	15	12	10	12.5	10	8.3	
				80	92	19	15.2	12.7	15.2	12.2	10.1	12.7	10.1	8.4	
				100	115	23.7	19	15.8	19	15.2	12.7	15.8	12.7	10.5	
				150	139	28.7	23	19.1	23	18.4	15.3	19.1	15.3	12.8	
200	160	33	26.4	22	26.4	21.2	17.6	22	17.6	14.7					

TABULATION SHOWS COVERAGES IN GALLONS PER ACRE AT VARIOUS LIQUID PRESSURES, SPEEDS AND SWATH WIDTHS.

CAPACITIES ARE BASED ON 24 NOZZLES SPACED ALONG THE BOOM AND SPRAYING SIMULTANEOUSLY.

THE SPRAYING HEIGHT AND OTHER VARIABLES AS WIND VELOCITY AND DRIFTAGE HAVE NOT BEEN TAKEN INTO CONSIDERATION IN COMPUTING THE CAPACITY TABULATION.

TABULATION IS BASED ON WATER AT TEMPERATURE OF 70°F.

P.S.I. = PRESSURE IN LBS. PER SQUARE INCH

G.P.M. = CAPACITY IN GALLONS PER MINUTE

M.P.H. = GROUND SPEED OF PLANE IN MILES PER HOUR

FOR OTHER NOZZLE CAPACITIES SEE BULLETIN NO. 60.

DESCRIPTION:

GALLONS PER ACRE TABULATION
FOR AIRPLANE SPRAYING
USING--D12-56 DISC TYPE
TEEJET NOZZLES



Spraying Systems Co.®

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

Rev. No.

Data Sheet No.

8898

Ref.

SHEET OF