

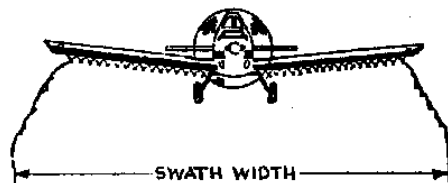
24 NOZZLES					LITERS PER HECTARE																														
DIAPHRAGM TEEJET NOZZLE WITH DISC AND CORE COMBINATION	DISC NO.	CORE NO.	ORIFICE DIA. mm.	LIQUID PRESSURE IN KPa.	TOTAL CAPACITY ltr/min 24 NOZZLES	12 m SWATH					15 m SWATH					18 m SWATH					21 m SWATH					24 m SWATH					30 m SWATH				
						100	125	150	175	200	100	125	150	175	200	100	125	150	175	200	100	125	150	175	200	100	125	150	175	200	100	125	150	175	200
D2-23	D2	23	1.04	150	7.83	3.9	3.1	2.6	2.2	2.0	3.1	2.8	2.1	1.8	1.6	2.6	2.1	1.7	1.5	1.3	2.2	1.8	1.5	1.3	1.1	2.0	1.6	1.3	1.1	1.0	1.6	1.3	1.0	0.9	0.8
				200	8.80	4.4	3.5	2.9	2.5	2.2	3.5	2.8	2.4	2.0	1.8	2.9	2.4	2.0	1.7	1.5	2.5	2.0	1.7	1.4	1.3	2.2	1.8	1.5	1.2	1.1	1.8	1.4	1.2	1.0	0.9
				250	9.63	4.8	3.9	3.2	2.8	2.4	3.9	3.1	2.6	2.2	1.9	3.2	2.6	2.1	1.8	1.6	2.8	2.2	1.8	1.6	1.4	2.4	1.9	1.6	1.4	1.2	1.9	1.5	1.3	1.1	1.0
D3-23	D3	23	1.19	150	9.18	4.1	3.3	2.7	2.3	2.0	3.3	2.6	2.2	1.9	1.6	2.7	2.2	1.8	1.6	1.4	2.3	1.9	1.6	1.3	1.2	2.0	1.6	1.4	1.2	1.0	1.6	1.3	1.1	0.9	0.8
				200	9.27	4.6	3.7	3.1	2.6	2.3	3.7	3.0	2.5	2.1	1.9	3.1	2.5	2.1	1.8	1.6	2.6	2.1	1.8	1.5	1.3	2.3	1.9	1.6	1.3	1.2	1.9	1.5	1.2	1.1	0.9
				250	10.21	5.1	4.1	3.4	2.9	2.6	4.1	3.3	2.7	2.3	2.0	3.4	2.7	2.3	2.0	1.7	2.9	2.3	2.0	1.7	1.5	2.6	2.0	1.7	1.5	1.3	2.0	1.6	1.4	1.2	1.0
D4-23	D4	23	1.60	150	10.81	5.4	4.3	3.6	3.1	2.7	4.3	3.5	2.9	2.5	2.2	3.6	2.9	2.4	2.1	1.8	3.1	2.5	2.1	1.8	1.5	2.7	2.2	1.8	1.5	1.4	2.2	1.7	1.4	1.2	1.1
				200	12.26	6.1	4.9	4.1	3.5	3.1	4.9	3.9	3.3	2.8	2.5	4.1	3.3	2.7	2.3	2.0	3.5	2.8	2.3	2.0	1.8	3.1	2.5	2.0	1.8	1.5	2.5	2.0	1.6	1.4	1.2
				250	13.44	6.7	5.4	4.5	3.8	3.4	5.4	4.3	3.6	3.1	2.7	4.5	3.6	3.0	2.6	2.2	3.8	3.1	2.6	2.2	1.9	3.4	2.7	2.2	1.9	1.7	2.7	2.2	1.8	1.5	1.3
D5-23	D5	23	1.98	150	12.84	6.3	5.0	4.2	3.6	3.1	5.0	4.0	3.3	2.9	2.5	4.2	3.3	2.8	2.4	2.1	3.6	2.9	2.4	2.0	1.8	3.1	2.5	2.1	1.8	1.6	2.5	2.0	1.7	1.4	1.3
				200	14.26	7.1	5.7	4.8	4.1	3.6	5.7	4.6	3.9	3.3	2.9	4.8	3.8	3.2	2.7	2.4	4.1	3.3	2.7	2.3	2.0	3.6	2.9	2.4	2.0	1.8	2.9	2.3	1.9	1.6	1.4
				250	15.91	7.9	6.3	5.3	4.5	4.0	6.3	5.1	4.2	3.6	3.2	5.3	4.2	3.5	3.0	2.6	4.5	3.6	3.0	2.6	2.3	4.0	3.2	2.6	2.3	2.0	3.2	2.5	2.1	1.8	1.6
D6-23	D6	23	2.39	150	14.53	7.3	5.8	4.8	4.2	3.6	5.8	4.7	3.9	3.3	2.9	4.8	3.8	3.2	2.8	2.4	4.2	3.3	2.8	2.4	2.1	3.6	2.9	2.4	2.1	1.8	2.9	2.3	1.9	1.7	1.5
				200	16.53	8.3	6.6	5.5	4.7	4.1	6.6	5.3	4.4	3.8	3.3	5.3	4.4	3.7	3.1	2.8	4.7	3.8	3.1	2.7	2.4	4.1	3.3	2.8	2.4	2.1	3.3	2.6	2.2	1.9	1.7
				250	18.24	9.1	7.3	6.1	5.2	4.5	7.3	5.8	4.9	4.2	3.7	6.1	4.9	4.1	3.5	3.0	5.2	4.2	3.5	3.0	2.6	4.6	3.7	3.0	2.6	2.3	3.7	2.9	2.4	2.1	1.8
D2-25	D2	25	1.04	150	10.76	5.4	4.3	3.6	3.1	2.7	4.3	3.4	2.9	2.5	2.2	3.6	2.9	2.4	2.0	1.8	3.1	2.5	2.0	1.8	1.5	2.7	2.2	1.8	1.5	1.4	2.2	1.7	1.4	1.2	1.1
				200	12.30	6.2	4.9	4.1	3.5	3.1	4.9	3.9	3.3	2.8	2.5	4.1	3.3	2.7	2.3	2.1	3.5	2.8	2.3	2.0	1.8	3.1	2.5	2.1	1.8	1.5	2.5	2.0	1.6	1.4	1.2
				250	13.64	6.8	5.5	4.5	3.9	3.4	5.5	4.4	3.6	3.1	2.7	4.5	3.6	3.0	2.6	2.3	3.9	3.1	2.6	2.3	1.9	3.4	2.7	2.3	1.9	1.7	2.7	2.2	1.8	1.6	1.4
D3-25	D3	25	1.19	150	13.11	6.6	5.2	4.4	3.8	3.3	5.2	4.2	3.5	3.0	2.6	4.4	3.5	2.9	2.5	2.2	3.8	3.0	2.5	2.1	1.9	3.3	2.6	2.2	1.9	1.6	2.6	2.1	1.8	1.5	1.3
				200	14.96	7.5	6.0	5.0	4.3	3.7	6.0	4.8	4.0	3.4	3.0	5.0	4.0	3.3	2.8	2.5	4.3	3.4	2.8	2.4	2.1	3.7	3.0	2.5	2.1	1.9	3.0	2.4	2.0	1.7	1.5
				250	16.68	8.3	6.6	5.5	4.7	4.1	6.6	5.3	4.4	3.8	3.3	5.5	4.4	3.7	3.2	2.8	4.7	3.8	3.2	2.7	2.4	4.1	3.3	2.8	2.4	2.1	3.3	2.7	2.2	1.9	1.7
D4-25	D4	25	1.60	150	19.67	9.8	7.9	6.6	5.6	4.9	7.9	6.3	5.2	4.5	3.9	6.6	5.2	4.4	3.8	3.3	5.6	4.5	3.8	3.2	2.8	4.9	3.9	3.3	2.8	2.5	3.9	3.2	2.6	2.3	2.0
				200	22.84	11.3	9.0	7.5	6.4	5.6	9.0	7.2	6.0	5.2	4.5	7.5	6.0	5.0	4.3	3.8	6.4	5.2	4.3	3.7	3.2	5.6	4.5	3.8	3.2	2.8	4.6	3.6	3.0	2.6	2.3
				250	25.05	12.5	10.0	8.3	7.2	6.3	10.0	8.0	6.7	5.7	5.0	8.3	6.7	5.6	4.8	4.2	7.2	5.7	4.8	4.1	3.6	6.3	5.0	4.2	3.6	3.1	5.0	4.0	3.3	2.9	2.5
D5-25	D5	25	1.98	150	23.62	11.8	9.4	7.9	6.7	5.9	9.4	7.5	6.3	5.4	4.7	7.9	6.3	5.2	4.5	3.9	6.7	5.4	4.5	3.9	3.4	5.9	4.7	3.9	3.4	3.0	4.7	3.8	3.1	2.7	2.4
				200	27.07	13.5	10.8	9.0	7.7	6.8	10.8	8.7	7.2	6.2	5.4	9.0	7.2	6.0	5.2	4.5	7.7	6.2	5.2	4.4	3.9	6.8	5.4	4.5	3.9	3.4	5.4	4.3	3.6	3.1	2.7
				250	29.98	15.0	12.0	10.0	8.6	7.5	12.0	9.6	8.0	6.9	6.0	10.0	8.0	6.7	5.7	5.0	8.6	6.9	5.7	4.9	4.3	7.5	6.0	5.0	4.3	3.7	6.0	4.8	4.0	3.4	3.0
D6-25	D6	25	2.39	150	30.43	15.2	12.2	10.1	8.7	7.6	12.2	9.7	8.1	7.0	6.1	10.1	8.1	6.8	5.8	5.1	8.7	7.0	5.8	5.0	4.3	7.6	6.1	5.1	4.3	3.8	6.1	4.9	4.1	3.5	3.0
				200	34.79	17.4	13.9	11.6	9.9	8.7	13.9	11.1	9.3	8.0	7.0	11.6	9.3	7.7	6.6	5.8	9.9	8.0	6.6	5.7	5.0	8.7	7.0	5.8	5.0	4.3	7.0	5.6	4.6	4.0	3.5
				250	42.24	21	16.9	14.1	12.1	10.6	16.9	13.5	11.3	9.7	8.4	14.1	11.3	9.4	8.0	7.0	12.1	9.7	8.0	6.9	6.0	10.6	8.4	7.0	6.0	5.3	8.4	6.6	5.6	4.8	4.2
D7-25	D7	25	2.77	150	34.91	17.5	14.0	11.6	10.0	8.7	14.0	11.2	9.3	8.0	7.0	11.6	9.3	7.8	6.7	5.8	10.0	8.0	6.7	5.8	5.0	8.7	7.0	5.8	5.0	4.4	7.0	5.6	4.7	4.0	3.5
				200	40.16	20	16.1	13.4	11.5	10.0	16.1	12.9	10.7	9.2	8.0	13.4	10.7	8.9	7.7	6.7	11.5	9.2	7.7	6.6	5.7	10.0	8.0	6.7	5.7	5.0	8.0	6.4	5.4	4.6	4.0
				250	44.78	22	17.9	14.9	12.8	11.2	17.9	14.3	11.9	10.2	9.0	14.9	11.9	10.0	8.5	7.5	12.8	10.2	8.5	7.3	6.4	11.2	9.0	7.5	6.4	5.6	9.0	7.2	6.0	5.1	4.5

* DIAPHRAGM TEEJET NOZZLES #4664A, #8355 & #6135 DESCRIBED IN BULLETIN 133.

TABULATION IS BASED ON WATER AT TEMPERATURE OF 21° C.

CAPACITIES ARE BASED ON 24 NOZZLES ALONG THE BOOM AND SPRAYING SIMULTANEOUSLY. FOR OTHER QUANTITIES OF NOZZLES (SAME CAPACITY... SAME OPERATING CONDITIONS) THE LIT/Ha ARE PROPORTIONAL.

THE USUAL SPRAYING HEIGHT VARIES FROM 4 TO 6 METERS. HOWEVER, THE SPRAYING HEIGHT AND OTHER VARIABLES AS WIND VELOCITY AND DRIFTAGE HAVE NOT BEEN TAKEN INTO CONSIDERATION IN THE COMPUTATION OF THE CAPACITY TABULATION.



DESCRIPTION:
LITERS PER HECTARE TABULATION FOR AIRPLANE SPRAYING USING NO. 4664A, NO. 8355 & NO. 6135
DIAPHRAGM TEEJET NOZZLES WITH DISC AND CORE COMBINATION



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

Rev. No.

Data Sheet No.

Ref.

17947

SHEET OF