



WALDRUM SPECIALTIES, INC.

RADIARC® SPRAYER

CALIBRATION (WATER)					
NOZZLE ORIFICE SIZE	GALLONS PER MINUTE (22 NOZZLES)				
	10 PSI	20 PSI	30 PSI	40 PSI	50 PSI
.030"	1.42	2.12	2.56	2.93	3.30
.045"	4.05	5.59	6.47	7.34	8.08
.070"	9.16	11.58	14.50	18.24	—
.085"	12.00	15.80	18.53	20.50	—
.101"	13.55	18.15	21.00	—	—
GALLONS PER MINUTE (1 NOZZLE)					
.030"	.06	.10	.12	.13	.15
.045"	.18	.25	.29	.33	.37
.070"	.42	.53	.66	.83	—
.085"	.55	.72	.84	.93	—
.101"	.62	.83	.95	—	—

GALLONS PER MINUTE OUTPUT REQUIRED TO APPLY											
SWATH WIDTH FEET	10 GALLONS PER ACRE					25 GALLONS PER ACRE					
	Speed (MPH)	1	5	10	15	20	1	5	10	15	20
5		0.10	0.50	1.01	1.51	2.02	0.25	1.26	2.52	3.78	5.04
10		0.20	1.01	2.02	3.02	4.04	0.50	2.52	5.04	7.56	10.08
15		0.30	1.51	3.02	4.54	6.06	0.75	3.78	7.58	11.34	15.12
20		0.40	2.02	4.04	6.04	8.08	1.01	5.04	10.08	15.12	20.16
25		0.50	2.52	5.03	7.55	10.06	1.26	6.29	12.58	18.88	25.16
35		0.70	3.53	7.06	10.58	14.14	1.76	8.82	17.64	26.46	35.28
40		0.80	4.04	8.08	12.08	16.16	2.02	10.08	20.16	30.24	40.32

NOTE: The above tables are only guides. The parameters can change due to operational conditions and spray solutions.

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