

# FL Selection

Include both nozzle & dosing orifice numbers when ordering

Component	Type	Order No.
Body	Stainless steel	500.179.16
	Black polymer for 0.8, 1.0 & 1.2 mm dosing orifices	500.179.56.00
	Gray polymer for 1.2, 1.5 & 1.8 mm dosing orifices	500.179.56.01
Dosing orifice (stainless steel)	0.8 mm/32	050.030.1C.00.00
	1.0 mm/39	050.030.1C.01.00
	1.2 mm/48	050.030.1C.03.00
	1.5 mm/59	050.030.1C.02.00
	1.8 mm/72	050.030.1C.04.00

Dosing Orifice ± mm	PSI	G P M		GALLONS/ACRE of UAN* @ 20" Spacing							
		Water	UAN*	4 mph	5 mph	6 mph	7 mph	8 mph	9 mph	10 mph	
0.8/32	15	0.08	0.07	5.4	4.3	3.6	3.1	2.7	2.4	2.2	
	30	0.12	0.10	7.6	6.1	5.1	4.3	3.8	3.4	3.0	
	40	0.13	0.12	8.8	7.1	5.9	5.1	4.4	3.9	3.5	
	60	0.17	0.15	11.0	8.8	7.3	6.3	5.5	4.9	4.4	
	75	0.19	0.16	12.2	9.7	8.1	7.0	6.1	5.4	4.9	
1.0/39	15	0.12	0.11	8.2	6.5	5.5	4.7	4.1	3.6	3.3	
	30	0.17	0.15	11.4	9.1	7.6	6.5	5.7	5.1	4.5	
	40	0.20	0.18	13.4	10.7	8.9	7.6	6.7	5.9	5.3	
	60	0.25	0.22	16.2	12.9	10.8	9.2	8.1	7.2	6.5	
	75	0.28	0.24	18.2	14.5	12.1	10.4	9.1	8.1	7.3	
1.2/48	15	0.18	0.16	11.8	9.4	7.8	6.7	5.9	5.2	4.7	
	30	0.26	0.23	16.8	13.4	11.2	9.6	8.4	7.4	6.7	
	40	0.29	0.26	19.4	15.5	12.9	11.1	9.7	8.6	7.7	
	60	0.36	0.32	23.5	18.8	15.7	13.5	11.8	10.5	9.4	
1.5/59	15	0.26	0.23	17.2	13.7	11.4	9.8	8.6	7.6	6.9	
	30	0.37	0.33	24.3	19.5	16.2	13.9	12.2	10.8	9.7	
	40	0.04	0.38	28.0	22.4	18.7	16.0	14.0	12.5	11.2	
1.8/72	15	0.37	0.33	24.3	19.5	16.2	13.9	12.2	10.8	9.7	
	30	0.53	0.46	34.5	27.6	23.0	19.7	17.3	15.3	13.8	
	40	0.52	0.54	39.9	31.9	26.6	22.8	19.9	17.7	15.9	

\*UAN - Urease ammonium nitrogen solution; concentration 28 wt.