

FLOW REGULATOR WITH FLEXIBLE METERING ORIFICE

Banding Liquid Fertilizer

Lo-VeriFlow 1



6 to 20 GPA @10" spacing

Reference Pressure PSI	Nozzle Flow Rate GPM	US Gallons / Acre @ 5 MPH							
		Based on Fertilizer							
		6" Spacing	7" Spacing	8" Spacing	9" Spacing	10" Spacing	12" Spacing	14" Spacing	20" Spacing
25	0.06	10.1	8.7	7.6	6.7	6.1	5.0	4.3	3.0
30	0.08	13.5	11.5	10.1	9.0	8.1	6.7	5.8	4.0
35	0.11	18.5	15.9	13.9	12.3	11.1	9.3	7.9	5.6
40	0.13	21.9	18.8	16.4	14.6	13.1	10.9	9.4	6.6
45	0.15	24.4	20.9	18.3	16.3	14.6	12.2	10.5	7.3
50	0.16	27.6	23.7	20.7	18.4	16.6	13.8	11.8	8.3
55	0.17	29.3	25.1	22.0	19.5	17.6	14.6	12.6	8.8
60	0.18	30.6	26.3	23.0	20.4	18.4	15.3	13.1	9.2
65	0.20	33.7	28.9	25.2	22.4	20.2	16.8	14.4	10.1

VeriFlow 1



3 to 30 GPA @ 8 MPH

Reference Pressure PSI	Nozzle Flow Rate GPM	30" Nozzle Spacing							
		US Gallons / Acre - Based on Fertilizer							
		4 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH
15	0.15	6.3	4.2	3.2	2.5	2.1	1.8	1.6	1.4
20	0.20	8.4	5.6	4.2	3.4	2.8	2.4	2.1	1.9
30	0.25	10.5	7.0	5.3	4.2	3.5	3.0	2.6	2.3
32	0.30	12.6	8.4	6.3	5.0	4.2	3.6	3.2	2.8
35	0.40	16.8	11.2	8.4	6.7	5.6	4.8	4.2	3.7
38	0.60	25.2	16.8	12.6	10.1	8.4	7.2	6.3	5.6
41	0.80	33.7	22.4	16.8	13.5	11.2	9.6	8.4	7.5
44	1.00	42.1	28.1	21.0	16.8	14.0	12.0	10.5	9.4
47	1.15	48.4	32.3	24.2	19.4	16.1	13.8	12.1	10.8
60	1.35	56.8	37.9	28.4	22.7	18.9	16.2	14.2	12.6
70	1.50	63.1	42.1	31.6	25.2	21.0	18.0	15.8	14.0

Hi-VeriFlow 1



5 to 60 GPA @ 8 MPH

Reference Pressure PSI	Nozzle Flow Rate GPM	30" Nozzle Spacing							
		US Gallons / Acre - Based on Fertilizer							
		4 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH
20	0.25	10.5	7.0	5.3	4.2	3.5	3.0	2.6	2.3
30	0.40	16.8	11.2	8.4	6.7	5.6	4.8	4.2	3.7
35	0.70	29.5	19.6	14.7	11.8	9.8	8.4	7.4	6.5
40	1.00	42.1	28.1	21.0	16.8	14.0	12.0	10.5	9.4
45	1.20	50.5	33.7	25.2	20.2	16.8	14.4	12.6	11.2
50	1.70	71.5	47.7	35.8	28.6	23.8	20.4	17.9	15.9
55	2.20	92.6	61.7	46.3	37.0	30.9	26.4	23.1	20.6
60	2.50	105.2	70.1	52.6	42.1	35.1	30.1	26.3	23.4
70	2.80	117.8	78.5	58.9	47.1	39.3	33.7	29.5	26.2

Imperial Gallons / Acre

Lo-VeriFlow 1

Reference Pressure PSI	Nozzle Flow Rate GPM	Imperial Gallons / Acre @ 5 MPH							
		Based on Fertilizer							
		6" Spacing	7" Spacing	8" Spacing	9" Spacing	10" Spacing	12" Spacing	14" Spacing	20" Spacing
25	0.06	8.4	7.2	6.3	5.6	5.0	4.2	3.6	2.5
30	0.08	11.2	9.6	8.4	7.5	6.7	5.6	4.8	3.4
35	0.11	15.4	13.2	11.6	10.3	9.2	7.7	6.6	4.6
40	0.13	18.2	15.6	13.7	12.1	10.9	9.1	7.8	5.5
45	0.15	20.3	17.4	15.2	13.5	12.2	10.2	8.7	6.1
50	0.16	23.0	19.7	17.2	15.3	13.8	11.5	9.8	6.9
55	0.17	24.4	20.9	18.3	16.3	14.6	12.2	10.5	7.3
60	0.18	25.5	21.9	19.1	17.0	15.3	12.8	10.9	7.7
65	0.20	28.0	24.0	21.0	18.7	16.8	14.0	12.0	8.4

VeriFlow 1

Reference Pressure PSI	Nozzle Flow Rate GPM	30" Nozzle Spacing							
		Imperial Gallons / Acre - Based on Fertilizer							
		4 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH
15	0.15	5.3	3.5	2.6	2.1	1.8	1.5	1.3	1.2
20	0.20	7.0	4.7	3.5	2.8	2.3	2.0	1.8	1.6
30	0.25	8.8	5.8	4.4	3.5	2.9	2.5	2.2	1.9
32	0.30	10.5	7.0	5.3	4.2	3.5	3.0	2.6	2.3
35	0.40	14.0	9.3	7.0	5.6	4.7	4.0	3.5	3.1
38	0.60	21.0	14.0	10.5	8.4	7.0	6.0	5.3	4.7
41	0.80	28.0	18.7	14.0	11.2	9.3	8.0	7.0	6.2
44	1.00	35.0	23.4	17.5	14.0	11.7	10.0	8.8	7.8
47	1.15	40.3	26.9	20.1	16.1	13.4	11.5	10.1	9.0
60	1.35	47.3	31.5	23.6	18.9	15.8	13.5	11.8	10.5
70	1.50	52.5	35.0	26.3	21.0	17.5	15.0	13.1	11.7

Hi-VeriFlow 1

Reference Pressure PSI	Nozzle Flow Rate GPM	30" Nozzle Spacing							
		Imperial Gallons / Acre - Based on Fertilizer							
		4 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH
20	0.25	8.8	5.8	4.4	3.5	2.9	2.5	2.2	1.9
30	0.40	14.0	9.3	7.0	5.6	4.7	4.0	3.5	3.1
35	0.70	24.5	16.3	12.3	9.8	8.2	7.0	6.1	5.4
40	1.00	35.0	23.4	17.5	14.0	11.7	10.0	8.8	7.8
45	1.20	42.0	28.0	21.0	16.8	14.0	12.0	10.5	9.3
50	1.70	59.5	39.7	29.8	23.8	19.8	17.0	14.9	13.2
55	2.20	77.1	51.4	38.5	30.8	25.7	22.0	19.3	17.1
60	2.50	87.6	58.4	43.8	35.0	29.2	25.0	21.9	19.5
70	2.80	98.1	65.4	49.0	39.2	32.7	28.0	24.5	21.8

Metric Units

Lo-VeriFlow1

Reference Pressure bar	Flow Rate Per Outlet l/min	Liters / Hectare @ 8 km/h							
		Based on Fertilizer							
		150 mm	180 mm	200 mm	220 mm	260 mm	300 mm	380 mm	460 mm
1.7	0.23	97	80	72	66	56	48	38	31
2.1	0.30	129	107	97	88	74	64	51	42
1.7	0.42	177	147	133	121	102	88	70	58
2.8	0.49	209	174	157	143	121	105	83	68
3.1	0.55	233	194	175	159	135	117	92	76
3.4	0.62	264	220	198	180	152	132	104	86
3.8	0.66	280	233	210	191	161	140	110	91
4.1	0.69	293	244	220	200	169	146	116	95
4.5	0.76	322	268	241	219	186	161	127	105

VeriFlow1

Reference Pressure bar	Nozzle Flow Rate l/min	75 cm Nozzle Spacing							
		Liters / Hectare - Based on Fertilizer							
		6 km/h	7 km/h	8 km/h	10 km/h	12 km/h	15 km/h	20 km/h	25 km/h
1.0	0.57	64	55	48	39	32	26	19	15
1.4	0.76	86	74	64	51	43	34	26	21
2.0	0.95	107	92	80	64	54	43	32	26
2.2	1.14	128	110	97	77	64	51	39	31
2.4	1.51	171	147	129	103	86	69	51	41
2.6	2.27	257	221	193	154	129	103	77	62
2.8	3.03	342	294	257	206	172	137	103	82
3.0	3.79	428	368	322	257	214	172	129	103
3.2	4.35	492	423	370	296	247	197	148	118
4.1	5.11	577	496	434	347	290	232	174	139

Hi-VeriFlow1

Reference Pressure bar	Nozzle Flow Rate l/min	75 cm Nozzle Spacing							
		Liters / hectare - Based on Fertilizer							
		6 km/h	7 km/h	8 km/h	10 km/h	12 km/h	15 km/h	20 km/h	25 km/h
1.7	0.95	107	92	80	64	54	43	32	26
2.2	1.51	171	147	129	103	86	69	51	41
2.4	2.65	299	257	225	180	150	120	90	72
2.6	3.79	428	368	322	257	214	172	129	103
2.8	4.54	513	441	386	309	257	206	154	124
3.1	6.43	727	625	547	438	365	292	219	175
3.4	8.33	941	809	708	566	472	377	283	226
3.8	9.46	1069	919	804	643	536	429	322	257
4.1	10.60	1198	1029	901	721	600	480	360	288
5.2	11.36	1283	1103	965	772	643	515	386	309