

FLOW REGULATOR WITH FLEXIBLE METERING ORIFICE

Banding Liquid Fertilizer

VeriFlow 2



8 to 50 GPA

Reference Pressure PSI	Flow Rate Per Outlet GPM	US Gallons / Acre @ 5 MPH							
		Based on Fertilizer							
		6"	7"	8"	9"	10"	12"	14"	20"
15	0.07	11.8	10.1	8.8	7.9	7.1	5.9	5.0	3.5
20	0.09	15.1	13.0	11.4	10.1	9.1	7.6	6.5	4.5
25	0.10	16.8	14.4	12.6	11.2	10.1	8.4	7.2	5.0
30	0.13	21.9	18.8	16.4	14.6	13.1	10.9	9.4	6.6
35	0.22	37.0	31.7	27.8	24.7	22.2	18.5	15.9	11.1
40	0.38	64.0	54.8	48.0	42.6	38.4	32.0	27.4	19.2
45	0.30	50.5	43.3	37.9	33.7	30.3	25.2	21.6	15.1
50	0.43	72.4	62.0	54.3	48.2	43.4	36.2	31.0	21.7
55	0.47	79.1	67.8	59.3	52.7	47.5	39.6	33.9	23.7
60	0.52	87.5	75.0	65.6	58.3	52.5	43.8	37.5	26.3

Hi-VeriFlow 2



12 to 65 GPA

Reference Pressure PSI	Flow Rate Per Outlet GPM	US Gallons / Acre @ 5 MPH							
		Based on Fertilizer							
		6"	7"	8"	9"	10"	12"	14"	20"
15	0.11	18.5	15.9	13.9	12.3	11.1	9.3	7.9	5.6
20	0.13	21.9	18.8	16.4	14.6	13.1	10.9	9.4	6.6
25	0.14	23.6	20.2	17.7	15.7	14.1	11.8	10.1	7.1
30	0.15	25.2	21.6	18.9	16.8	15.1	12.6	10.8	7.6
35	0.17	28.6	24.5	21.5	19.1	17.2	14.3	12.3	8.6
40	0.40	67.3	57.7	50.5	44.9	40.4	33.7	28.9	20.2
45	0.50	84.2	72.1	63.1	56.1	50.5	42.1	36.1	25.2
50	0.60	101.0	86.6	75.7	67.3	60.6	50.5	43.3	30.3
55	0.65	109.4	93.8	82.0	72.9	65.6	54.7	46.9	32.8
60	0.68	114.4	98.1	85.8	76.3	68.7	57.2	49.0	34.3

Imperial Gallons Per Acre

VeriFlow2

Reference Pressure PSI	Flow Rate Per Outlet GPM	Imperial Gallons / Acre @ 5 MPH						
		Based on Fertilizer						
		6"	8"	9"	10"	12"	14"	20"
15	0.08	10.5	7.9	7.0	6.3	5.3	4.5	3.2
20	0.09	12.6	9.5	8.4	7.6	6.3	5.4	3.8
25	0.10	14.0	10.5	9.3	8.4	7.0	6.0	4.2
30	0.13	18.2	13.7	12.1	10.9	9.1	7.8	5.5
35	0.22	30.8	23.1	20.6	18.5	15.4	13.2	9.2
40	0.32	44.8	33.6	29.9	26.9	22.4	19.2	13.5
45	0.38	53.3	39.9	35.5	32.0	26.6	22.8	16.0
50	0.43	60.3	45.2	40.2	36.2	30.1	25.8	18.1
55	0.47	65.9	49.4	43.9	39.5	32.9	28.2	19.8
60	0.52	72.9	54.7	48.6	43.7	36.4	31.2	21.9

Hi-VeriFlow2

Reference Pressure PSI	Flow Rate Per Outlet GPM	Imperial Gallons / Acre @ 5 MPH						
		Based on Fertilizer						
		6"	8"	9"	10"	12"	14"	20"
15	0.11	15.4	11.6	10.3	9.2	7.7	6.6	4.6
20	0.13	18.2	13.7	12.1	10.9	9.1	7.8	5.5
25	0.14	19.6	14.7	13.1	11.8	9.8	8.4	5.9
30	0.15	21.0	15.8	14.0	12.6	10.5	9.0	6.3
35	0.17	23.8	17.9	15.9	14.3	11.9	10.2	7.1
40	0.40	56.0	42.0	37.4	33.6	28.0	24.0	16.8
45	0.50	70.1	52.5	46.7	42.0	35.0	30.0	21.0
50	0.60	84.1	63.0	56.0	50.4	42.0	36.0	25.2
55	0.65	91.1	68.3	60.7	54.6	45.5	39.0	27.3
60	0.68	95.3	71.5	63.5	57.2	47.6	40.8	28.6

Liters Per Hectare

VeriFlow2

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
1.00	0.30	128	106	96	87	74	64	50	42
1.30	0.34	145	120	108	99	83	72	57	47
1.70	0.38	162	135	121	110	93	81	64	53
2.00	0.49	208	173	156	142	120	104	82	68
2.40	0.83	353	294	265	241	204	176	139	115
2.70	1.20	510	425	383	348	294	255	201	166
3.10	1.40	595	496	446	406	343	298	235	194
3.40	1.60	680	566	510	464	392	340	268	222
3.80	1.80	765	637	574	522	441	383	302	249
4.10	1.95	829	690	622	565	478	414	327	270

Hi-VeriFlow2

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
1.00	0.42	179	149	134	122	103	89	70	58
1.30	0.49	208	173	156	142	120	104	82	68
1.70	0.53	225	188	169	154	130	113	89	73
2.00	0.57	242	202	182	165	140	121	96	79
2.40	0.64	272	227	204	185	157	136	107	89
2.70	1.50	638	531	478	435	368	319	252	208
3.10	1.90	808	673	606	551	466	404	319	263
3.40	2.30	978	814	733	666	564	489	386	319
3.80	2.50	1063	885	797	724	613	531	419	346
4.10	2.60	1105	920	829	753	637	553	436	360