

FLOW RATE, RADIUS AND DIAMETER

Pressure	Spray	Flow rate	Radius		Diameter
PSI	base	GPH	90°	180°	360° with 12 jets
15	blue .051"	7.5	4.0'	4.9'	4.3'
20	blue .051"	8.8	5.0'	6.9'	5.7'
25	blue .051"	10.0	5.5'	8.0'	6.5'
30	blue .051"	11.0	6.0'	8.5'	6.9'

MAXIMUM NUMBER OF MICRO SPRAYERS ON 1/2" DRIP TUBING WITH .600 ID

Micro sprayer spacing	2'	3'	4'	5'	6'
Flow rate @ 25 PSI	10	10	10	10	10
Maximum Length	52'	69'	84'	95'	108'
Flow rate in GPM	4.33	3.83	3.50	3.17	3.00
Flow rate in GPH	260	230	210	190	180
# of micro sprayers	26	23	21	19	18
Head Loss in PSI	4.6	4.8	5.0	4.7	4.8
Velocity (f/s)	4.92	4.35	3.97	3.60	3.41
48" micro tubing head loss in PSI	0.4	0.4	0.4	0.4	0.4
Total head loss at the micro sprayer	5.0	5.2	5.4	5.1	5.2

*Coverage based on a minimum 10" above ground