

BigFoot® 3.0

Run Length Guides

				5/8"				7/8"				
		Nominal Flows		Maximum Run Length				Maximum Run Length				
Outlet	Emitter	Q - 100 / Feet		in feet				in feet				
Spacing	Flow Rate	GPM/100ft	GPH/100ft	Emmision Uniformity				Emmision Uniformity				
in	cm	gph	at 8 psi	at 8 psi	94%	92%	90%	85%	94%	92%	90%	85%
6	15	0.06	0.20	12	580	740	855	1080	1030	1320	1525	1920
12	30		0.10	6	900	1150	1335	1680	1610	2060	2360	2995
18	45		0.07	4	1170	1490	1730	2175	2075	2660	3085	3870
24	60		0.05	3	1410	1790	2075	2610	2505	3200	3710	4660
6	15	0.07	0.23	14	525	670	775	978	940	1200	1390	1750
12	30		0.12	7	815	1040	1210	1520	1450	1865	2150	2720
18	45		0.08	5	1070	1350	1560	1970	1890	2400	2790	3515
24	60		0.06	3	1280	1625	1880	2365	2260	2900	3350	4225
4	10	0.10	0.50	30	311	411	470	573	553	730	834	1017
8	20		0.25	15	448	644	736	898	720	1144	1308	1594
12	30		0.17	10	635	838	958	1169	937	1490	1702	2075
16	40		0.13	8	764	1010	1152	1408	1128	1796	2050	2500
24	60	0.13	0.08	5	980	1316	1502	1830	1468	2336	2730	3252
4	10		0.67	40	275	348	403	510	490	625	725	910
8	20		0.34	20	425	540	628	872	765	970	1120	1415
12	30		0.22	13	555	700	810	1025	990	1257	1455	1835
16	40	0.21	0.17	10	665	845	975	1230	1180	1510	1740	2200
24	60		0.11	7	860	1095	1260	1595	1525	1955	2260	2845
4	10		1.05	63	200	257	297	376	360	460	535	672
8	20		0.52	31	315	400	462	583	560	715	830	1045
12	30	0.27	0.35	21	408	515	598	755	720	920	1072	1350
16	40		0.26	16	490	620	720	906	870	1110	1290	1620
24	60		0.17	10	630	805	930	1175	1120	1440	1660	2100
4	10		1.34	80	172	218	254	320	305	393	455	574
8	20	0.27	0.67	40	265	340	395	498	480	610	705	890
12	30		0.45	27	345	440	510	642	620	790	915	1150
16	40		0.34	20	415	530	612	772	740	945	1095	1380
24	60		0.22	13	540	685	790	998	960	1220	1420	1790
Single run uniformity on flat ground (0% slope) 8 psi nominal, 10 psi inlet pressure												

Single run uniformity on flat ground (0% slope) 8 psi nominal, 10 psi inlet pressure

Drip Irrigation Formulas U.S. Units

APPLICATION RATE (IN/HR)

$11.6 \times Q100$ (GPM per 100 ft.)

Tape Lateral Spacing (in.)

FEET OF TAPE PER ACRE

$\frac{43,560 \times 12}{\text{Tape Lateral Spacing (in.)}}$

GPM PER ACRE

$\frac{\text{Feet of Tape/Acre}}{100} \times Q100$

Packaging Information



Reel Diameter: 22"

Reel Height: 11"

Core Width: 4"

Core Diameter: 1.5"

16 Coils per Pallet

Consult your Irrigation dealer to ensure appropriate system design and filtration requirements for your specific application.

Scan this code to find out more about our BigFoot® Drip Tape



P.O. Box 428 • Exeter, CA 93221 USA
Toll-Free USA: 1-(800) BOWSMITH 1-(800)-269-7648
P: (559) 592-9485 F: (559) 592-2314
www.bowsmith.com