GritX™
PRESSURE COMPENSATING DRIPLINE
TECHNICAL SPECIFICATIONS

Improve irrigation efficiency with Rain Bird GritX™ Pressure Compensating Dripline. Our self-flushing GritX™ emitters are low profile with large inlet and outlet holes as well as a wide flow path to ensure that any grit that gets in can pass through without clogging. Combined with our expertise in manufacturing to ensure precise emitter spacing, you can count on Rain Bird GritX PC Dripline to put water where you need it.

5 YEAR TRADE WARRANTY
WORKMANSHIP

7 YEAR ENVIRONMENTAL WARRANTY
ENVIRONMENTAL STRESS CRACKING (ESCR)

FEATURES

- GritX™ self flushing emitters feature a wide and tall tortuous path as well as a large, flexible diaphragm to ensure that any grit that gets into your lines also gets out.
- Emitter spacing is measured to your precise specification to ensure your irrigation system is delivering the right amount of water where you need it.
- Durable, kink free tubing means easy installation and long-lasting performance.
- Dual green stripes help identify and orient emitters for installation.
- Available with Vine Clips, factory installed.

OPERATING RANGE

Operating Pressure	7–60 psi	0.5–4 bar
Flow Rate	0.31–1.0 gph	1.2–4.0 lph
Filtration	120 mesh	125 micron
Water Temperature (up to)	110°F	43.3°C
Ambient Temperature (up to)	150°F	65.6°C

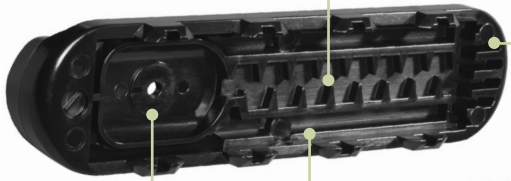
APPLICATIONS

ORCHARDS
Walnuts, Pistachios, Almonds, Pecans, Citrus, Avocados

TRELLIS
Grapes, Apples, Stonefruit, Berries, Cherries

LOCATIONS
Agriculture, Greenhouse, Nursery

GritX™ PC EMITTER



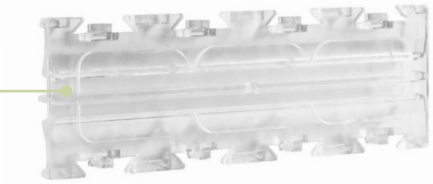
Wide emitter flow channel to let debris pass instead of plugging the emitter

Large inlet area lets debris pass instead of plugging emitter filter

Dual-flushing emitter design clears grit and debris to provide reliable supply of water to crops

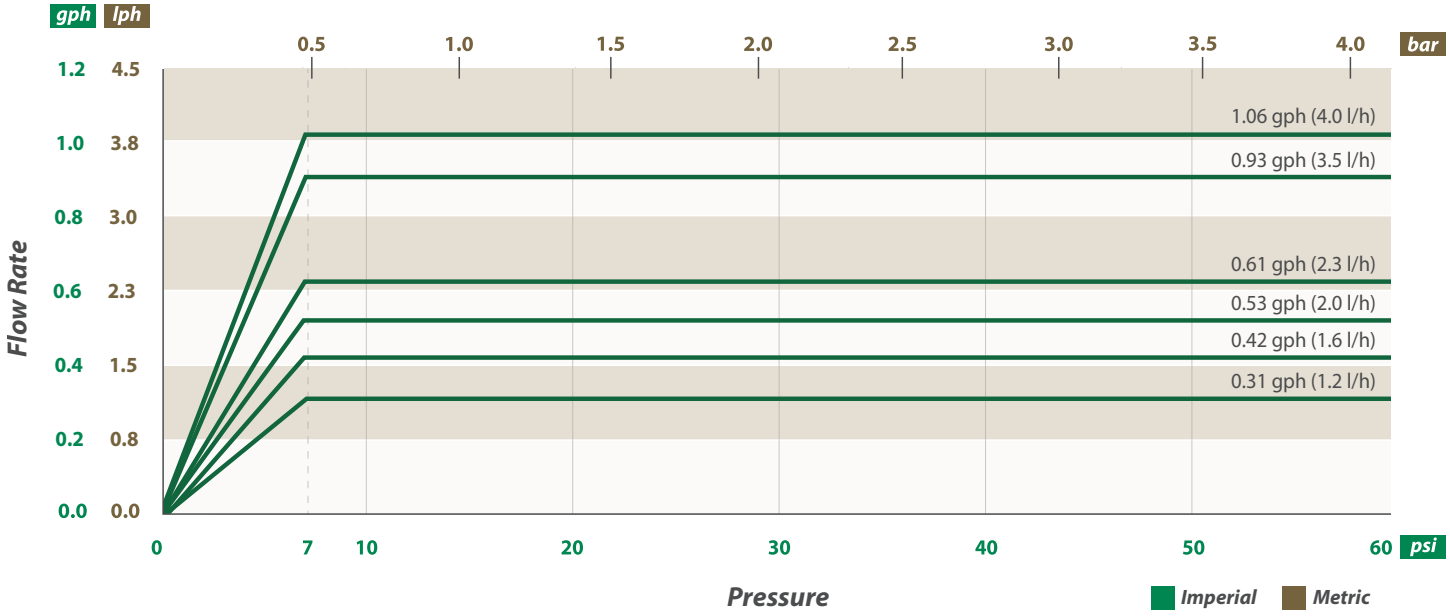
Chemical-resistant silicone diaphragm for longer life

Low profile design draws cleanest available water and reduces friction loss



Reinforced structure improves emitter robustness

GritX™ PC Flow Chart



EMITTER PERFORMANCE DATA	0.31 gph (1.2 l/h)	0.42 gph (1.6 l/h)	0.53 gph (2.0 l/h)	0.61 gph (2.3 l/h)	0.93 gph (3.5 l/h)	1.06 gph (4.0 l/h)
Coefficient of Variation (Cv)	0.036	0.037	0.035	0.028	0.034	0.035
Constant (k)	0.35	0.41	0.53	0.63	0.94	1.01
Exponent (x)	0.026	0.019	0.017	0.007	0.005	0.004

	16 mm	18 mm	20 mm
Barb Loss Factor (Kd)	1.40	0.85	0.41

HOW TO ORDER

GX - 1635 - 5 - 18 (or M020) - 24 - W

Model	Tube Diameter	Emitter Flow Rate	Emitter Spacing	Vine Clip Spacing (optional)	Color (optional)
	1635 = 16mm 0.035 wall 1645 = 16mm 0.045 wall 1840 = 18mm 0.040 wall 1845 = 18mm 0.045 wall 1850 = 18mm 0.050 wall 2040 = 20mm 0.040 wall 2048 = 20mm 0.048 wall 2050 = 20mm 0.050 wall	**Imperial** 3 = 0.31 gph 4 = 0.42 gph 5 = 0.53 gph 6 = 0.61 gph 9 = 0.93 gph 1 = 1.06 gph **Metric** 3 = 1.2 l/h 4 = 1.6 l/h 5 = 2.0 l/h 6 = 2.3 l/h 9 = 3.5 l/h 1 = 4.0 l/h	**Imperial** 18 = 18" 24 = 24" 30 = 30" 36 = 36" 42 = 42" 48 = 48" 60 = 60" **Metric** M020 = 20 cm M030 = 30 cm M040 = 40 cm M050 =50 cm	**Imperial** 24 = 24" 30 = 30" 36 = 36" 42 = 42" **Metric** M020 = 20 cm M030 = 30 cm M040 = 40 cm M050 =50 cm	W = White

PACKAGING DATA

Pallet	16 Coils

	FEET	METERS
Standard Coil Length	1,000	305

COIL DIMENSIONS*	INCHES	METERS
Length	31	0.8
Width	16	0.4
Height	12	0.3

	LBS	KILOS
Coil Weight*	40	18.14

PALLET DIMENSIONS*	FEET	METERS
Length	5.2	1.6
Width	5.2	1.6
Height	4.5	1.4

	LBS	KILOS
Pallet Weight*	645	293

Average dimensions based on 18 mm dripline.
*Actuals will vary depending on your specification.

Call 1-800-HELLO-AG for specific pallet weights and dimensions.

Vine Clips

Factory installed Rain Bird® Vine Clips make it easy to attach dripline to various vine or trellis applications, reducing labor and installation time in the field.

- ✓ Improves control of water placement
- ✓ Easily adjustable to direct water droplets on plant
- ✓ Unparalleled strength on the wire
- ✓ Low profile for mechanical harvesting

Rain Bird Vine Clips - Available Factory Installed

Clip Plugs

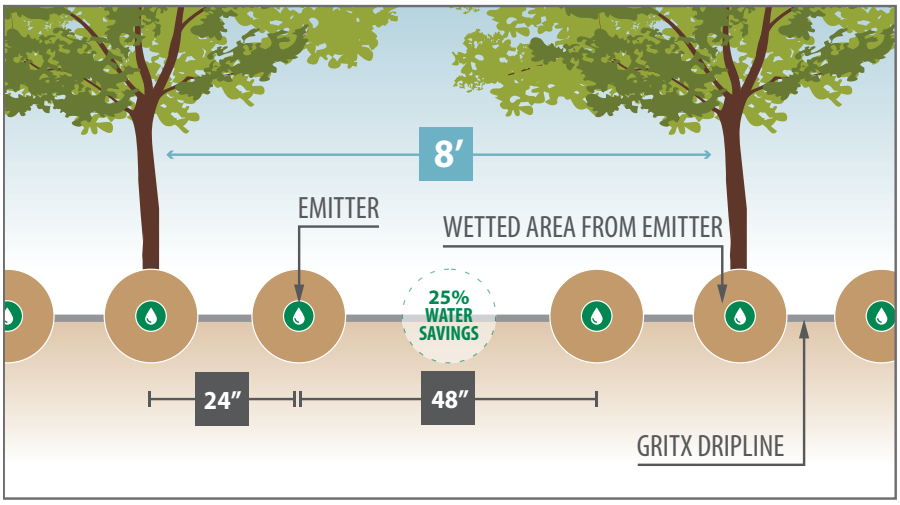
Rain Bird® Clip Plugs enable easy customization of water flow for greater precision and efficiency.

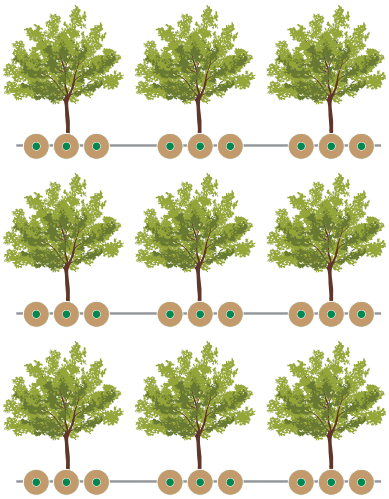
- ✓ Ratchet closure ensures clip will not fall off in field
- ✓ Durable construction withstands harsh conditions
- ✓ Easy to install and remove

Save 25% (or More) on Irrigation Costs with Smart Spacing

Smart Spacing allows growers to specify repeating patterns of variable spacing between emitters to deliver water to the plants and not the areas between them. Save water and energy while reducing chemical consumption with Smart Spacing.

HOW IT WORKS:





In the example above, the order is for 18mm Heavywall Dripline with 0.53 gph emitters that features "Smart Spacing". There is a repeating pattern of 2 short spaces with emitters spaced 24" apart followed by 1 long space of 48".

Another way to think about this example is that we're "skipping" every 4th emitter, so you're using 25% less water and simultaneously cutting irrigation expenses by 25% when you install GritX with Smart Spacing.

HOW TO ORDER

GXSS - 18 - 5 - S - 24 - X - 2 - L - 48 - X - 1 - W

Model

Tube Diameter
1635 = 16 mm 0.035 wall
1645 = 16 mm 0.045 wall
1845 = 18 mm 0.045 wall
2048 = 20 mm 0.048 wall

Emitter Flow Rate

Imperial
3 = 0.31 gph
4 = 0.42 gph
5 = 0.53 gph
6 = 0.61 gph
9 = 0.93 gph
1 = 1.06 gph

Metric
3 = 1.2 l/h
4 = 1.6 l/h
5 = 2.0 l/h
6 = 2.3 l/h
9 = 3.5 l/h
1 = 4.0 l/h

Short Space Designator

*Short Space Between Emitters**

Imperial
18 = 18″
24 = 24″
30 = 30″
36 = 36″
42 = 42″
48 = 48″
60 = 60″

Metric
18 = 45.7 cm
24 = 61.0 cm
30 = 76.2 cm
36 = 91.4 cm
42 = 106.7 cm
48 = 121.9 cm
60 = 152.4 cm

Short Space Repeats
2
3

Long Space Designator

*Long Space Between Emitters**

Imperial
18 = 18″
24 = 24″
30 = 30″
36 = 36″
42 = 42″
48 = 48″
60 = 60″

Metric
18 = 45.7 cm
24 = 61.0 cm
30 = 76.2 cm
36 = 91.4 cm
42 = 106.7 cm
48 = 121.9 cm
60 = 152.4 cm

Long Space Repeats
1
2
3

Color (optional)
W = White

GritX™ PC 16 mm Dripline - 0.31 gph

Max. Lateral Length (feet)
GritX™ PC - 16 mm - 0.31 gph

Imperial

		Emitter Spacing (inches)									
	Inlet Pressure (psi)	18	20	22	24	26	28	30	36	42	48
Uphill 2%	20	464	500	534	566	598	628	655	729	798	856
	25	531	575	616	656	693	730	765	858	942	1,020
	30	588	637	684	730	771	814	853	963	1,064	1,152
	35	636	690	743	792	841	887	930	1,053	1,166	1,268
	40	680	737	794	848	899	950	998	1,134	1,257	1,368
	45	717	780	840	898	953	1,006	1,058	1,203	1,337	1,460
	50	753	818	882	942	1,001	1,059	1,115	1,269	1,411	1,544
	55	785	853	920	984	1,047	1,106	1,165	1,329	1,481	1,620
	60	815	887	957	1,024	1,088	1,153	1,213	1,386	1,544	1,692
Flat	20	527	575	622	668	713	758	800	924	1,043	1,152
	25	590	643	697	748	800	849	898	1,038	1,169	1,292
	30	642	702	759	816	871	924	978	1,131	1,274	1,412
	35	687	750	812	874	934	992	1,048	1,212	1,365	1,512
	40	726	795	860	926	988	1,050	1,110	1,284	1,449	1,604
	45	764	835	904	972	1,038	1,104	1,165	1,347	1,523	1,684
	50	797	872	944	1,014	1,083	1,150	1,218	1,407	1,589	1,760
	55	828	905	981	1,054	1,127	1,197	1,265	1,464	1,652	1,832
	60	857	937	1,016	1,092	1,166	1,239	1,310	1,515	1,712	1,896
Downhill 2%	20	591	652	713	772	832	891	950	1,125	1,299	1,468
	25	647	713	779	844	908	971	1,035	1,221	1,404	1,580
	30	695	765	834	904	971	1,038	1,105	1,299	1,491	1,680
	35	737	812	884	956	1,027	1,097	1,168	1,371	1,572	1,764
	40	776	852	928	1,004	1,079	1,150	1,223	1,437	1,642	1,844
	45	809	890	970	1,048	1,125	1,199	1,275	1,494	1,708	1,916
	50	840	923	1,007	1,088	1,166	1,246	1,323	1,548	1,771	1,984
	55	870	957	1,041	1,124	1,207	1,288	1,368	1,599	1,827	2,044
	60	897	987	1,074	1,160	1,244	1,328	1,408	1,647	1,880	2,104

Minimum operating pressure = 7 psi

GritX™ PC 16 mm Dripline - 0.42 gph

Max. Lateral Length (feet)
GritX™ PC - 16 mm - 0.42 gph

Imperial

		Emitter Spacing (inches)									
	Inlet Pressure (psi)	18	20	22	24	26	28	30	36	42	48
Uphill 2%	20	389	420	451	480	507	532	558	627	690	744
	25	444	482	517	552	585	616	645	729	805	876
	30	489	532	572	610	648	684	718	816	903	984
	35	528	575	620	662	702	742	780	888	987	1,076
	40	564	613	660	706	750	793	835	951	1,061	1,156
	45	594	647	699	746	793	840	885	1,008	1,124	1,232
	50	623	678	732	784	834	882	930	1,062	1,183	1,300
	55	650	707	763	818	871	922	970	1,110	1,239	1,360
	60	674	735	792	850	904	957	1,010	1,155	1,292	1,420
Flat	20	431	472	510	548	585	621	658	759	854	948
	25	483	528	572	614	657	695	735	852	959	1,064
	30	525	575	622	668	715	758	803	927	1,047	1,160
	35	563	615	666	716	765	812	860	993	1,120	1,244
	40	596	652	706	758	810	861	910	1,053	1,187	1,316
	45	626	683	741	796	852	905	958	1,107	1,250	1,384
	50	653	713	774	832	888	945	1,000	1,155	1,306	1,444
	55	678	742	803	864	923	982	1,038	1,200	1,355	1,504
	60	702	768	832	894	956	1,015	1,075	1,245	1,404	1,556
Downhill 2%	20	474	523	570	618	665	712	758	894	1,029	1,160
	25	522	575	627	678	728	779	828	975	1,117	1,256
	30	561	618	673	728	782	835	888	1,041	1,194	1,340
	35	597	657	715	772	828	884	940	1,101	1,260	1,412
	40	627	690	752	812	871	929	988	1,155	1,320	1,480
	45	656	722	785	848	910	971	1,030	1,206	1,376	1,540
	50	683	750	816	880	945	1,008	1,070	1,251	1,425	1,596
	55	707	777	845	912	977	1,043	1,108	1,293	1,474	1,648
	60	729	802	871	940	1,008	1,076	1,140	1,332	1,519	1,696

Minimum operating pressure = 7 psi

GritX™ PC 16 mm Dripline - 0.53 gph

Max. Lateral Length (feet)
GritX™ PC - 16 mm - 0.53 gph

Imperial

		Emitter Spacing (inches)									
	Inlet Pressure (psi)	18	20	22	24	26	28	30	36	42	48
Uphill 2%	20	339	367	394	420	444	469	490	555	609	660
	25	386	418	451	480	509	539	565	642	711	772
	30	425	462	497	532	563	595	628	714	795	864
	35	458	498	537	574	611	646	680	774	865	944
	40	488	530	572	612	652	691	725	831	924	1,016
	45	515	560	605	648	689	728	768	879	980	1,076
	50	539	587	634	678	722	765	808	924	1,033	1,136
	55	561	612	660	708	754	798	843	966	1,078	1,188
	60	582	635	686	734	782	828	875	1,005	1,124	1,236
Flat	20	371	405	438	470	503	534	565	651	735	812
	25	414	453	491	528	563	597	633	732	826	912
	30	452	493	534	574	613	651	690	798	900	996
	35	483	528	572	616	657	698	738	855	963	1,068
	40	512	558	605	652	696	740	783	906	1,022	1,132
	45	537	587	636	684	730	777	823	951	1,075	1,192
	50	560	613	664	714	763	812	858	993	1,120	1,244
	55	582	637	689	742	793	842	893	1,032	1,166	1,292
	60	602	658	715	768	821	873	923	1,068	1,208	1,340
Downhill 2%	20	402	443	482	522	561	600	640	753	865	972
	25	443	487	532	574	618	658	700	822	942	1,056
	30	477	525	572	618	663	707	753	882	1,008	1,128
	35	509	558	607	656	704	751	798	933	1,068	1,192
	40	536	588	640	690	741	791	838	981	1,120	1,252
	45	560	615	669	722	774	826	875	1,023	1,166	1,304
	50	582	638	695	750	804	859	910	1,062	1,211	1,356
	55	603	662	721	776	832	889	943	1,101	1,253	1,400
	60	623	683	743	802	860	917	973	1,134	1,292	1,444

Minimum operating pressure = 7 psi

GritX™ PC 16 mm Dripline - 0.61 gph

Max. Lateral Length (feet)
GritX™ PC - 16 mm - 0.61 gph

Imperial

		Emitter Spacing (inches)									
	Inlet Pressure (psi)	18	20	22	24	26	28	30	36	42	48
Uphill 2%	20	311	337	363	386	410	432	453	513	567	616
	25	354	385	414	442	470	495	520	591	658	716
	30	389	423	457	488	518	548	578	657	732	800
	35	420	457	493	528	561	593	625	714	795	872
	40	447	487	524	562	598	632	668	762	851	936
	45	471	513	554	594	633	670	705	807	903	992
	50	492	537	579	622	663	702	740	849	949	1,044
	55	513	560	605	648	691	733	773	885	991	1,092
	60	533	580	627	672	717	761	803	921	1,033	1,136
Flat	20	338	368	400	430	459	488	515	594	672	744
	25	378	413	447	480	514	546	578	666	753	832
	30	411	450	488	524	559	595	628	726	819	908
	35	440	482	523	562	600	637	673	780	879	976
	40	467	510	552	594	635	674	713	825	931	1,032
	45	489	535	581	624	667	709	750	867	980	1,088
	50	510	558	605	652	696	740	783	906	1,022	1,136
	55	531	580	629	676	724	770	813	942	1,064	1,180
	60	549	602	651	700	750	796	843	975	1,103	1,220
Downhill 2%	20	365	400	436	472	507	544	578	678	777	876
	25	402	442	480	520	559	595	633	744	851	952
	30	434	477	519	560	600	642	680	798	910	1,020
	35	461	507	552	596	639	681	723	846	966	1,080
	40	486	533	581	626	672	716	760	888	1,012	1,132
	45	509	558	607	656	702	749	795	927	1,057	1,180
	50	530	580	631	682	730	779	825	966	1,099	1,228
	55	548	602	655	706	756	807	855	999	1,138	1,268
	60	566	622	675	728	780	833	883	1,029	1,173	1,308

Minimum operating pressure = 7 psi

GritX™ PC 16 mm Dripline - 0.93 gph

Max. Lateral Length (feet)
GritX™ PC - 16 mm - 0.93 gph

Imperial

		Emitter Spacing (inches)									
	Inlet Pressure (psi)	18	20	22	24	26	28	30	36	42	48
Uphill 2%	20	240	262	282	300	321	338	355	405	448	492
	25	273	297	321	342	364	385	405	462	518	564
	30	299	325	352	376	401	425	448	513	571	628
	35	321	350	380	406	433	457	483	555	620	680
	40	342	373	403	432	462	488	515	591	662	728
	45	360	393	425	456	485	516	543	624	700	772
	50	377	412	446	478	509	539	570	654	735	808
	55	392	428	464	496	531	562	593	684	767	844
	60	407	443	480	516	550	583	615	708	798	880
Flat	20	255	280	303	326	347	369	390	453	511	564
	25	287	313	339	364	390	413	438	507	571	632
	30	312	342	370	398	425	450	478	552	623	692
	35	333	365	396	426	455	483	513	591	669	740
	40	353	387	420	450	481	511	543	627	707	784
	45	371	407	440	474	507	539	570	660	746	824
	50	387	423	460	494	529	562	595	687	777	864
	55	402	440	477	514	548	583	618	717	809	896
	60	416	455	493	532	568	604	640	741	837	928
Downhill 2%	20	272	298	325	350	377	401	428	501	571	640
	25	300	330	359	388	416	443	470	549	627	704
	30	324	357	387	418	449	478	508	594	676	756
	35	345	380	413	446	477	509	540	630	718	800
	40	365	400	435	470	503	537	568	663	756	844
	45	381	418	455	492	527	560	595	693	788	880
	50	398	437	475	512	548	583	620	723	823	916
	55	413	452	491	530	568	604	643	747	851	948
	60	426	467	508	548	587	625	663	774	879	980

Minimum operating pressure = 7 psi

GritX™ PC 16 mm Dripline - 1.06 gph

Max. Lateral Length (feet)
GritX™ PC - 16 mm - 1.06 gph

Imperial

		Emitter Spacing (inches)									
	Inlet Pressure (psi)	18	20	22	24	26	28	30	36	42	48
Uphill 2%	20	222	242	260	278	295	313	328	375	417	456
	25	251	273	295	316	336	355	375	429	480	524
	30	275	300	325	348	371	392	413	474	529	580
	35	296	323	348	374	399	422	445	510	574	628
	40	315	343	370	398	425	450	475	546	613	672
	45	332	362	391	420	446	474	500	576	648	712
	50	347	378	409	440	468	497	525	603	679	748
	55	360	393	425	458	488	518	548	630	707	780
	60	374	408	442	474	507	537	568	654	735	812
Flat	20	234	257	279	298	319	338	358	414	469	520
	25	263	287	312	334	358	380	403	465	525	580
	30	287	313	339	364	390	413	438	507	574	636
	35	306	335	363	390	418	443	470	543	613	680
	40	324	355	385	414	442	469	498	576	651	720
	45	341	372	403	434	464	495	523	606	683	760
	50	356	388	422	454	485	516	545	633	714	792
	55	369	403	438	472	505	537	568	657	742	824
	60	383	418	453	488	522	555	588	681	770	852
Downhill 2%	20	248	272	295	320	342	366	390	456	522	584
	25	275	302	328	354	379	404	430	501	571	640
	30	297	325	354	382	410	436	463	540	616	688
	35	317	347	378	408	436	464	493	576	655	732
	40	333	367	398	430	459	490	520	606	690	768
	45	350	383	416	450	481	513	545	636	721	804
	50	365	400	435	468	501	534	568	660	749	836
	55	378	413	449	486	520	553	588	684	777	868
	60	390	428	466	502	537	572	608	708	802	896

Minimum operating pressure = 7 psi

GritX™ PC 18 mm Dripline - 0.31 gph

Max. Lateral Length (feet)
GritX™ PC - 18 mm - 0.31 gph

Imperial

		Emitter Spacing (inches)									
	Inlet Pressure (psi)	18	20	22	24	26	28	30	36	42	48
Uphill 2%	20	594	635	675	712	745	777	808	888	956	1,012
	25	689	740	788	834	878	919	958	1,062	1,152	1,232
	30	767	827	882	936	986	1,034	1,080	1,206	1,313	1,412
	35	834	900	963	1,022	1,079	1,132	1,185	1,326	1,453	1,568
	40	893	965	1,032	1,098	1,159	1,220	1,278	1,434	1,575	1,704
	45	947	1,023	1,096	1,166	1,233	1,297	1,360	1,530	1,687	1,824
	50	995	1,077	1,153	1,228	1,300	1,370	1,435	1,620	1,785	1,936
	55	1,038	1,125	1,206	1,286	1,363	1,435	1,505	1,701	1,880	2,040
	60	1,080	1,170	1,256	1,340	1,419	1,496	1,570	1,776	1,964	2,136
Flat	20	708	772	832	892	949	1,006	1,063	1,218	1,369	1,508
	25	794	865	933	1,000	1,066	1,129	1,190	1,368	1,537	1,696
	30	864	942	1,018	1,090	1,161	1,230	1,298	1,494	1,677	1,848
	35	926	1,008	1,089	1,168	1,244	1,318	1,393	1,599	1,796	1,984
	40	980	1,068	1,153	1,238	1,317	1,398	1,475	1,695	1,904	2,104
	45	1,029	1,122	1,212	1,300	1,385	1,468	1,550	1,782	2,002	2,212
	50	1,074	1,172	1,267	1,358	1,447	1,533	1,618	1,863	2,093	2,312
	55	1,116	1,218	1,316	1,410	1,504	1,594	1,683	1,935	2,177	2,404
	60	1,155	1,260	1,362	1,460	1,558	1,650	1,743	2,004	2,254	2,488
Downhill 2%	20	825	910	996	1,080	1,164	1,246	1,328	1,572	1,813	2,052
	25	900	990	1,080	1,170	1,259	1,346	1,433	1,689	1,943	2,188
	30	963	1,058	1,153	1,248	1,341	1,433	1,523	1,791	2,055	2,312
	35	1,019	1,118	1,219	1,316	1,413	1,510	1,605	1,881	2,153	2,420
	40	1,068	1,173	1,276	1,378	1,480	1,580	1,678	1,965	2,244	2,520
	45	1,113	1,223	1,329	1,436	1,541	1,643	1,743	2,040	2,328	2,612
	50	1,157	1,268	1,379	1,488	1,595	1,701	1,805	2,112	2,408	2,696
	55	1,196	1,312	1,425	1,538	1,647	1,757	1,863	2,178	2,482	2,776
	60	1,232	1,352	1,469	1,584	1,697	1,808	1,918	2,238	2,548	2,852

Minimum operating pressure = 7 psi

GritX™ PC 18 mm Dripline - 0.42 gph

Max. Lateral Length (feet)
GritX™ PC - 18 mm - 0.42 gph

Imperial

		Emitter Spacing (inches)									
	Inlet Pressure (psi)	18	20	22	24	26	28	30	36	42	48
Uphill 2%	20	504	542	576	610	641	670	698	774	840	896
	25	581	625	667	708	748	784	820	915	998	1,076
	30	644	695	744	790	834	877	918	1,029	1,131	1,220
	35	698	753	809	860	910	957	1,003	1,128	1,243	1,344
	40	746	807	865	922	975	1,027	1,078	1,215	1,341	1,456
	45	788	853	917	976	1,034	1,090	1,143	1,293	1,432	1,556
	50	827	897	963	1,026	1,088	1,148	1,205	1,365	1,512	1,644
	55	863	937	1,007	1,074	1,138	1,202	1,260	1,431	1,586	1,728
	60	897	973	1,047	1,116	1,185	1,251	1,313	1,491	1,656	1,808
Flat	20	581	633	684	732	780	826	873	1,002	1,124	1,240
	25	651	708	766	820	875	926	978	1,125	1,264	1,392
	30	708	772	834	894	953	1,010	1,065	1,227	1,376	1,520
	35	759	827	895	958	1,021	1,083	1,143	1,314	1,477	1,632
	40	804	877	946	1,016	1,081	1,148	1,210	1,392	1,565	1,728
	45	845	920	996	1,066	1,138	1,206	1,273	1,464	1,645	1,816
	50	881	962	1,040	1,114	1,187	1,260	1,330	1,530	1,719	1,900
	55	915	998	1,080	1,158	1,235	1,309	1,383	1,590	1,789	1,976
	60	948	1,033	1,117	1,198	1,278	1,356	1,430	1,647	1,852	2,044
Downhill 2%	20	660	727	792	858	923	987	1,050	1,239	1,425	1,608
	25	722	793	865	936	1,005	1,073	1,140	1,341	1,537	1,728
	30	776	852	926	1,000	1,075	1,146	1,218	1,428	1,631	1,832
	35	821	902	981	1,058	1,135	1,211	1,285	1,506	1,719	1,924
	40	863	947	1,029	1,110	1,190	1,269	1,348	1,575	1,796	2,008
	45	902	988	1,074	1,158	1,242	1,323	1,403	1,638	1,866	2,088
	50	936	1,027	1,115	1,202	1,287	1,372	1,455	1,698	1,932	2,160
	55	969	1,062	1,153	1,242	1,330	1,419	1,503	1,752	1,995	2,228
	60	999	1,095	1,190	1,282	1,372	1,461	1,548	1,806	2,051	2,292

Minimum operating pressure = 7 psi

GritX™ PC 18 mm Dripline - 0.53 gph

Max. Lateral Length (feet)
GritX™ PC - 18 mm - 0.53 gph

Imperial

		Emitter Spacing (inches)									
	Inlet Pressure (psi)	18	20	22	24	26	28	30	36	42	48
Uphill 2%	20	441	475	508	538	568	595	620	690	753	808
	25	507	547	585	622	657	691	723	810	889	960
	30	561	607	649	692	732	770	808	909	1,001	1,084
	35	606	657	704	750	795	838	878	993	1,096	1,192
	40	647	702	754	802	852	896	943	1,065	1,180	1,284
	45	684	742	798	850	901	950	998	1,134	1,257	1,368
	50	717	778	836	892	947	1,001	1,050	1,194	1,323	1,444
	55	747	812	873	932	990	1,045	1,098	1,248	1,390	1,516
	60	777	843	908	970	1,029	1,087	1,143	1,302	1,446	1,584
Flat	20	500	543	587	630	670	709	750	861	966	1,068
	25	560	608	658	706	752	796	840	966	1,085	1,200
	30	609	663	717	768	819	868	918	1,053	1,183	1,308
	35	653	710	768	824	878	931	983	1,131	1,271	1,404
	40	690	753	814	872	930	987	1,040	1,197	1,348	1,488
	45	725	790	854	916	977	1,036	1,095	1,260	1,414	1,564
	50	758	825	893	958	1,021	1,083	1,143	1,317	1,477	1,632
	55	786	858	928	994	1,062	1,125	1,188	1,368	1,537	1,700
	60	815	888	961	1,030	1,099	1,164	1,230	1,416	1,593	1,760
Downhill 2%	20	557	613	667	722	776	828	883	1,038	1,190	1,340
	25	612	672	732	790	847	905	960	1,128	1,288	1,448
	30	657	722	785	848	908	968	1,028	1,203	1,372	1,540
	35	698	765	832	898	962	1,024	1,088	1,272	1,449	1,620
	40	734	805	875	942	1,010	1,076	1,143	1,332	1,516	1,696
	45	767	840	913	984	1,053	1,122	1,190	1,389	1,579	1,764
	50	797	873	948	1,022	1,094	1,167	1,235	1,440	1,635	1,828
	55	825	905	983	1,058	1,133	1,206	1,278	1,488	1,691	1,884
	60	852	933	1,012	1,092	1,168	1,244	1,318	1,533	1,740	1,940

Minimum operating pressure = 7 psi

GritX™ PC 18 mm Dripline - 0.61 gph

Max. Lateral Length (feet)
GritX™ PC - 18 mm - 0.61 gph

Imperial

		Emitter Spacing (inches)									
	Inlet Pressure (psi)	18	20	22	24	26	28	30	36	42	48
Uphill 2%	20	408	438	469	498	524	551	575	645	704	756
	25	467	503	541	574	607	639	668	753	826	896
	30	515	557	598	636	674	709	745	840	928	1,008
	35	557	603	647	690	732	772	810	918	1,015	1,104
	40	594	643	691	738	782	826	868	984	1,089	1,188
	45	627	680	732	780	828	875	920	1,044	1,159	1,264
	50	657	713	768	820	871	919	965	1,098	1,222	1,336
	55	686	745	801	856	908	959	1,010	1,149	1,278	1,400
	60	711	773	832	890	945	999	1,050	1,197	1,334	1,460
Flat	20	455	497	535	574	611	649	683	786	882	976
	25	510	555	600	644	685	728	768	882	991	1,096
	30	555	605	655	702	748	793	838	963	1,082	1,192
	35	594	648	700	752	802	849	898	1,032	1,159	1,280
	40	630	687	743	796	849	901	950	1,095	1,229	1,356
	45	662	722	779	836	893	945	998	1,149	1,292	1,428
	50	690	753	814	874	932	987	1,043	1,200	1,351	1,492
	55	717	783	847	908	969	1,027	1,085	1,248	1,404	1,552
	60	743	810	876	940	1,003	1,064	1,123	1,293	1,453	1,608
Downhill 2%	20	504	553	603	652	700	747	795	933	1,068	1,200
	25	554	608	662	714	765	817	868	1,017	1,159	1,300
	30	596	653	711	766	821	877	930	1,086	1,239	1,388
	35	633	693	754	814	871	929	985	1,149	1,309	1,464
	40	666	730	794	854	914	975	1,033	1,206	1,372	1,532
	45	696	763	829	892	956	1,017	1,078	1,257	1,428	1,596
	50	725	793	862	928	992	1,057	1,120	1,305	1,481	1,652
	55	750	822	891	960	1,027	1,094	1,160	1,347	1,530	1,708
	60	774	848	920	990	1,060	1,127	1,195	1,389	1,579	1,756

Minimum operating pressure = 7 psi

GritX™ PC 18 mm Dripline - 0.93 gph

Max. Lateral Length (feet)
GritX™ PC - 18 mm - 0.93 gph

Imperial

		Emitter Spacing (inches)									
	Inlet Pressure (psi)	18	20	22	24	26	28	30	36	42	48
Uphill 2%	20	318	343	369	392	414	436	458	516	567	612
	25	362	392	422	448	475	502	525	594	658	716
	30	398	432	464	496	524	555	583	660	732	800
	35	429	467	502	536	568	600	630	717	798	872
	40	458	497	535	572	607	642	675	768	854	936
	45	482	523	565	604	641	677	713	813	907	992
	50	504	548	592	632	672	712	748	855	952	1,044
	55	527	572	616	660	702	742	780	891	994	1,092
	60	546	593	640	684	728	770	813	927	1,036	1,136
Flat	20	345	377	407	436	464	492	520	597	672	740
	25	387	422	457	488	520	553	583	672	753	832
	30	422	460	497	532	568	602	635	732	823	908
	35	452	492	532	570	609	646	683	786	882	976
	40	479	522	563	604	646	684	723	831	935	1,032
	45	503	548	592	636	678	719	758	873	984	1,088
	50	524	572	618	664	709	751	793	912	1,026	1,136
	55	545	593	642	690	735	779	825	948	1,068	1,180
	60	564	615	666	714	761	807	853	984	1,106	1,224
Downhill 2%	20	374	410	446	480	516	551	583	684	781	872
	25	413	452	491	530	568	604	640	747	851	952
	30	444	487	530	570	611	651	690	804	914	1,020
	35	473	518	563	606	650	691	733	852	970	1,080
	40	498	547	592	638	683	728	770	897	1,019	1,132
	45	522	572	620	668	715	761	805	936	1,061	1,184
	50	543	595	645	694	743	791	838	972	1,103	1,228
	55	563	617	669	720	769	819	868	1,008	1,141	1,272
	60	582	637	691	744	795	845	895	1,038	1,176	1,312

Minimum operating pressure = 7 psi

GritX™ PC 18 mm Dripline - 1.06 gph

Max. Lateral Length (feet)
GritX™ PC - 18 mm - 1.06 gph

Imperial

		Emitter Spacing (inches)									
	Inlet Pressure (psi)	18	20	22	24	26	28	30	36	42	48
Uphill 2%	20	294	318	341	362	384	404	425	480	529	572
	25	335	362	389	414	440	464	488	552	613	668
	30	368	398	429	458	485	513	538	612	679	744
	35	396	430	462	494	524	555	583	663	739	808
	40	422	458	493	526	559	593	623	711	791	864
	45	444	483	521	556	592	625	658	750	837	916
	50	465	505	545	584	620	656	690	789	882	964
	55	485	527	568	608	646	684	720	825	921	1,008
	60	503	547	589	630	672	709	748	855	956	1,052
Flat	20	317	345	374	400	427	453	478	549	616	680
	25	356	387	418	448	479	506	535	615	693	764
	30	387	422	457	490	522	553	583	672	756	836
	35	414	452	488	524	559	593	625	720	809	896
	40	438	478	517	556	592	628	663	765	858	948
	45	461	503	543	584	622	660	698	804	903	1,000
	50	482	525	568	610	650	688	728	840	945	1,044
	55	500	545	590	634	676	716	758	873	980	1,084
	60	518	565	611	656	700	742	783	903	1,015	1,124
Downhill 2%	20	341	373	405	438	470	502	530	621	707	792
	25	377	413	447	482	518	551	585	681	774	868
	30	407	445	484	520	557	593	630	732	833	928
	35	432	473	515	554	594	630	668	777	882	984
	40	456	500	543	584	624	665	705	819	928	1,036
	45	477	523	567	610	652	695	735	855	970	1,080
	50	497	545	590	636	680	723	765	888	1,008	1,120
	55	516	563	612	658	704	749	793	921	1,043	1,160
	60	533	583	633	680	728	772	820	951	1,078	1,196

Minimum operating pressure = 7 psi

GritX™ PC 20 mm Dripline - 0.31 gph

Max. Lateral Length (feet)
GritX™ PC - 20 mm - 0.31 gph

Imperial

		Emitter Spacing (inches)									
	Inlet Pressure (psi)	18	20	22	24	26	28	30	36	42	48
Uphill 2%	20	734	778	818	856	891	922	950	1,026	1,089	1,140
	25	864	920	972	1,020	1,066	1,108	1,148	1,251	1,341	1,416
	30	969	1,035	1,098	1,156	1,209	1,260	1,310	1,440	1,551	1,644
	35	1,061	1,135	1,205	1,270	1,333	1,391	1,448	1,599	1,729	1,844
	40	1,140	1,222	1,300	1,372	1,441	1,507	1,570	1,740	1,890	2,020
	45	1,212	1,302	1,384	1,464	1,541	1,610	1,680	1,866	2,034	2,180
	50	1,278	1,373	1,463	1,548	1,629	1,706	1,780	1,983	2,163	2,324
	55	1,338	1,438	1,535	1,624	1,712	1,792	1,873	2,088	2,282	2,460
	60	1,395	1,500	1,601	1,696	1,788	1,874	1,958	2,187	2,394	2,584
Flat	20	930	1,008	1,084	1,156	1,226	1,295	1,360	1,551	1,729	1,900
	25	1,044	1,132	1,216	1,298	1,376	1,454	1,528	1,743	1,943	2,136
	30	1,139	1,233	1,326	1,416	1,502	1,587	1,668	1,902	2,121	2,332
	35	1,220	1,323	1,421	1,518	1,610	1,701	1,790	2,040	2,279	2,500
	40	1,293	1,402	1,507	1,608	1,707	1,804	1,898	2,163	2,415	2,652
	45	1,359	1,473	1,584	1,692	1,794	1,897	1,995	2,277	2,541	2,792
	50	1,419	1,538	1,656	1,766	1,876	1,981	2,085	2,379	2,657	2,916
	55	1,476	1,600	1,720	1,838	1,950	2,060	2,168	2,475	2,762	3,036
	60	1,527	1,657	1,782	1,902	2,019	2,135	2,245	2,562	2,863	3,144
Downhill 2%	20	1,136	1,248	1,362	1,474	1,584	1,694	1,803	2,127	2,447	2,764
	25	1,230	1,350	1,469	1,586	1,703	1,818	1,933	2,268	2,601	2,924
	30	1,311	1,438	1,562	1,684	1,805	1,925	2,045	2,394	2,734	3,072
	35	1,383	1,515	1,645	1,772	1,898	2,021	2,145	2,505	2,856	3,200
	40	1,449	1,585	1,720	1,852	1,980	2,109	2,235	2,607	2,968	3,324
	45	1,508	1,648	1,788	1,924	2,058	2,189	2,320	2,703	3,073	3,432
	50	1,563	1,708	1,852	1,992	2,130	2,266	2,398	2,790	3,168	3,540
	55	1,614	1,763	1,910	2,054	2,195	2,336	2,473	2,871	3,259	3,636
	60	1,662	1,817	1,967	2,114	2,258	2,401	2,540	2,949	3,346	3,728

Minimum operating pressure = 7 psi

GritX™ PC 20 mm Dripline - 0.42 gph

Max. Lateral Length (feet)
GritX™ PC - 20 mm - 0.42 gph

Imperial

		Emitter Spacing (inches)									
	Inlet Pressure (psi)	18	20	22	24	26	28	30	36	42	48
Uphill 2%	20	630	672	710	744	778	807	835	912	977	1,028
	25	735	785	832	878	919	959	995	1,095	1,183	1,256
	30	821	878	933	986	1,036	1,083	1,125	1,248	1,351	1,444
	35	894	958	1,021	1,080	1,135	1,188	1,238	1,377	1,498	1,608
	40	959	1,030	1,098	1,162	1,222	1,281	1,338	1,491	1,628	1,748
	45	1,017	1,093	1,166	1,236	1,302	1,365	1,425	1,593	1,743	1,880
	50	1,070	1,152	1,228	1,304	1,374	1,442	1,508	1,686	1,848	1,996
	55	1,119	1,205	1,287	1,366	1,441	1,512	1,580	1,773	1,946	2,104
	60	1,164	1,255	1,342	1,424	1,502	1,577	1,650	1,854	2,037	2,204
Flat	20	764	828	889	950	1,008	1,064	1,118	1,275	1,421	1,564
	25	857	930	999	1,066	1,131	1,195	1,258	1,434	1,600	1,756
	30	935	1,013	1,089	1,162	1,235	1,304	1,370	1,563	1,747	1,916
	35	1,002	1,087	1,168	1,246	1,324	1,398	1,470	1,677	1,873	2,056
	40	1,062	1,152	1,238	1,322	1,404	1,482	1,560	1,779	1,988	2,184
	45	1,116	1,210	1,302	1,390	1,476	1,559	1,640	1,872	2,090	2,296
	50	1,166	1,263	1,360	1,452	1,541	1,629	1,713	1,956	2,184	2,400
	55	1,212	1,315	1,414	1,510	1,603	1,694	1,783	2,034	2,272	2,496
	60	1,254	1,362	1,463	1,564	1,660	1,755	1,845	2,109	2,356	2,588
Downhill 2%	20	903	992	1,078	1,164	1,250	1,335	1,418	1,665	1,911	2,148
	25	983	1,077	1,170	1,262	1,352	1,442	1,530	1,788	2,044	2,292
	30	1,052	1,152	1,249	1,344	1,439	1,533	1,625	1,896	2,160	2,420
	35	1,112	1,217	1,318	1,418	1,517	1,615	1,710	1,992	2,265	2,532
	40	1,167	1,275	1,381	1,486	1,588	1,689	1,788	2,079	2,363	2,636
	45	1,217	1,328	1,439	1,546	1,653	1,757	1,860	2,160	2,450	2,732
	50	1,262	1,378	1,492	1,604	1,712	1,820	1,925	2,235	2,531	2,820
	55	1,305	1,425	1,542	1,656	1,768	1,878	1,988	2,304	2,608	2,904
	60	1,346	1,468	1,588	1,706	1,820	1,934	2,045	2,370	2,681	2,984

Minimum operating pressure = 7 psi

GritX™ PC 20 mm Dripline - 0.53 gph

Max. Lateral Length (feet)
GritX™ PC - 20 mm - 0.53 gph

Imperial

		Emitter Spacing (inches)									
	Inlet Pressure (psi)	18	20	22	24	26	28	30	36	42	48
Uphill 2%	20	558	595	631	664	696	723	750	825	889	940
	25	647	692	735	776	815	852	888	981	1,064	1,136
	30	719	772	821	868	914	957	998	1,110	1,208	1,296
	35	782	840	895	948	999	1,048	1,093	1,218	1,334	1,436
	40	837	900	961	1,018	1,073	1,127	1,178	1,317	1,442	1,556
	45	887	955	1,019	1,082	1,140	1,197	1,253	1,404	1,540	1,664
	50	932	1,003	1,073	1,138	1,203	1,262	1,320	1,482	1,631	1,764
	55	974	1,050	1,122	1,192	1,259	1,323	1,385	1,557	1,712	1,856
	60	1,013	1,092	1,168	1,242	1,311	1,379	1,443	1,626	1,789	1,944
Flat	20	657	712	766	816	867	915	963	1,098	1,225	1,344
	25	737	798	860	918	973	1,029	1,080	1,233	1,376	1,512
	30	804	872	937	1,000	1,062	1,122	1,180	1,347	1,502	1,652
	35	861	935	1,005	1,072	1,140	1,204	1,265	1,446	1,614	1,772
	40	914	990	1,065	1,138	1,207	1,276	1,343	1,533	1,712	1,880
	45	960	1,040	1,120	1,196	1,270	1,342	1,410	1,611	1,799	1,976
	50	1,002	1,087	1,170	1,248	1,326	1,402	1,475	1,683	1,880	2,068
	55	1,041	1,130	1,216	1,298	1,378	1,456	1,533	1,752	1,957	2,148
	60	1,079	1,170	1,260	1,346	1,428	1,510	1,588	1,815	2,027	2,228
Downhill 2%	20	759	833	906	976	1,047	1,115	1,185	1,389	1,586	1,780
	25	830	908	986	1,062	1,138	1,211	1,283	1,497	1,708	1,912
	30	890	973	1,054	1,136	1,213	1,293	1,368	1,593	1,810	2,024
	35	944	1,030	1,117	1,200	1,283	1,363	1,443	1,677	1,904	2,124
	40	990	1,082	1,172	1,258	1,343	1,428	1,513	1,755	1,988	2,216
	45	1,034	1,128	1,221	1,312	1,400	1,489	1,573	1,824	2,065	2,300
	50	1,074	1,172	1,267	1,360	1,452	1,542	1,633	1,890	2,139	2,376
	55	1,112	1,212	1,311	1,408	1,502	1,594	1,685	1,950	2,205	2,452
	60	1,146	1,250	1,351	1,450	1,547	1,643	1,735	2,007	2,268	2,520

Minimum operating pressure = 7 psi

GritX™ PC 20 mm Dripline - 0.61 gph

Max. Lateral Length (feet)
GritX™ PC - 20 mm - 0.61 gph

Imperial

		Emitter Spacing (inches)									
	Inlet Pressure (psi)	18	20	22	24	26	28	30	36	42	48
Uphill 2%	20	516	552	587	618	648	674	703	774	837	888
	25	597	640	682	720	756	791	825	915	994	1,064
	30	663	712	759	804	845	887	925	1,032	1,127	1,212
	35	720	775	827	876	923	968	1,010	1,131	1,239	1,336
	40	770	828	886	938	990	1,041	1,088	1,218	1,337	1,448
	45	815	878	939	996	1,051	1,104	1,155	1,299	1,428	1,544
	50	855	923	986	1,048	1,107	1,164	1,218	1,371	1,509	1,636
	55	894	965	1,032	1,096	1,159	1,218	1,275	1,437	1,582	1,720
	60	929	1,003	1,074	1,142	1,207	1,269	1,330	1,500	1,652	1,796
Flat	20	600	650	699	746	791	835	880	1,002	1,120	1,228
	25	674	730	785	838	888	938	988	1,128	1,257	1,380
	30	734	795	856	914	971	1,024	1,078	1,230	1,372	1,508
	35	786	853	917	980	1,040	1,099	1,155	1,320	1,474	1,620
	40	833	903	972	1,038	1,103	1,164	1,225	1,398	1,561	1,716
	45	876	950	1,021	1,092	1,159	1,225	1,288	1,470	1,642	1,804
	50	915	992	1,067	1,140	1,211	1,279	1,348	1,539	1,719	1,888
	55	951	1,032	1,109	1,186	1,259	1,330	1,400	1,599	1,785	1,964
	60	984	1,068	1,150	1,228	1,304	1,379	1,450	1,656	1,852	2,036
Downhill 2%	20	686	750	816	878	940	1,003	1,065	1,245	1,421	1,592
	25	750	820	889	958	1,025	1,092	1,155	1,347	1,533	1,716
	30	806	880	953	1,026	1,096	1,167	1,235	1,434	1,631	1,820
	35	854	933	1,010	1,086	1,159	1,232	1,305	1,512	1,715	1,912
	40	897	980	1,060	1,140	1,216	1,293	1,368	1,584	1,796	1,996
	45	938	1,023	1,107	1,188	1,268	1,346	1,425	1,650	1,866	2,076
	50	975	1,063	1,150	1,234	1,317	1,398	1,478	1,710	1,932	2,148
	55	1,008	1,100	1,190	1,276	1,361	1,444	1,528	1,764	1,995	2,216
	60	1,041	1,135	1,227	1,316	1,404	1,489	1,573	1,818	2,055	2,280

Minimum operating pressure = 7 psi

GritX™ PC 20 mm Dripline - 0.93 gph

Max. Lateral Length (feet)
GritX™ PC - 20 mm - 0.93 gph

Imperial

		Emitter Spacing (inches)									
	Inlet Pressure (psi)	18	20	22	24	26	28	30	36	42	48
Uphill 2%	20	408	438	466	492	518	541	565	627	686	736
	25	468	503	537	568	600	628	658	735	805	868
	30	518	557	594	632	665	700	733	822	900	976
	35	560	603	645	684	724	761	795	894	984	1,068
	40	597	643	689	732	774	814	853	960	1,061	1,148
	45	630	680	730	776	819	863	903	1,020	1,127	1,224
	50	662	715	766	814	862	908	950	1,074	1,187	1,292
	55	690	745	799	850	899	947	993	1,125	1,243	1,352
	60	717	775	831	884	936	985	1,035	1,170	1,295	1,412
Flat	20	456	495	532	568	602	637	670	765	854	936
	25	512	555	596	638	676	714	753	858	959	1,052
	30	558	605	651	696	739	779	820	936	1,047	1,148
	35	599	648	699	746	791	835	880	1,005	1,124	1,232
	40	633	687	739	790	839	887	933	1,065	1,190	1,308
	45	666	723	777	830	882	933	980	1,122	1,253	1,376
	50	696	755	812	868	921	975	1,025	1,173	1,309	1,440
	55	723	785	845	902	958	1,013	1,065	1,218	1,362	1,496
	60	749	813	875	934	992	1,050	1,105	1,263	1,411	1,552
Downhill 2%	20	506	553	600	644	689	733	778	903	1,029	1,148
	25	557	608	658	708	756	803	850	987	1,117	1,248
	30	600	655	708	760	813	861	913	1,056	1,194	1,332
	35	638	695	752	806	860	915	965	1,119	1,264	1,404
	40	671	732	790	848	906	961	1,015	1,173	1,327	1,472
	45	702	765	827	886	945	1,003	1,060	1,224	1,383	1,532
	50	731	795	860	922	984	1,043	1,100	1,272	1,435	1,588
	55	756	823	891	954	1,018	1,080	1,140	1,314	1,481	1,644
	60	782	852	919	986	1,051	1,113	1,175	1,356	1,530	1,692

Minimum operating pressure = 7 psi

GritX™ PC 20 mm Dripline - 1.06 gph

Max. Lateral Length (feet)
GritX™ PC - 20 mm - 1.06 gph

Imperial

		Emitter Spacing (inches)									
	Inlet Pressure (psi)	18	20	22	24	26	28	30	36	42	48
Uphill 2%	20	378	407	433	458	481	504	528	588	641	688
	25	432	467	497	528	557	583	610	684	749	808
	30	477	515	550	584	618	649	678	762	840	908
	35	516	557	596	634	670	705	738	831	917	992
	40	551	595	636	678	715	754	790	891	984	1,068
	45	582	628	673	716	758	798	835	945	1,043	1,136
	50	611	660	706	752	795	838	880	993	1,099	1,196
	55	636	688	737	786	832	875	918	1,041	1,152	1,256
	60	660	715	766	816	865	910	955	1,083	1,201	1,308
Flat	20	419	455	488	522	553	586	615	702	784	860
	25	470	510	548	586	622	656	690	789	882	968
	30	513	557	598	638	678	716	755	861	963	1,056
	35	549	597	642	684	728	768	808	924	1,033	1,132
	40	582	632	680	726	771	814	858	981	1,096	1,204
	45	612	663	715	764	810	856	903	1,029	1,152	1,264
	50	639	693	746	798	847	896	943	1,077	1,204	1,324
	55	665	720	776	828	880	931	980	1,119	1,253	1,376
	60	687	747	803	858	912	964	1,015	1,161	1,295	1,424
Downhill 2%	20	461	503	545	586	626	667	705	822	931	1,040
	25	507	555	600	644	689	730	773	897	1,015	1,132
	30	548	597	645	694	741	786	830	963	1,089	1,208
	35	582	635	686	736	787	833	880	1,020	1,152	1,280
	40	614	668	722	776	828	877	928	1,071	1,208	1,340
	45	642	700	755	810	865	917	968	1,116	1,260	1,396
	50	668	728	787	842	899	952	1,005	1,161	1,309	1,452
	55	692	753	814	874	930	987	1,043	1,200	1,355	1,500
	60	716	778	842	902	960	1,017	1,075	1,239	1,397	1,544

Minimum operating pressure = 7 psi

GritX™ PC 16 mm Dripline - 1.2 l/h

Max. Lateral Length (meter)
GritX™ PC - 16 mm - 1.2 l/h

Metric

		Emitter Spacing (cm)									
	Inlet Pressure (bar)	30	40	50	60	70	80	90	100	110	120
Uphill 2%	1.0	81	100	117	131	143	154	163	171	179	186
	1.5	107	135	159	181	201	218	235	250	264	277
	2.0	126	158	189	215	241	263	285	305	323	341
	2.5	140	178	212	243	272	299	324	348	370	391
	3.0	152	193	231	266	298	329	357	384	409	433
	3.5	163	207	248	286	321	354	385	415	442	469
	4.0	172	219	263	304	342	377	410	443	473	502
Flat	1.0	92	118	143	166	188	209	230	249	267	286
	1.5	116	150	181	210	238	265	291	316	340	364
	2.0	134	172	208	242	274	305	335	364	392	419
	2.5	147	190	229	267	303	337	370	402	433	463
	3.0	159	204	248	288	327	365	401	435	469	500
	3.5	169	218	264	307	349	388	427	463	499	534
	4.0	178	230	278	324	368	410	450	489	527	563
Downhill 2%	1.0	103	137	170	203	235	267	300	332	363	395
	1.5	125	164	203	240	277	313	348	384	419	454
	2.0	141	185	227	268	308	347	386	424	462	499
	2.5	155	202	247	291	334	376	418	458	497	536
	3.0	166	216	264	311	356	401	445	487	529	570
	3.5	176	228	279	328	376	422	468	513	557	599
	4.0	184	240	293	344	394	442	490	536	582	626

Minimum operating pressure = 0.5 bar

GritX™ PC 16 mm Dripline - 1.6 l/h

Max. Lateral Length (meter)
GritX™ PC - 16 mm - 1.6 l/h

Metric

		Emitter Spacing (cm)									
	Inlet Pressure (bar)	30	40	50	60	70	80	90	100	110	120
Uphill 2%	1.0	68	85	99	112	123	134	143	151	158	166
	1.5	89	112	134	152	170	186	201	215	228	239
	2.0	104	132	157	181	202	222	241	259	275	290
	2.5	116	147	176	203	228	250	273	293	312	331
	3.0	125	160	192	221	249	274	299	322	344	365
	3.5	134	171	206	238	267	295	322	348	372	395
	4.0	142	181	218	252	284	314	343	370	396	421
Flat	1.0	76	97	117	136	154	171	188	204	220	234
	1.5	95	122	148	172	195	218	239	259	279	298
	2.0	109	141	170	198	225	250	275	298	321	343
	2.5	121	155	188	219	249	277	304	330	355	380
	3.0	130	168	203	236	268	299	329	357	384	410
	3.5	138	178	216	252	286	318	350	380	409	438
	4.0	146	188	228	266	302	336	369	401	432	462
Downhill 2%	1.0	83	109	135	161	186	211	236	260	285	308
	1.5	101	132	163	193	221	250	278	305	332	359
	2.0	115	150	183	216	248	279	310	339	369	398
	2.5	125	163	200	235	270	303	336	368	399	430
	3.0	135	175	214	251	288	323	358	392	425	457
	3.5	143	186	227	266	305	342	378	414	449	482
	4.0	150	195	238	279	319	358	396	433	470	505

Minimum operating pressure = 0.5 bar

GritX™ PC 16 mm Dripline - 2.0 l/h

Max. Lateral Length (meter)
GritX™ PC - 16 mm - 2.0 l/h

Metric

		Emitter Spacing (cm)									
	Inlet Pressure (bar)	30	40	50	60	70	80	90	100	110	120
Uphill 2%	1.0	59	74	88	99	110	119	128	136	143	150
	1.5	77	98	117	133	149	163	177	190	201	212
	2.0	90	114	137	157	176	194	212	227	242	256
	2.5	100	127	153	176	198	218	238	256	274	290
	3.0	108	138	166	192	216	239	261	281	300	319
	3.5	116	148	178	206	232	257	280	303	323	344
	4.0	122	156	188	218	246	273	298	322	344	367
Flat	1.0	65	83	101	117	132	147	162	175	189	202
	1.5	82	105	127	148	168	187	205	223	240	257
	2.0	94	121	146	170	193	215	236	257	276	295
	2.5	104	133	161	188	214	238	261	284	306	326
	3.0	112	144	174	203	230	257	283	307	330	353
	3.5	119	153	186	216	246	274	301	327	352	377
	4.0	125	161	196	228	259	289	318	345	372	397
Downhill 2%	1.0	70	92	114	135	156	177	197	217	237	257
	1.5	86	112	138	163	187	210	234	257	279	301
	2.0	98	127	156	183	210	236	262	287	311	336
	2.5	107	139	170	200	229	257	284	311	338	364
	3.0	115	149	183	214	245	275	304	333	361	388
	3.5	122	158	193	227	259	291	321	351	381	409
	4.0	128	166	203	238	272	305	338	368	399	428

Minimum operating pressure = 0.5 bar

GritX™ PC 16 mm Dripline - 2.3 l/h

Max. Lateral Length (meter)
GritX™ PC - 16 mm - 2.3 l/h

Metric

		Emitter Spacing (cm)									
	Inlet Pressure (bar)	30	40	50	60	70	80	90	100	110	120
Uphill 2%	1.0	55	68	81	92	102	111	119	127	134	140
	1.5	71	90	107	123	137	151	164	176	187	197
	2.0	82	105	126	145	162	179	194	209	223	236
	2.5	91	116	140	161	182	201	219	236	252	268
	3.0	99	126	152	176	198	219	239	259	277	294
	3.5	106	135	163	188	213	235	257	278	298	317
	4.0	112	143	172	200	225	250	274	296	317	337
Flat	1.0	59	76	92	107	121	134	148	160	173	184
	1.5	74	96	116	135	153	170	187	203	219	234
	2.0	86	110	133	155	176	196	215	234	252	270
	2.5	94	121	147	172	195	217	239	259	278	298
	3.0	102	131	159	185	210	234	257	280	301	323
	3.5	108	140	169	197	224	250	275	298	321	343
	4.0	114	147	179	208	237	263	290	315	339	362
Downhill 2%	1.0	64	83	103	122	140	158	176	195	212	230
	1.5	78	102	125	147	169	190	212	232	252	271
	2.0	89	116	141	166	190	214	237	259	282	304
	2.5	97	126	155	181	207	233	257	282	306	329
	3.0	104	136	166	194	223	250	275	301	327	352
	3.5	111	144	176	206	235	264	292	319	345	371
	4.0	116	151	185	217	247	277	306	334	362	389

Minimum operating pressure = 0.5 bar

GritX™ PC 16 mm Dripline - 3.5 l/h

Max. Lateral Length (meter)
GritX™ PC - 16 mm - 3.5 l/h

Metric

		Emitter Spacing (cm)									
	Inlet Pressure (bar)	30	40	50	60	70	80	90	100	110	120
Uphill 2%	1.0	42	53	63	72	81	88	95	102	108	114
	1.5	54	69	83	95	107	118	129	138	147	156
	2.0	63	80	97	112	125	139	151	163	175	186
	2.5	70	89	108	124	140	155	170	183	197	209
	3.0	75	97	117	135	153	170	185	200	215	229
	3.5	80	103	125	145	163	182	199	215	231	246
	4.0	85	109	132	153	173	192	211	228	245	260
Flat	1.0	45	58	70	81	92	102	112	122	131	139
	1.5	56	72	88	103	116	130	142	154	166	178
	2.0	65	83	101	118	134	149	164	178	191	205
	2.5	71	92	112	130	148	165	181	197	212	227
	3.0	77	99	121	140	160	178	195	213	229	245
	3.5	82	106	128	149	170	190	209	227	244	262
	4.0	86	112	135	158	179	200	220	239	257	276
Downhill 2%	1.0	47	62	76	89	103	116	129	142	154	167
	1.5	59	76	93	109	125	141	156	171	185	199
	2.0	67	86	106	124	142	159	176	192	208	224
	2.5	73	95	116	136	155	174	193	210	228	245
	3.0	79	102	125	146	167	186	206	225	243	262
	3.5	83	108	132	155	176	198	219	238	259	277
	4.0	88	114	139	163	186	208	230	250	271	290

Minimum operating pressure = 0.5 bar

GritX™ PC 16 mm Dripline - 4.0 l/h

Max. Lateral Length (meter)
GritX™ PC - 16 mm - 4.0 l/h

Metric

		Emitter Spacing (cm)									
	Inlet Pressure (bar)	30	40	50	60	70	80	90	100	110	120
Uphill 2%	1.0	39	49	59	67	75	82	89	95	101	107
	1.5	50	64	77	88	99	110	119	128	136	145
	2.0	58	74	89	103	116	128	140	151	162	172
	2.5	64	82	99	115	130	143	157	169	182	193
	3.0	69	89	107	124	141	156	171	185	198	211
	3.5	74	95	115	133	151	167	183	198	212	227
	4.0	78	100	121	141	160	177	194	210	226	241
Flat	1.0	41	53	64	74	84	94	103	112	120	128
	1.5	52	66	81	94	106	118	131	142	153	163
	2.0	59	76	93	108	123	137	150	163	176	188
	2.5	65	84	103	119	136	151	167	181	195	208
	3.0	71	91	111	129	146	163	180	195	210	226
	3.5	75	97	118	137	156	174	192	208	224	240
	4.0	79	102	124	145	165	184	202	220	237	253
Downhill 2%	1.0	43	56	69	82	94	106	117	128	140	151
	1.5	53	70	85	100	114	129	142	156	168	181
	2.0	61	79	97	113	130	146	160	176	190	204
	2.5	67	87	106	124	142	159	176	192	208	223
	3.0	72	93	114	133	153	170	188	206	222	239
	3.5	77	99	121	142	162	181	200	218	235	253
	4.0	80	104	127	149	170	190	210	229	248	266

Minimum operating pressure = 0.5 bar

GritX™ PC 18 mm Dripline - 1.2 l/h

Max. Lateral Length (meter)
GritX™ PC - 18 mm - 1.2 l/h

Metric

		Emitter Spacing (cm)									
	Inlet Pressure (bar)	30	40	50	60	70	80	90	100	110	120
Uphill 2%	1.0	105	127	145	160	172	182	191	199	205	211
	1.5	142	175	204	229	251	270	288	304	318	331
	2.0	167	208	245	277	305	332	356	378	398	416
	2.5	187	234	277	314	349	380	409	436	461	484
	3.0	204	256	303	346	384	420	454	485	514	540
	3.5	219	275	327	373	416	455	492	527	559	589
	4.0	232	292	347	397	444	486	527	564	600	634
Flat	1.0	125	160	192	221	250	277	302	327	351	373
	1.5	158	202	243	281	317	351	384	416	447	475
	2.0	182	232	279	323	365	405	443	479	515	548
	2.5	201	256	308	357	403	447	490	530	569	607
	3.0	217	277	333	386	436	483	529	573	616	656
	3.5	231	295	355	411	465	515	564	611	657	701
	4.0	243	311	374	434	490	544	596	645	693	739
Downhill 2%	1.0	146	193	240	287	333	378	425	470	516	562
	1.5	175	230	283	334	385	435	485	534	583	631
	2.0	197	256	314	370	426	479	533	585	637	688
	2.5	214	278	341	401	459	516	572	627	682	736
	3.0	230	298	363	427	488	548	607	665	722	776
	3.5	243	314	384	449	514	577	638	698	757	815
	4.0	255	330	402	470	538	602	666	728	789	848

Minimum operating pressure = 0.5 bar

GritX™ PC 18 mm Dripline - 1.6 l/h

Max. Lateral Length (meter)
GritX™ PC - 18 mm - 1.6 l/h

Metric

		Emitter Spacing (cm)									
	Inlet Pressure (bar)	30	40	50	60	70	80	90	100	110	120
Uphill 2%	1.0	89	109	125	139	151	162	171	179	186	192
	1.5	119	148	173	195	215	234	250	265	278	292
	2.0	139	174	206	233	259	282	304	324	343	360
	2.5	155	195	231	264	294	322	347	371	394	415
	3.0	169	213	253	289	323	354	383	411	437	461
	3.5	181	228	272	311	349	382	415	445	473	500
	4.0	192	242	289	331	371	408	443	475	506	535
Flat	1.0	103	131	157	182	205	227	248	269	288	307
	1.5	130	166	199	230	260	288	315	341	366	391
	2.0	149	190	229	265	300	332	364	394	422	451
	2.5	164	210	253	293	331	367	402	435	468	499
	3.0	178	227	273	317	358	397	435	471	506	540
	3.5	189	242	291	337	382	423	464	502	539	576
	4.0	199	255	307	356	403	446	490	530	570	607
Downhill 2%	1.0	117	154	190	226	261	296	331	366	400	434
	1.5	141	184	226	266	306	346	383	422	460	497
	2.0	159	207	253	297	340	382	424	465	505	545
	2.5	174	225	275	322	369	414	458	501	543	586
	3.0	186	241	294	344	393	441	487	533	578	620
	3.5	197	255	310	363	414	465	513	561	607	653
	4.0	207	268	325	380	434	486	536	586	635	682

Minimum operating pressure = 0.5 bar

GritX™ PC 18 mm Dripline - 2.0 l/h

Max. Lateral Length (meter)
GritX™ PC - 18 mm - 2.0 l/h

Metric

		Emitter Spacing (cm)									
	Inlet Pressure (bar)	30	40	50	60	70	80	90	100	110	120
Uphill 2%	1.0	78	96	112	125	136	146	156	163	171	178
	1.5	103	129	152	172	190	207	222	236	250	262
	2.0	121	152	180	205	228	249	269	287	305	320
	2.5	134	170	201	230	257	282	305	327	348	367
	3.0	146	185	220	252	282	310	336	360	384	406
	3.5	156	198	236	271	303	334	363	389	415	439
	4.0	165	210	250	287	323	355	386	415	443	469
Flat	1.0	88	112	135	156	176	195	213	231	248	264
	1.5	112	142	171	198	223	248	271	294	316	336
	2.0	128	164	197	228	258	286	312	338	363	388
	2.5	141	180	217	251	284	316	346	374	403	430
	3.0	152	195	235	272	307	342	374	405	436	464
	3.5	162	208	250	290	328	364	399	432	464	496
	4.0	171	219	264	306	346	384	420	456	490	523
Downhill 2%	1.0	98	129	159	188	218	246	275	303	331	359
	1.5	120	156	191	224	258	290	322	353	384	414
	2.0	135	176	214	251	288	323	357	391	425	457
	2.5	148	192	233	274	312	350	387	423	459	493
	3.0	159	205	250	292	333	374	412	451	487	524
	3.5	168	217	264	309	352	394	436	475	514	552
	4.0	177	228	277	324	370	414	455	497	538	577

Minimum operating pressure = 0.5 bar

GritX™ PC 18 mm Dripline - 2.3 l/h

Max. Lateral Length (meter)
GritX™ PC - 18 mm - 2.3 l/h

Metric

		Emitter Spacing (cm)									
	Inlet Pressure (bar)	30	40	50	60	70	80	90	100	110	120
Uphill 2%	1.0	72	89	104	116	127	137	146	154	162	168
	1.5	95	118	140	159	176	192	207	220	233	245
	2.0	111	139	165	188	210	230	248	266	283	298
	2.5	123	156	185	212	237	260	282	302	321	340
	3.0	134	169	202	232	259	285	310	332	354	374
	3.5	143	181	216	248	279	307	334	359	383	406
	4.0	151	192	230	264	296	326	356	382	408	433
Flat	1.0	80	102	123	142	161	178	194	211	227	241
	1.5	102	130	156	181	204	226	248	268	288	307
	2.0	117	149	180	208	235	261	285	309	332	354
	2.5	129	164	198	230	260	288	316	342	367	391
	3.0	139	178	214	248	281	311	341	370	397	424
	3.5	148	189	228	265	299	332	364	394	424	452
	4.0	156	200	241	279	316	350	384	416	448	478
Downhill 2%	1.0	89	116	144	170	195	221	246	271	296	320
	1.5	109	141	173	203	232	262	290	318	345	372
	2.0	123	159	194	227	260	292	323	353	383	412
	2.5	134	174	212	248	283	317	350	382	414	445
	3.0	144	186	227	265	302	338	374	408	441	474
	3.5	153	197	240	280	320	358	394	430	465	499
	4.0	161	207	252	294	335	375	413	451	487	523

Minimum operating pressure = 0.5 bar

GritX™ PC 18 mm Dripline - 3.5 l/h

Max. Lateral Length (meter)
GritX™ PC - 18 mm - 3.5 l/h

Metric

		Emitter Spacing (cm)									
	Inlet Pressure (bar)	30	40	50	60	70	80	90	100	110	120
Uphill 2%	1.0	56	70	82	93	102	111	120	127	133	140
	1.5	73	92	109	125	139	152	165	176	187	197
	2.0	85	107	128	146	164	180	195	210	223	236
	2.5	95	120	143	164	184	202	221	237	253	268
	3.0	102	130	156	179	201	222	241	260	277	294
	3.5	109	139	167	191	216	238	259	279	298	317
	4.0	116	147	176	203	229	253	275	297	318	337
Flat	1.0	61	78	94	108	122	135	149	160	172	184
	1.5	77	98	119	137	155	172	188	204	219	234
	2.0	89	113	136	158	179	198	217	235	253	269
	2.5	98	125	151	175	197	219	240	260	279	298
	3.0	105	135	163	188	214	237	259	281	303	323
	3.5	112	144	173	201	228	253	276	300	322	344
	4.0	118	152	183	212	240	266	293	317	340	364
Downhill 2%	1.0	66	86	105	124	142	160	178	195	212	229
	1.5	81	105	128	150	172	192	212	233	252	271
	2.0	92	119	145	169	193	216	239	261	282	304
	2.5	101	130	158	185	211	235	260	283	307	329
	3.0	108	140	170	198	225	252	278	303	328	352
	3.5	115	148	180	210	239	267	294	321	347	372
	4.0	121	156	189	221	251	281	309	337	363	390

Minimum operating pressure = 0.5 bar

GritX™ PC 18 mm Dripline - 4.0 l/h

Max. Lateral Length (meter)
GritX™ PC - 18 mm - 4.0 l/h

Metric

		Emitter Spacing (cm)									
	Inlet Pressure (bar)	30	40	50	60	70	80	90	100	110	120
Uphill 2%	1.0	52	65	76	86	95	104	112	119	125	132
	1.5	67	85	101	115	129	141	153	164	174	184
	2.0	78	99	118	136	152	167	181	195	208	220
	2.5	87	110	132	151	170	187	203	219	234	248
	3.0	94	120	143	165	186	205	223	240	256	272
	3.5	101	128	153	176	199	220	239	258	276	293
	4.0	106	135	162	187	211	233	254	274	294	312
Flat	1.0	56	71	86	99	112	124	136	147	158	168
	1.5	71	90	109	126	142	158	173	187	201	215
	2.0	81	104	125	145	164	182	199	216	232	247
	2.5	89	114	138	160	181	201	221	239	256	274
	3.0	97	124	149	173	196	218	239	258	277	296
	3.5	103	132	159	184	209	232	254	275	296	316
	4.0	108	139	168	194	221	245	268	291	312	334
Downhill 2%	1.0	60	78	96	112	129	146	161	177	193	208
	1.5	74	96	117	137	156	175	194	212	229	246
	2.0	84	109	132	154	176	197	218	237	257	276
	2.5	92	119	145	169	193	215	238	259	279	300
	3.0	99	128	155	181	207	230	254	277	299	320
	3.5	105	136	165	192	218	244	269	293	317	340
	4.0	111	143	173	202	230	257	283	308	332	356

Minimum operating pressure = 0.5 bar

GritX™ PC 20 mm Dripline - 1.2 l/h

Max. Lateral Length (meter)
GritX™ PC - 20 mm - 1.2 l/h

Metric

		Emitter Spacing (cm)									
	Inlet Pressure (bar)	30	40	50	60	70	80	90	100	110	120
Uphill 2%	1.0	132	154	172	185	197	206	212	219	224	228
	1.5	183	220	251	277	300	319	337	351	364	377
	2.0	218	266	306	341	372	400	425	447	466	485
	2.5	246	301	350	392	429	463	494	522	548	572
	3.0	269	331	386	434	477	517	553	586	617	646
	3.5	290	357	417	470	519	563	604	641	677	709
	4.0	308	380	445	503	556	604	649	691	729	766
Flat	1.0	168	211	250	286	321	353	384	414	442	470
	1.5	213	268	318	364	408	450	489	527	563	599
	2.0	245	308	366	419	470	518	564	608	650	691
	2.5	271	340	405	464	521	574	625	673	721	766
	3.0	293	368	438	502	563	621	676	729	780	829
	3.5	311	392	467	535	601	662	721	778	833	884
	4.0	329	414	492	565	634	699	762	822	879	935
Downhill 2%	1.0	206	270	334	397	459	521	582	644	705	766
	1.5	244	316	387	455	523	589	654	720	784	848
	2.0	272	351	427	501	573	643	712	781	848	914
	2.5	296	380	461	539	615	689	761	833	903	972
	3.0	316	405	491	572	652	729	805	878	952	1,022
	3.5	334	427	517	602	685	765	843	920	994	1,069
	4.0	350	448	540	629	715	798	878	957	1,035	1,111

Minimum operating pressure = 0.5 bar

GritX™ PC 20 mm Dripline - 1.6 l/h

Max. Lateral Length (meter)
GritX™ PC - 20 mm - 1.6 l/h

Metric

		Emitter Spacing (cm)									
	Inlet Pressure (bar)	30	40	50	60	70	80	90	100	110	120
Uphill 2%	1.0	113	134	152	166	177	186	195	202	208	214
	1.5	155	188	216	240	261	280	297	312	326	337
	2.0	183	224	260	292	320	345	368	389	409	426
	2.5	206	253	295	332	366	397	425	451	475	497
	3.0	224	277	324	366	405	440	472	502	530	557
	3.5	241	298	350	396	438	477	513	547	579	608
	4.0	256	317	373	422	468	510	550	587	622	654
Flat	1.0	138	173	205	235	263	290	316	340	364	386
	1.5	175	220	261	299	335	370	402	433	463	493
	2.0	201	253	301	345	386	426	464	500	535	569
	2.5	222	280	332	382	428	472	514	554	593	630
	3.0	240	302	359	413	463	510	556	600	641	682
	3.5	256	322	383	440	494	545	593	640	684	728
	4.0	269	340	405	464	522	575	626	676	723	769
Downhill 2%	1.0	163	213	262	310	358	405	451	497	543	589
	1.5	195	252	308	361	413	464	515	564	614	662
	2.0	219	282	342	400	456	510	564	617	669	720
	2.5	239	306	371	432	491	550	606	662	716	769
	3.0	256	327	395	460	522	583	643	701	758	814
	3.5	270	346	417	485	550	614	675	736	794	852
	4.0	284	362	437	508	575	641	705	767	828	888

Minimum operating pressure = 0.5 bar

GritX™ PC 20 mm Dripline - 2.0 l/h

Max. Lateral Length (meter)
GritX™ PC - 20 mm - 2.0 l/h

Metric

		Emitter Spacing (cm)									
	Inlet Pressure (bar)	30	40	50	60	70	80	90	100	110	120
Uphill 2%	1.0	100	120	137	150	162	171	180	187	194	199
	1.5	135	165	191	213	233	251	267	282	295	307
	2.0	159	196	229	257	283	306	328	348	366	383
	2.5	179	221	258	292	322	350	376	400	422	443
	3.0	195	241	283	320	355	386	416	443	470	493
	3.5	209	259	305	346	384	418	451	481	510	538
	4.0	221	276	324	368	409	447	482	515	547	576
Flat	1.0	119	149	177	202	227	250	272	293	314	332
	1.5	150	189	225	257	288	318	347	373	399	425
	2.0	173	217	259	296	333	366	400	431	461	490
	2.5	191	240	286	328	368	406	442	477	510	542
	3.0	206	260	309	355	398	439	479	516	552	587
	3.5	220	277	330	379	425	469	510	551	590	626
	4.0	232	292	348	400	449	495	539	582	623	662
Downhill 2%	1.0	137	178	219	258	297	334	373	410	447	484
	1.5	165	213	259	303	346	388	429	470	510	550
	2.0	186	239	289	337	384	430	473	517	560	602
	2.5	203	260	314	365	415	463	510	557	602	646
	3.0	218	278	336	390	442	494	543	591	638	684
	3.5	230	294	355	412	467	520	572	622	671	719
	4.0	242	309	372	431	489	544	598	650	701	750

Minimum operating pressure = 0.5 bar

GritX™ PC 20 mm Dripline - 2.3 l/h

Max. Lateral Length (meter)
GritX™ PC - 20 mm - 2.3 l/h

Metric

		Emitter Spacing (cm)									
	Inlet Pressure (bar)	30	40	50	60	70	80	90	100	110	120
Uphill 2%	1.0	93	112	128	141	152	162	171	178	185	191
	1.5	125	152	177	198	217	234	250	264	277	289
	2.0	146	181	211	238	262	284	305	324	341	358
	2.5	164	203	238	269	298	324	348	371	393	413
	3.0	179	222	261	295	328	357	385	411	435	458
	3.5	191	238	280	319	354	386	417	445	472	498
	4.0	203	253	298	339	377	412	445	476	505	533
Flat	1.0	108	136	161	185	207	228	248	267	286	304
	1.5	137	172	205	235	263	290	316	341	364	388
	2.0	158	198	236	271	304	335	365	393	421	448
	2.5	174	219	261	299	336	370	404	436	466	496
	3.0	188	237	282	324	363	402	437	471	505	536
	3.5	200	252	301	346	388	428	466	503	538	572
	4.0	211	266	318	365	410	452	492	531	569	605
Downhill 2%	1.0	124	160	196	231	265	299	332	365	398	431
	1.5	150	192	234	273	312	349	386	422	458	492
	2.0	169	216	262	305	347	387	427	466	504	541
	2.5	184	236	285	331	375	418	461	502	542	582
	3.0	198	252	304	353	400	446	491	534	576	618
	3.5	209	267	322	373	423	470	517	562	606	649
	4.0	220	280	337	391	443	493	541	588	634	679

Minimum operating pressure = 0.5 bar

GritX™ PC 20 mm Dripline - 3.5 l/h

Max. Lateral Length (meter)
GritX™ PC - 20 mm - 3.5 l/h

Metric

		Emitter Spacing (cm)									
	Inlet Pressure (bar)	30	40	50	60	70	80	90	100	110	120
Uphill 2%	1.0	73	89	103	115	125	134	143	150	157	163
	1.5	97	120	140	157	174	188	202	214	227	238
	2.0	113	140	165	187	207	226	243	259	274	288
	2.5	126	157	185	210	234	255	275	294	312	329
	3.0	137	171	202	230	256	280	302	324	344	362
	3.5	147	184	217	247	275	302	326	349	372	392
	4.0	155	194	230	262	293	321	347	373	396	419
Flat	1.0	82	103	123	140	158	174	189	204	218	232
	1.5	104	131	156	179	200	221	241	260	278	295
	2.0	120	151	180	206	231	255	278	300	321	341
	2.5	132	167	199	228	256	282	308	332	355	378
	3.0	143	180	215	247	277	306	333	359	385	409
	3.5	152	192	229	263	295	326	356	383	410	437
	4.0	161	202	242	278	312	344	375	405	433	461
Downhill 2%	1.0	91	118	143	167	191	215	238	261	283	306
	1.5	111	143	173	201	228	255	281	307	332	356
	2.0	126	161	194	226	256	286	314	342	369	396
	2.5	138	176	212	246	279	310	341	370	399	428
	3.0	148	189	227	263	298	332	364	395	426	456
	3.5	157	200	241	279	316	350	384	418	450	481
	4.0	165	210	253	293	331	368	403	438	471	504

Minimum operating pressure = 0.5 bar

GritX™ PC 20 mm Dripline - 4.0 l/h

Max. Lateral Length (meter)
GritX™ PC - 20 mm - 4.0 l/h

Metric

		Emitter Spacing (cm)									
	Inlet Pressure (bar)	30	40	50	60	70	80	90	100	110	120
Uphill 2%	1.0	68	83	96	107	118	126	134	142	149	155
	1.5	89	110	129	146	161	175	188	200	211	222
	2.0	104	130	153	173	192	210	226	241	255	269
	2.5	116	145	171	194	216	236	256	273	290	306
	3.0	126	158	187	212	237	259	280	300	319	337
	3.5	135	169	200	228	254	279	302	324	344	364
	4.0	143	179	212	242	270	297	321	345	367	389
Flat	1.0	75	95	113	129	145	159	174	187	200	212
	1.5	95	120	143	164	184	203	221	239	255	271
	2.0	110	138	165	190	212	234	256	275	295	313
	2.5	121	153	182	209	235	259	283	305	327	347
	3.0	131	165	197	227	254	281	306	330	353	376
	3.5	140	176	210	242	272	299	327	352	377	401
	4.0	147	186	222	255	286	316	345	372	398	424
Downhill 2%	1.0	83	107	130	152	174	194	215	235	255	275
	1.5	102	130	157	183	208	232	256	278	301	323
	2.0	115	147	177	206	233	260	285	311	336	360
	2.5	126	161	194	224	254	283	311	33 8	364	390
	3.0	136	173	208	241	272	302	332	361	388	415
	3.5	144	183	220	255	288	320	351	381	410	439
	4.0	152	193	232	268	303	336	369	400	430	460

Minimum operating pressure = 0.5 bar