

The BFS Standard Dribble Bar Application Chart

Dribble Bar Disc Position B	Pressure (Bar)	Flow Rate Litres/Min	Litres/ha Applied @ 50 cm Spacing													
			Forward Speed in KPH													
			4	5	6	7	8	9	10	11	12	13	14	16	18	20
	1.25	1.28	385	308	256	220	192	171	154	140	128	118	110	96	85	77
	1.50	1.39	417	334	278	238	209	185	167	152	139	128	119	104	93	83
	1.75	1.43	430	344	286	245	215	191	172	156	143	132	123	107	95	86
	2.00	1.52	457	366	305	261	229	203	183	166	152	141	131	114	102	91
	2.50	1.64	491	393	327	280	245	218	196	178	164	151	140	123	109	98

Dribble Bar Disc Position C	Pressure (Bar)	Flow Rate Litres/Min	Litres/ha Applied @ 50 cm Spacing													
			Forward Speed in KPH													
			4	5	6	7	8	9	10	11	12	13	14	16	18	20
	1.25	2.23	668	535	446	382	334	297	267	243	223	206	191	167	149	134
	1.50	2.36	709	567	472	405	354	315	283	258	236	218	202	177	157	142
	1.75	2.52	756	605	504	432	378	336	302	275	252	233	216	189	168	151
	2.00	2.64	791	633	527	452	395	351	316	288	264	243	226	198	176	158
	2.50	2.88	865	692	576	494	432	384	346	314	288	266	247	216	192	173

Dribble Bar Disc Position D	Pressure (Bar)	Flow Rate Litres/Min	Litres/ha Applied @ 50 cm Spacing													
			Forward Speed in KPH													
			4	5	6	7	8	9	10	11	12	13	14	16	18	20
	1.25	3.07	921	737	614	526	461	409	368	335	307	283	263	230	205	184
	1.50	3.29	988	791	659	565	494	439	395	359	329	304	282	247	220	198
	1.75	3.49	1048	839	699	599	524	466	419	381	349	323	299	262	233	210
	2.00	3.66	1097	878	732	627	549	488	439	399	366	338	314	274	244	219
	2.50	3.95	1186	948	790	677	593	527	474	431	395	365	339	296	263	237

Dribble Bar Disc Position E	Pressure (Bar)	Flow Rate Litres/Min	Litres/ha Applied @ 50 cm Spacing													
			Forward Speed in KPH													
			4	5	6	7	8	9	10	11	12	13	14	16	18	20
	1.25	4.69	1406	1125	938	804	703	625	563	511	469	433	402	352	313	281
	1.50	5.19	1556	1245	1038	889	778	692	623	566	519	479	445	389	346	311
	1.75	5.57	1670	1336	1114	955	835	742	668	607	557	514	477	418	371	334
	2.00	6.07	1820	1456	1214	1040	910	809	728	662	607	560	520	455	405	364
	2.50	6.67	2000	1600	1334	1143	1000	889	800	727	667	616	572	500	445	400

Dribble Bar Disc Position F	Pressure (Bar)	Flow Rate Litres/Min	Litres/ha Applied @ 50 cm Spacing													
			Forward Speed in KPH													
			4	5	6	7	8	9	10	11	12	13	14	16	18	20
	1.25	5.06	1517	1213	1011	867	758	674	607	552	506	467	433	379	337	303
	1.50	5.58	1674	1339	1116	957	837	744	670	609	558	515	478	419	372	335
	1.75	6.02	1805	1444	1203	1031	902	802	722	656	602	555	516	451	401	361
	2.00	6.42	1925	1540	1283	1100	962	855	770	700	642	592	550	481	428	385
	2.50	7.14	2141	1713	1427	1223	1070	951	856	778	714	659	612	535	476	428

This chart is shown in Litres per Hectare applied when spraying at the speeds and pressures shown above with a Dribble Bar spacing of 50cm.

These figures are given as a guide and the operator should adjust speed and pressure to suit local conditions.

There is no Position A. For lower application rates, mix fertiliser with equal amount of water, agitate thoroughly, then double the volume applied.

Important Note

Dribble Bars and Automatic Rate Controllers on Flow Based Sprayer Control Systems

This information applies to sprayers fitted with flow-based sprayer systems only. If unsure consult your dealer.

Operators must be made aware that when Dribble Bars are used on Sprayers fitted with automatic rate control, the setting on the Dribble bar's metering device **MUST** be set at position :-

C or D for rates up to 300 l/ha.

E or F for rates over 300 l/ha.

This is regardless of the target application rate as the controller determines this application rate.

FAILURE to do this may result in excess pressure being exerted on the Dribble bar causing it to fail.

The Dribble bar Should NEVER be operated above 2.5 bar in any circumstances.