

# 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													
			3	4	5	6	7	8	9	10	11	12	14	16	18	20
	1.25	1.16	466	349	279	233	200	175	155	140	127	116	100	87	78	70
	1.50	1.28	510	383	306	255	219	191	170	153	139	128	109	96	85	77
	1.75	1.38	551	413	331	275	236	207	184	165	150	138	118	103	92	83
	2.00	1.47	589	442	353	294	252	221	196	177	161	147	126	110	98	88
	2.50	1.65	658	494	395	329	282	247	219	198	180	165	141	123	110	99

Dribble Bar Disc Position C	Pressure (Bar)	Flow Rate Litres/Min	Litres/ha Applied @ 50 cm Spacing													
			Forward Speed in KPH													
			3	4	5	6	7	8	9	10	11	12	14	16	18	20
	1.25	2.08	830	623	498	415	356	311	277	249	226	208	178	156	138	125
	1.50	2.27	910	682	546	455	390	341	303	273	248	227	195	171	152	136
	1.75	2.46	983	737	590	491	421	368	328	295	268	246	211	184	164	147
	2.00	2.63	1050	788	630	525	450	394	350	315	286	263	225	197	175	158
	2.50	2.94	1174	881	705	587	503	440	391	352	320	294	252	220	196	176

Dribble Bar Disc Position D	Pressure (Bar)	Flow Rate Litres/Min	Litres/ha Applied @ 50 cm Spacing													
			Forward Speed in KPH													
			3	4	5	6	7	8	9	10	11	12	14	16	18	20
	1.25	2.83	1132	849	679	566	485	425	377	340	309	283	243	212	189	170
	1.50	3.10	1240	930	744	620	531	465	413	372	338	310	266	233	207	186
	1.75	3.35	1339	1005	804	670	574	502	446	402	365	335	287	251	223	201
	2.00	3.58	1432	1074	859	716	614	537	477	430	391	358	307	268	239	215
	2.50	4.00	1601	1201	961	800	686	600	534	480	437	400	343	300	267	240

Dribble Bar Disc Position E	Pressure (Bar)	Flow Rate Litres/Min	Litres/ha Applied @ 50 cm Spacing													
			Forward Speed in KPH													
			3	4	5	6	7	8	9	10	11	12	14	16	18	20
	1.25	5.48	2190	1643	1314	1095	939	821	730	657	597	548	469	411	365	329
	1.50	6.00	2399	1800	1440	1200	1028	900	800	720	654	600	514	450	400	360
	1.75	6.48	2592	1944	1555	1296	1111	972	864	778	707	648	555	486	432	389
	2.00	6.93	2771	2078	1662	1385	1187	1039	924	831	756	693	594	519	462	416
	2.50	7.74	3098	2323	1859	1549	1328	1162	1033	929	845	774	664	581	516	465

Dribble Bar Disc Position F	Pressure (Bar)	Flow Rate Litres/Min	Litres/ha Applied @ 50 cm Spacing													
			Forward Speed in KPH													
			3	4	5	6	7	8	9	10	11	12	14	16	18	20
	1.25	6.21	2482	1862	1489	1241	1064	931	827	745	677	621	532	465	414	372
	1.50	6.80	2719	2039	1632	1360	1165	1020	906	816	742	680	583	510	453	408
	1.75	7.34	2937	2203	1762	1469	1259	1101	979	881	801	734	629	551	490	441
	2.00	7.85	3140	2355	1884	1570	1346	1178	1047	942	856	785	673	589	523	471
	2.50	8.78	3511	2633	2106	1755	1505	1316	1170	1053	957	878	752	658	585	527

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.**