

Chafer Machinery

Streambar MR

Featuring the new Multi Rate
integrated fertilizer metering system

Streambars are the most efficient and accurate method of applying liquid fertilizer to a growing crop. The new Chafer Streambar MR has been designed to speed up changes in application rate, simplify installation onto all types of sprayer and to minimise the risk of damage or twisting while spraying.



Streambar MR can be fitted to most types of sprayer



Consistent fertilizer application is guaranteed across the boom width



Vertical streams of liquid are unaffected by boom height





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Machinery

Streambar MR

Quick and simple application rate changes

Each Streambar MR features an integrated Multi Rate metering system to alter application rate. Instead of removing the bar and changing a colour coded restrictor, rates are changed by adjusting the sliding metering mechanism. Six different restrictor options offer a wide range of application rates.

Not only does the Multi Rate system save the expense of purchasing different restrictors it also offers large practical benefits. The operator is not exposed to fertilizer when changing restrictors as the metering unit is completely sealed. Rate changes can be achieved quickly as the Streambars can be left on the boom and no spare restrictors need to be carried with the sprayer.

Even Application

Uniform flow across the Streambar MR is crucial to ensure even application especially on sloping ground. Once liquid has passed through the Multi Rate metering system each of the four ports are fed independently to ensure even application.

Unaffected by boom height

Unlike cap type fertilizer jets Streambar MR creates vertical streams of liquid fertilizer. This means that the application pattern is consistent regardless of boom height.

On breezy days when a cap type jet could not be used a Streambar MR can extend the sprayers working window. The boom can be dropped to just above the crop minimising spray disruption but without compromising spray pattern.

Reduced crop scorch

Streambar MR feature larger port outlets in comparison to other fertilizer bars. This reduces pressure at each outlet producing a stream of only large heavy droplets. This means that fertilizer droplets roll off the crop onto the ground minimising the risk of scorch.

Compact and easy to fit

Streambar MR is available with a variety of nozzle caps and can be fitted directly to a wide range of sprayers. No adaptors are required. The compact design reduces the chance of breakage or twisting if the boom comes into contact with the crop or ground.

Serviceable

The Streambar MR metering system is protected by a durable environmental seal and unlike many other types of dribble bar the metering system itself is fully serviceable. With only one moving part and 3 O-ring seals the unit can easily be refurbished.

Part No.	Description
008515	1/2m Streambar MR complete with EF3 adaptor
008516	1/2m Streambar MR complete with Chafer adaptor
008517	1/2m Streambar MR complete with hose tail adaptor
008518	1/2m Streambar MR complete with Hardi adaptor
008520	1/3m Streambar MR complete with EF3 adaptor
008523	1/3m Streambar MR complete with Chafer adaptor

HALF METRE STREAMBAR MR

OFFICE CODE	L/MIN WATER	PRESSURE BAR	L/MIN FERT	SPEED IN KILOMETERS							
				7	8	9	10	12	14	16	18
LITRES PER HECTARE											
1	0.95	1.0	0.84	145	127	113	101	84	72	63	56
	1.05	1.2	0.93	159	139	123	111	93	79	69	62
	1.13	1.4	1.00	171	150	133	120	100	86	75	67
	1.21	1.6	1.07	183	160	142	128	107	92	80	71
	1.28	1.8	1.13	194	170	151	136	113	97	85	76
	1.35	2.0	1.19	205	179	159	143	119	102	90	80
	1.42	2.2	1.25	215	188	167	150	125	107	94	84
	1.48	2.4	1.31	224	196	175	157	131	112	98	87
	1.54	2.6	1.36	234	204	182	163	136	117	102	91
	1.60	2.8	1.41	242	212	188	170	141	121	106	94
	1.65	3.0	1.46	251	219	195	176	146	125	110	98
	2	1.31	1.0	1.16	198	174	154	139	116	99	87
1.43		1.2	1.27	217	190	169	152	127	109	95	85
1.55		1.4	1.37	235	205	183	164	137	117	103	91
1.65		1.6	1.46	251	220	195	176	146	126	110	98
1.76		1.8	1.55	266	233	207	186	155	133	116	104
1.85		2.0	1.64	281	246	218	196	164	140	123	109
1.94		2.2	1.72	294	258	229	206	172	147	129	114
2.03		2.4	1.79	307	269	239	215	179	154	135	120
2.11		2.6	1.87	320	280	249	224	187	160	140	124
2.19		2.8	1.94	332	291	258	232	194	166	145	129
2.27		3.0	2.01	344	301	267	241	201	172	150	134
3		1.87	1.0	1.66	284	249	221	199	166	142	124
	2.05	1.2	1.82	311	272	242	218	182	156	136	121
	2.22	1.4	1.96	336	294	262	235	196	168	147	131
	2.37	1.6	2.10	360	315	280	252	210	180	157	140
	2.51	1.8	2.22	381	334	297	267	222	191	167	148
	2.65	2.0	2.35	402	352	313	281	235	201	176	156
	2.78	2.2	2.46	422	369	328	295	246	211	184	164
	2.90	2.4	2.57	440	385	343	308	257	220	193	171
	3.02	2.6	2.67	458	401	357	321	267	229	201	178
	3.14	2.8	2.77	476	416	370	333	277	238	208	185
	3.25	3.0	2.87	492	431	383	345	287	246	215	191
	4	2.55	1.0	2.25	386	338	300	270	225	193	169
2.79		1.2	2.47	423	370	329	296	247	212	185	165
3.01		1.4	2.67	457	400	355	320	267	228	200	178
3.22		1.6	2.85	489	427	380	342	285	244	214	190
3.42		1.8	3.02	518	453	403	363	302	259	227	201
3.60		2.0	3.19	546	478	425	382	319	273	239	212
3.78		2.2	3.34	573	501	446	401	334	286	251	223
3.94		2.4	3.49	598	524	465	419	349	299	262	233
4.10		2.6	3.63	623	545	484	436	363	311	272	242
4.26		2.8	3.77	646	565	503	452	377	323	283	251
4.41		3.0	3.90	669	585	520	468	390	334	293	260
5		3.22	1.0	2.85	488	427	380	342	285	244	214
	3.52	1.2	3.12	535	468	416	374	312	267	234	208
	3.81	1.4	3.37	578	505	449	404	337	289	253	225
	4.07	1.6	3.60	617	540	480	432	360	309	270	240
	4.32	1.8	3.82	655	573	509	458	382	327	287	255
	4.55	2.0	4.03	690	604	537	483	403	345	302	268
	4.77	2.2	4.22	724	633	563	507	422	362	317	282
	4.98	2.4	4.41	756	662	588	529	441	378	331	294
	5.19	2.6	4.59	787	689	612	551	459	394	344	306
	5.38	2.8	4.76	817	715	635	572	476	408	357	318
	5.57	3.0	4.93	845	740	658	592	493	423	370	329
	6	5.37	1.0	4.76	815	713	634	571	476	408	357
5.89		1.2	5.21	893	781	695	625	521	447	391	347
6.36		1.4	5.63	965	844	750	675	563	482	422	375
6.80		1.6	6.02	1031	902	802	722	602	516	451	401
7.21		1.8	6.38	1094	957	851	766	638	547	479	425
7.60		2.0	6.73	1153	1009	897	807	673	577	504	448
7.97		2.2	7.05	1209	1058	941	847	705	605	529	470
8.33		2.4	7.37	1263	1105	982	884	737	632	553	491
8.67		2.6	7.67	1315	1150	1022	920	767	657	575	511
8.99		2.8	7.96	1364	1194	1061	955	796	682	597	531
9.31		3.0	8.24	1412	1236	1098	988	824	706	618	549

CHARTS BASED ON FERTILISER WITH 1.28 SG * FLOW RATE OF FERTILISER IS AS A GUIDE ONLY AND COMPENSATION MAY NEED TO BE MADE TO RATE CONTROLLERS TO ACHIEVE EXACT RATES

THIRD METRE STREAM BARS

OFFICE CODE	L/MIN WATER	PRESSURE BAR	L/MIN FERT	SPEED IN KILOMETERS							
				7	8	9	10	12	14	16	18
LITRES PER HECTARE											
1	0.95	1.0	0.84	217	190	169	152	127	109	95	85
	1.05	1.2	0.93	238	208	185	167	139	119	104	93
	1.13	1.4	1.00	257	225	200	180	150	129	113	100
	1.21	1.6	1.07	275	241	214	193	160	138	120	107
	1.28	1.8	1.13	292	255	227	204	170	146	128	113
	1.35	2.0	1.19	308	269	239	215	179	154	135	120
	1.42	2.2	1.25	323	282	251	226	188	161	141	125
	1.48	2.4	1.31	337	295	262	236	197	168	147	131
	1.54	2.6	1.36	351	307	273	245	205	175	153	136
	1.60	2.8	1.41	364	318	283	255	212	182	159	142
	1.65	3.0	1.46	377	330	293	264	220	188	165	146
	2	1.31	1.0	1.16	298	261	232	209	174	149	130
1.43		1.2	1.27	326	286	254	228	190	163	143	127
1.55		1.4	1.37	353	309	274	247	206	176	154	137
1.65		1.6	1.46	377	330	293	264	220	188	165	147
1.76		1.8	1.55	400	350	311	280	233	200	175	155
1.85		2.0	1.64	421	369	328	295	246	211	184	164
1.94		2.2	1.72	442	387	344	309	258	221	193	172
2.03		2.4	1.79	462	404	359	323	269	231	202	180
2.11		2.6	1.87	480	420	374	336	280	240	210	187
2.19		2.8	1.94	499	436	388	349	291	249	218	194
2.27		3.0	2.01	516	452	401	361	301	258	226	201
3		1.87	1.0	1.66	427	374	332	299	249	213	187
	2.05	1.2	1.82	468	409	364	327	273	234	205	182
	2.22	1.4	1.96	505	442	393	354	295	253	221	196
	2.37	1.6	2.10	540	472	420	378	315	270	236	210
	2.51	1.8	2.22	573	501	445	401	334	286	251	223
	2.65	2.0	2.35	604	528	470	423	352	302	264	235
	2.78	2.2	2.46	633	554	492	443	369	317	277	246
	2.90	2.4	2.57	661	579	514	463	386	331	289	257
	3.02	2.6	2.67	688	602	535	482	401	344	301	268
	3.14	2.8	2.77	714	625	556	500	417	357	312	278
	3.25	3.0	2.87	739	647	575	518	431	370	323	288
	4	2.55	1.0	2.25	580	507	451	406	338	290	254
2.79		1.2	2.47	635	556	494	445	371	318	278	247
3.01		1.4	2.67	686	600	534	480	400	343	300	267
3.22		1.6	2.85	733	642	570	513	428	367	321	285
3.42		1.8	3.02	778	681	605	545	454	389	340	303
3.60		2.0	3.19	820	718	638	574	478	410	359	319
3.78		2.2	3.34	860	753	669	602	502	430	376	334
3.94		2.4	3.49	898	786	699	629	524	449	393	349
4.10		2.6	3.63	935	818	727	655	545	468	409	364
4.26		2.8	3.77	970	849	755	679	566	485	425	377
4.41		3.0	3.90	1004	879	781	703	586	502	439	391
5		3.22	1.0	2.85	733	641	570	513	428	366	321
	3.52	1.2	3.12	803	702	624	562	468	401	351	312
	3.81	1.4	3.37	867	759	674	607	506	434	379	337
	4.07	1.6	3.60	927	811	721	649	541	464	406	361
	4.32	1.8	3.82	983	860	765	688	574	492	430	382
	4.55	2.0	4.03	1036	907	806	726	605	518	453	403
	4.77	2.2	4.22	1087	951	845	761	634	544	476	423
	4.98	2.4	4.41	1135	994	883	795	662	568	497	442
	5.19	2.6	4.59	1182	1034	919	827	689	591	517	460
	5.38	2.8	4.76	1226	1073	954	858	715	613	537	477
	5.57	3.0	4.93	1269	1111	987	889	740	635	555	494
	6	5.37	1.0	4.76	1224	1071	952	857	714	612	536
5.89		1.2	5.21	1341	1173	1043	939	782	670	587	521
6.36		1.4	5.63	1448	1267	1127	1014	845	724	634	563
6.80		1.6	6.02	1548	1355	1204	1084	903	774	677	602
7.21		1.8	6.38	1642	1437	1277	1150	958	821	719	639
7.60		2.0	6.73	1731	1515	1347	1212	1010	866	757	673
7.97		2.2	7.05	1816	1589	1412	1271	1059	908	794	706
8.33		2.4	7.37	1897	1659	1475	1328	1106	948	830	738
8.67		2.6	7.67	1974	1727	1535	1382	1151	987	864	768
8.99		2.8	7.96	2048	1792	1593	1434	1195	1024	896	797
9.31		3.0	8.24	2120	1855	1649	1484	1237	1060	928	825

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