

RATECHART PLUS

WLS series		24 inch chain 40 ft spread			540 PTO		
		100 LB/CF LIME			LIME		
Gate		LOW RANGE			HIGH RANGE		
Ht (inch)		5	7.5	10 < speed mph>	5	7.5	10
10		4296	2864	2148	7030	4686	3515
9		3866	2578	1933	6327	4218	3163
8		3437	2291	1718	5624	3749	2812
7		3007	2005	1504	4921	3281	2460
6		2578	1718	1289	4218	2812	2109
5		2148	1432	1074	3515	2343	1757
		65 LB/CF fertilizer			FERTILIZER		
		LOW / LOW			LOW / LOW		
5		1396	931	698	814	543	407
4		1117	745	558	652	434	326
3		838	558	419	489	326	244
2		558	372	279	326	217	163
1		279	186	140	163	109	81

EXAMPLE
5 mph
HIGH range
7" gate height
spreads 4,921 lb/ac LIME

		24 inch chain 40 ft spread			1000 PTO		
		100 LB/CF LIME			LIME		
Gate		LOW RANGE			HIGH RANGE		
Ht (inch)		5	7.5	10 < speed mph>	5	7.5	10
10		4813	3208	2406	7875	5250	3938
9		4331	2888	2166	7088	4725	3544
8		3850	2567	1925	6300	4200	3150
7		3369	2246	1684	5513	3675	2756
6		2888	1925	1444	4725	3150	2363
5		2406	1604	1203	3938	2625	1969
		65 LB/CF fertilizer			FERTILIZER		
		LOW / LOW			LOW / LOW		
5		1564	1043	782	1005	670	503
4		1251	834	626	804	536	402
3		938	626	469	603	402	302
2		626	417	313	402	268	201
1		313	209	156	201	134	101

BMS series		30 inch chain 40 ft spread			540 PTO					
		65 lb/cf material (fertilizer)			HIGH RANGE			LOW/LOW RANGE		
Gate		LOW RANGE			HIGH RANGE			LOW/LOW RANGE		
Ht (inch)		5	7.5	10 mph	5	7.5	10 mph	5	7.5	10
12		5585	3723	2792	10239	6826	5119	3258	2172	1629
11		5119	3413	2560	9385	6257	4693	2986	1991	1493
10		4654	3103	2327	8532	5688	4266	2715	1810	1357
9		4188	2792	2094	7679	5119	3839	2443	1629	1222
8		3723	2482	1862	6826	4550	3413	2172	1448	1086
7		3258	2172	1629	5972	3982	2986	1900	1267	950
6		2792	1862	1396	5119	3413	2560	1629	1086	814
5		2327	1551	1163	4266	2844	2133	1357	905	679
4		1862	1241	931	3413	2275	1706	1086	724	543
3		1396	931	698	2560	1706	1280	814	543	407
2		931	621	465	1706	1138	853	543	362	271
1		465	310	233	853	569	427	271	181	136
		50 lb/cf material (compost, litter)								
12		4296	2864	2148	7876	5251	3938	2506	1671	1253
11		3938	2625	1969	7219	4813	3610	2297	1531	1149
10		3580	2387	1790	6563	4375	3282	2088	1392	1044
9		3222	2148	1611	5907	3938	2953	1879	1253	940
8		2864	1909	1432	5251	3500	2625	1671	1114	835
7		2506	1671	1253	4594	3063	2297	1462	975	731
6		2148	1432	1074	3938	2625	1969	1253	835	626
5		1790	1193	895	3282	2188	1641	1044	696	522
4		1432	955	716	2625	1750	1313	835	557	418
3		1074	716	537	1969	1313	984	626	418	313
2		716	477	358	1313	875	656	418	278	209
1		358	239	179	656	438	328	209	139	104

		30 inch chain 40 ft spread			1000 PTO					
		65 lb/cf material (fertilizer)			HIGH RANGE			LOW/LOW RANGE		
Gate		LOW RANGE			HIGH RANGE			LOW/LOW RANGE		
Ht (inch)		5	7.5	10 mph	5	7.5	10 mph	5	7.5	10
12		6033	4022	3016	9872	6581	4936	5279	3519	2639
11		5530	3687	2765	9049	6033	4525	4839	3226	2419
10		5027	3352	2514	8227	5484	4113	4399	2933	2199
9		4525	3016	2262	7404	4936	3702	3959	2639	1980
8		4022	2681	2011	6581	4388	3291	3519	2346	1760
7		3519	2346	1760	5759	3839	2879	3079	2053	1540
6		3016	2011	1508	4936	3291	2468	2639	1760	1320
5		2514	1676	1257	4113	2742	2057	2199	1466	1100
		100 lb/cf material (LIME)								
12		9281	6188	4641	15188	10125	7594	8121	5414	4061
11		8508	5672	4254	13922	9281	6961	7444	4963	3722
10		7734	5156	3867	12656	8438	6328	6768	4512	3384

9	6961	4641	3480	11391	7594	5695	6091	4061	3045
8	6188	4125	3094	10125	6750	5063	5414	3609	2707
7	5414	3609	2707	8859	5906	4430	4737	3158	2369
6	4641	3094	2320	7594	5063	3797	4061	2707	2030
5	3867	2578	1934		0	0	3384	2256	1692

	Input		Gearbox				Output	
	RPM	Input to Gearbox		15:1	Output from Gearbox		RPM	
24 inch	540	18	22	15	18	35	15.15	high-standard
		13	26	15	18	35	9.26	low-standard
		18	22	15	12	40	8.84	
		13	26	15	12	40	5.40	LOW/LOW
	1000	18	22	15	14	45	16.97	high-standard
		13	26	15	14	45	10.37	low-standard
		18	22	15	12	60	10.91	
		13	26	15	12	60	6.67	LOW/LOW

30 inch	540	16	24	15	12	40	7.20	LOW/LOW
		16	24	15	18	35	12.34	low-standard
		22	18	15	12	40	13.20	
		22	18	15	18	35	22.63	high-standard
	1000	13	26	15	14	40	11.67	LOW/LOW
		13	26	15	14	35	13.33	low-standard
		18	22	15	14	40	19.09	
		18	22	15	14	35	21.82	high-standard

