

FERTILIZER

45 Foot Swath with 4.8 Drive Wheel
12 Jack Shaft to 36 Rear Roller Sprocket Ratio

12 DW TO 80 JS SPOCKET							
Gate Height	Pounds Per Acre at Various Densities						
1.50"	104	119	125	129	140	147	162
1.75"	121	138	146	151	164	171	189
2.00"	138	158	167	173	187	196	216
2.25"	155	178	188	194	210	220	243
2.50"	173	198	208	216	234	244	270
2.75"	190	217	229	237	257	269	296
3.00"	207	237	250	259	280	293	323
3.50"	242	277	292	302	327	342	377
4.00"	276	316	334	345	374	391	431
5.00"	345	395	417	431	467	489	539
6.00"	414	474	500	518	561	587	647
Gate Height	48	55	58	60	65	68	75
	Density (Lbs./Ft ³)						

LIME

40 Foot Swath with 4.8 Drive Wheel
12 Jack Shaft to 36 Rear Roller Sprocket Ratio

1:2 SPROCKET RATIO: 12DW TO 24JS - 12JS - 36RR			
Gate Height	Pounds Per Acre at Various Densities		
3.0"	1,137	1,380	1,462
4.0"	1,516	1,840	1,949
5.0"	1,895	2,301	2,436
6.0"	2,274	2,761	2,923
7.0"			
8.0"	3,031	3,681	3,897
9.0"	3,410	4,141	4,385
Gate Height	70	85	90
	Density (Lbs./Ft ³)		

For Setting Chute:

Lime Applications: Adjust to one on the chute scale.
Fertilizer Applications: Use Lbs./Acre from Rate Chart.
See Chute Settings Sticker to find chute setting.
Match chute scale to front edge of bracket.

DANGER: BEFORE ADJUSTING SPREADER TURN OFF POWER. All settings and rates must be checked for each material by testing the spread pattern. Changes in swath, drive wheel, sprocket ratio, or material weight will change the pounds per acre and chute settings. DO NOT SET GATE BELOW 1.50"

Read Newton Crouch Manual for important instructions and sprocket alignment. Call 770.227.1234 for new manual.

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FERTILIZER

45 Foot Swath with 4.8 Drive Wheel
12 Jack Shaft to 36 Rear Roller Sprocket Ratio

12 DW TO 54 JS SPOCKET					
Gate Height	Pounds Per Acre at Various Densities				
1.50"	231	279	313	327	361
1.75"	269	326	365	382	421
2.00"	308	372	417	436	481
2.25"	346	419	469	491	541
2.50"	385	465	521	545	601
2.75"	423	512	573	600	662
3.00"	462	558	626	654	722
3.25"	500	605	678	709	782
4.00"	616	744	834	873	962
5.00"	770	930	1,043	1,091	1,230
Gate Height	48	58	65	68	75
	Density (Lbs./Ft ³)				

3RD RATE KIT: 12DW TO 36JSA - 12JSA - 54JS					
Gate Height	Pounds Per Acre at Various Densities				
1.50"	77	93	104	109	120
1.75"	90	109	122	127	140
2.00"	103	124	139	145	160
2.25"	115	140	156	164	180
2.50"	128	155	174	182	200
2.75"	141	171	191	200	221
3.00"	154	186	209	218	241
3.25"	167	202	226	236	261
4.00"	205	248	279	291	321
5.00"	257	310	348	364	401
Gate Height	48	58	65	68	75
	Density (Lbs./Ft ³)				

LIME

40 Foot Swath with 4.8 Drive Wheel
12 Jack Shaft to 36 Rear Roller Sprocket Ratio

2:1 SPROCKET RATIO: 22DW TO 44JSA			
Gate Height	Pounds Per Acre at Various Densities		
3.0"	1,705	2,071	2,192
4.0"	2,274	2,761	2,923
5.0"	2,842	3,451	3,654
6.0"	3,410	4,141	4,385
7.0"	3,979	4,831	5,115
8.0"	4,547	5,521	5,846
Gate Height	70	85	90
	Density (Lbs./Ft ³)		

12DW TO 54JSA SPROCKET			
Gate Height	Pounds Per Acre at Various Densities		
3.0"	758	920	974
4.0"	1,010	1,227	1,299
5.0"	1,263	1,534	1,624
6.0"	1,516	1,840	1,949
7.0"	1,768	2,147	2,274
8.0"	2,021	2,454	2,598
Gate Height	70	85	90
	Density (Lbs./Ft ³)		

For Setting Chute:

Lime Applications: Adjust to one on the chute scale.

Fertilizer Applications: Use Lbs./Acre from Rate Chart. See Chute Settings Sticker to find chute setting. Match chute scale to front edge of bracket.

DANGER: BEFORE ADJUSTING SPREADER TURN OFF POWER. All settings and rates must be checked for each material by testing the spread pattern. Changes in swath, drive wheel, sprocket ratio, or material weight will change the pounds per acre and chute settings. **DO NOT SET GATE BELOW 1.50"** Read Newton Crouch Manual for important instructions and sprocket alignment. Call 770.227.1234 for new manual.

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FERTILIZER

36 Foot Swath with 4.8 Drive Wheel
12 Jack Shaft to 36 Rear Roller Sprocket Ratio

12 DW TO 54 JS SPOCKET					
Gate Height	Pounds Per Acre at Various Densities				
1.50"	289	349	391	409	451
1.75"	337	407	456	477	526
2.00"	385	465	521	545	601
2.25"	433	523	586	613	677
2.50"	481	581	652	682	752
2.75"	529	640	717	750	827
3.00"	577	698	782	818	902
3.25"	626	756	847	886	977
4.00"	770	930	1043	1091	1203
5.00"	962	1163	1303	1363	1504
Gate Height	48	58	65	68	75
	Density (Lbs./Ft ³)				

3RD RATE KIT: 12DW TO 36JSA - 12JSA - 54JS					
Gate Height	Pounds Per Acre at Various Densities				
1.50"	96	116	130	136	150
1.75"	112	136	152	159	175
2.00"	128	155	174	182	200
2.25"	144	174	195	204	226
2.50"	160	194	217	227	251
2.75"	176	213	239	250	276
3.00"	192	233	261	273	301
3.25"	209	252	282	295	326
4.00"	257	310	348	364	401
5.00"	321	388	434	454	501
Gate Height	48	58	65	68	75
	Density (Lbs./Ft ³)				

LIME

40 Foot Swath with 4.8 Drive Wheel
12 Jack Shaft to 36 Rear Roller Sprocket Ratio

2:1 SPROCKET RATIO: 22DW TO 44JSA			
Gate Height	Pounds Per Acre at Various Densities		
3.0"	1,705	2,071	2,192
4.0"	2,274	2,761	2,923
5.0"	2,842	3,451	3,654
6.0"	3,410	4,141	4,385
7.0"	3,979	4,831	5,115
8.0"	4,547	5,521	5,846
Gate Height	70	85	90
	Density (Lbs./Ft ³)		

12DW TO 54JSA SPROCKET			
Gate Height	Pounds Per Acre at Various Densities		
3.0"	758	920	974
4.0"	1,010	1,227	1,299
5.0"	1,263	1,534	1,624
6.0"	1,516	1,840	1,949
7.0"	1,768	2,147	2,274
8.0"	2,021	2,454	2,598
Gate Height	70	85	90
	Density (Lbs./Ft ³)		

For Setting Chute:

Lime Applications: Adjust to one on the chute scale.

Fertilizer Applications: Use Lbs./Acre from Rate Chart. See Chute Settings Sticker to find chute setting. Match chute scale to front edge of bracket.

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FERTILIZER

60 Foot Swath with 4.8 Drive Wheel
12 Jack Shaft to 36 Rear Roller Sprocket Ratio

12 DW TO 54 JS SPOCKET					
Gate Height	Pounds Per Acre at Various Densities				
1.50"	173	209	235	245	271
1.75"	202	244	274	286	316
2.00"	231	279	313	327	361
2.25"	260	314	352	368	406
2.50"	289	349	391	409	451
2.75"	318	384	430	450	496
3.00"	346	419	469	491	541
3.25"	375	453	508	532	586
4.00"	462	558	626	654	722
5.00"	577	698	782	818	902
Gate Height	48	58	65	68	75
	Density (Lbs./Ft ³)				

3RD RATE KIT: 12DW TO 36JSA - 12JSA - 54JS					
Gate Height	Pounds Per Acre at Various Densities				
1.50"	58	70	78	82	90
1.75"	67	81	91	95	105
2.00"	77	93	104	109	120
2.25"	87	105	117	123	135
2.50"	96	116	130	136	150
2.75"	106	128	143	150	165
3.00"	115	140	156	164	180
3.25"	125	151	169	177	195
4.00"	154	186	209	218	241
5.00"	192	233	261	273	301
Gate Height	48	58	65	68	75
	Density (Lbs./Ft ³)				

LIME

40 Foot Swath with 4.8 Drive Wheel
12 Jack Shaft to 36 Rear Roller Sprocket Ratio

2:1 SPROCKET RATIO: 22DW TO 44JSA			
Gate Height	Pounds Per Acre at Various Densities		
3.0"	1,705	2,071	2,192
4.0"	2,274	2,761	2,923
5.0"	2,842	3,451	3,654
6.0"	3,410	4,141	4,385
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8.0"	4,547	5,521	5,846
Gate Height	70	85	90
	Density (Lbs./Ft ³)		

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