

FERTILIZER

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

12 DW TO 80 JS SPROCKET							
Gate Height	Pounds Per Acre at Various Densities						
1.50"	104	119	126	130	141	147	162
1.75"	121	139	147	152	164	172	189
2.00"	139	159	167	173	188	196	217
2.25"	156	179	188	195	211	221	244
2.50"	173	198	209	217	235	245	271
2.75"	191	218	230	238	258	270	298
3.00"	208	238	251	260	281	294	325
3.50"	243	278	293	303	328	344	379
4.00"	277	318	335	346	375	393	433
5.00"	346	397	419	433	469	489	541
6.00"	416	476	502	520	563	589	650
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

2:1 SPROCKET RATIO: 22DW TO 44JS - 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"	2,652	3,221	3,410
8.0"	3,031	3,681	3,897
9.0"	3,410	4,141	-
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.

Newton Crouch Co., LLC is not responsible for misapplication and improper practices.

16-INCH BED CHAIN PULL TYPE Third Rate Kit

FERTILIZER

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

12 DW TO 54 JS SPROCKET					
Gate Height	Pounds Per Acre at Various Densities				
1.50"	289	349	391	421	451
1.75"	337	407	456	491	526
2.00"	385	465	521	561	601
2.25"	433	523	586	632	677
2.50"	481	581	652	702	752
2.75"	529	640	717	772	827
3.00"	577	698	782	842	902
3.25"	626	756	847	982	977
4.00"	770	930	1,043	1,123	1,203
5.00"	962	1,163	1,303	1,403	1,504
Gate Height	48	58	65	70	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	140	150
1.75"	112	136	152	164	175
2.00"	128	155	174	187	200
2.25"	144	174	195	211	226
2.50"	160	194	217	234	251
2.75"	176	213	239	257	276
3.00"	192	233	261	281	301
3.25"	209	252	282	327	326
4.00"	257	310	348	374	401
5.00"	321	388	434	468	501
Gate Height	48	58	65	70	75
	Density (Lbs./Ft ³)				

LIME

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

12DW TO 54JSA SPROCKET			
Gate Height	Pounds Per Acre at Various Densities		
3.0"	842	1,022	1,083
4.0"	1,123	1,196	1,443
5.0"	1,403	1,704	1,804
6.0"	1,684	2,045	2,165
7.0"	1,965	2,386	2,526
8.0"	2,245	2,727	2,887
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.
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16-INCH BED CHAIN PULL TYPE Third Rate Kit

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

12 DW TO 54 JS SPROCKET					
Gate Height	Pounds Per Acre at Various Densities				
1.50"	577	698	782	842	902
1.75"	674	814	912	982	1053
2.00"	770	930	1043	1123	1,203
2.25"	866	1,047	1,173	1,263	1,353
2.50"	962	1,163	1,303	1403	1,504
2.75"	1059	1,279	1,433	1,544	1,654
3.00"	1,155	1,395	1,564	1,684	1,804
3.25"	12,51	1,512	1,694	1,824	1,955
4.00"	1,540	1,861	2,085	2,245	2,406
5.00"	1,925	2,326	2,606	2,807	3,007
Gate Height	48	58	65	70	75
	Density (Lbs./Ft ³)				

3RD RATE KIT: 12DW TO 36JSA - 12JSA - 54JS					
Gate Height	Pounds Per Acre at Various Densities				
1.50"	192	233	261	281	301
1.75"	225	271	304	327	351
2.00"	257	310	348	374	401
2.25"	289	349	391	421	451
2.50"	321	388	434	468	501
2.75"	353	426	478	515	551
3.00"	385	465	521	561	601
3.25"	417	504	565	608	652
4.00"	513	620	695	748	802
5.00"	642	775	869	936	1,002
Gate Height	48	58	65	70	75
	Density (Lbs./Ft ³)				

LIME

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

12DW TO 54JSA SPROCKET			
Gate Height	Pounds Per Acre at Various Densities		
3.0"	1,684	2,045	2,165
4.0"	2,246	2,727	2,887
5.0"	2,807	3,408	3,609
6.0"	3,368	4,090	4,330
7.0"	3,930	4,772	5,052
8.0"	4,491	5,453	5,774
Gate Height	70	85	90
	Density (Lbs./Ft ³)		

For Setting Chute:

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Fertilizer Applications: Use Lbs./Acre from Rate Chart.
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