



**NEWTON
CROUCH**

NC1500 / NC2000 / NC3000 / NC5000 FERTILIZER RATE CHART

50 FOOT SWATH WITH 12.5L X 16.1 TIRES

Find the fertilizer density at the bottom of the chart.
Move up the column to desired pounds per acre
and over to get gate height. Adjust as needed.

LOW SPEED SPROCKET							
Gate Height	Pounds Per Acre at Various Densities						
1.50"	57	66	70	77	83	89	95
1.75"	67	77	81	90	97	105	111
2.00"	76	88	93	103	111	119	127
2.25"	86	99	104	116	126	134	143
2.50"	95	110	116	129	139	149	159
2.75"	105	121	128	142	153	164	175
3.00"	114	132	139	155	167	179	190
3.50"	133	154	162	181	194	208	222
4.00"	152	176	184	206	222	238	254
5.00"	190	220	230	258	278	398	317
Gate Height	48	55	58	65	68	75	80
	Density (Lbs./Ft ³)						

HIGH SPEED SPROCKET							
Gate Height	Pounds Per Acre at Various Densities						
1.50"	141	161	170	190	199	219	234
1.75"	164	188	198	221	232	256	273
2.00"	188	215	227	253	266	292	313
2.25"	211	242	255	285	299	329	352
2.50"	234	269	283	316	332	365	391
2.75"	258	295	312	348	365	402	430
3.00"	281	322	340	381	398	439	469
3.50"	328	376	397	444	465	476	547
4.00"	375	430	453	508	531	586	625
5.00"	469	537	566	635	664	732	781
Gate Height	48	55	58	65	68	75	80
	Density (Lbs./Ft ³)						

DANGER: BEFORE ADJUSTING SPREADER TURN OFF POWER

All settings and rates must be checked for each material by testing the spread pattern. **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/or improper belt practices.



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NC1500 / NC2000 / NC3000 / NC5000 FERTILIZER RATE CHART

40 FOOT SWATH WITH 12.5L X 16.1 TIRES

Find the fertilizer density at the bottom of the chart.
Move up the column to desired pounds per acre
and over to get gate height. Adjust as needed.

LOW SPEED SPROCKET							
Gate Height	Pounds Per Acre at Various Densities						
1.50"	71	82	86	97	101	112	119
1.75"	83	95	101	113	118	130	139
2.00"	95	109	115	128	135	149	159
2.25"	107	123	129	144	152	167	179
2.50"	119	136	143	160	169	186	198
2.75"	131	150	158	177	185	205	218
3.00"	143	164	173	193	202	223	238
3.50"	167	191	201	226	236	260	278
4.00"	190	218	230	258	270	298	317
5.00"	238	273	288	322	337	372	397
Gate Height	48	55	58	65	68	75	80
	Density (Lbs./Ft ³)						

HIGH SPEED SPROCKET							
Gate Height	Pounds Per Acre at Various Densities						
1.50"	176	201	212	238	256	275	293
1.75"	205	235	248	278	299	320	342
2.00"	234	268	283	317	342	366	390
2.25"	264	302	318	357	384	412	439
2.50"	293	336	354	397	427	458	488
2.75"	322	369	389	436	470	503	537
3.00"	352	403	425	476	512	549	586
3.50"	410	436	495	555	598	641	683
4.00"	469	537	566	634	683	732	781
5.00"	586	671	708	793	854	916	976
Gate Height	48	55	58	65	68	75	80
	Density (Lbs./Ft ³)						

DANGER: BEFORE ADJUSTING SPREADER TURN OFF POWER

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**NEWTON
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NC1500 / NC2000 / NC3000 / NC5000 FERTILIZER RATE CHART

40 FOOT SWATH WITH 11.5L X 15 TIRES

Find the fertilizer density at the bottom of the chart. Move up the column to desired pounds per acre and over to get gate height. Adjust as needed.

LOW SPEED SPROCKET							
Gate Height	Pounds Per Acre at Various Densities						
1.50"	76	87	91	103	107	118	126
1.75"	88	101	107	120	125	138	147
2.00"	101	116	122	137	143	158	168
2.25"	114	130	137	154	161	177	189
2.50"	126	145	152	171	179	197	210
2.75"	139	159	168	188	197	217	231
3.00"	151	174	183	205	215	237	252
3.50"	177	203	213	239	250	277	294
4.00"	202	232	244	273	286	315	336
5.00"	252	290	305	342	358	394	421
Gate Height	48	55	58	65	68	75	80
	Density (Lbs./Ft ³)						

HIGH SPEED SPROCKET							
Gate Height	Pounds Per Acre at Various Densities						
1.50"	186	214	225	252	264	291	311
1.75"	217	249	263	294	308	340	362
2.00"	248	285	300	336	352	388	414
2.25"	280	320	338	379	396	437	466
2.50"	311	356	375	421	440	485	518
2.75"	342	391	413	463	484	534	569
3.00"	373	427	450	505	528	582	621
3.50"	435	498	525	589	616	679	725
4.00"	497	569	600	673	704	776	828
5.00"	621	712	751	841	880	971	1035
Gate Height	48	55	58	65	68	75	80
	Density (Lbs./Ft ³)						

DANGER: BEFORE ADJUSTING SPREADER TURN OFF POWER

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NC1500 / NC2000 / NC3000 / NC5000 FERTILIZER RATE CHART

50 FOOT SWATH WITH 11.5L X 15 TIRES

Find the fertilizer density at the bottom of the chart.
Move up the column to desired pounds per acre
and over to get gate height. Adjust as needed.

LOW SPEED SPROCKET							
Gate Height	Pounds Per Acre at Various Densities						
1.50"	61	69	73	82	88	95	101
1.75"	71	81	85	96	103	110	118
2.00"	81	93	98	109	118	126	135
2.25"	91	104	110	123	132	142	151
2.50"	101	116	122	137	147	158	168
2.75"	111	127	134	150	162	173	185
3.00"	121	139	146	164	177	189	202
3.50"	141	162	171	191	206	221	236
4.00"	162	185	195	219	236	252	269
5.00"	202	231	244	273	294	315	336
Gate Height	48	55	58	65	68	75	80
	Density (Lbs./Ft ³)						

HIGH SPEED SPROCKET							
Gate Height	Pounds Per Acre at Various Densities						
1.50"	149	171	180	202	211	233	248
1.75"	174	199	210	236	246	272	290
2.00"	199	228	240	269	317	311	331
2.25"	224	256	270	303	352	349	373
2.50"	248	285	300	336	352	388	414
2.75"	273	313	330	370	387	427	456
3.00"	298	342	360	404	422	466	497
3.50"	348	399	420	471	493	544	538
4.00"	398	456	480	538	563	621	663
5.00"	497	569	600	673	704	776	828
Gate Height	48	55	58	65	68	75	80
	Density (Lbs./Ft ³)						

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40 FOOT SWATH WITH 16.5L X 16.1 TIRES

Find the fertilizer density at the bottom of the chart. Move up the column to desired pounds per acre and over to get gate height. Adjust as needed.

LOW SPEED SPROCKET							
Gate Height	Pounds Per Acre at Various Densities						
1.50"	80	92	97	109	114	125	134
1.75"	94	107	113	127	133	146	156
2.00"	107	123	129	145	152	167	178
2.25"	120	138	146	163	171	188	201
2.50"	134	153	162	181	190	209	223
2.75"	147	169	178	199	209	230	245
3.00"	161	184	194	218	228	251	268
3.50"	187	215	226	254	265	293	312
4.00"	214	245	259	290	303	335	357
5.00"	268	307	323	363	379	418	446
Gate Height	48	55	58	65	68	75	80
	Density (Lbs./Ft ³)						

HIGH SPEED SPROCKET							
Gate Height	Pounds Per Acre at Various Densities						
1.50"	198	227	239	268	280	309	329
1.75"	231	264	279	312	327	360	384
2.00"	264	302	318	357	373	412	439
2.25"	297	340	358	402	420	463	494
2.50"	329	378	398	446	467	515	549
2.75"	362	415	438	491	513	566	604
3.00"	395	453	478	535	560	618	659
3.50"	461	529	557	625	607	721	769
4.00"	527	604	637	714	747	824	879
5.00"	659	755	796	892	933	1030	1099
Gate Height	48	55	58	65	68	75	80
	Density (Lbs./Ft ³)						

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50 FOOT SWATH WITH 16.5L X 16.1 TIRES

Find the fertilizer density at the bottom of the chart.
Move up the column to desired pounds per acre
and over to get gate height. Adjust as needed.

LOW SPEED SPROCKET							
Gate Height	Pounds Per Acre at Various Densities						
1.50"	64	74	78	87	91	100	107
1.75"	75	86	91	102	106	117	125
2.00"	86	98	104	116	121	134	143
2.25"	96	110	116	131	137	151	161
2.50"	107	123	129	145	152	167	178
2.75"	118	135	142	160	167	184	196
3.00"	128	147	155	174	182	201	214
3.50"	150	172	168	203	212	234	250
4.00"	171	196	207	232	243	268	286
5.00"	214	245	259	290	303	335	357
Gate Height	48	55	58	65	68	75	80
	Density (Lbs./Ft ³)						

HIGH SPEED SPROCKET							
Gate Height	Pounds Per Acre at Various Densities						
1.50"	158	181	191	214	224	247	264
1.75"	185	211	223	250	261	288	308
2.00"	211	242	255	286	299	329	351
2.25"	237	272	287	321	336	371	396
2.50"	364	302	318	357	373	412	439
2.75"	290	332	350	393	411	453	483
3.00"	316	362	382	428	448	494	527
3.50"	369	423	446	500	523	577	615
4.00"	422	483	510	571	597	659	703
5.00"	527	604	637	714	747	824	879
Gate Height	48	55	58	65	68	75	80
	Density (Lbs./Ft ³)						

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40 FOOT SWATH WITH 19L X 16.1 TIRES

Find the fertilizer density at the bottom of the chart. Move up the column to desired pounds per acre and over to get gate height. Adjust as needed.

LOW SPEED SPROCKET								
Gate Height	Pounds Per Acre at Various Densities							
1.50"	78	89	94	105	110	121	130	
1.75"	91	104	110	123	128	142	151	
2.00"	104	119	125	140	147	162	173	
2.25"	117	134	141	158	165	182	194	
2.50"	130	148	157	175	184	202	216	
2.75"	143	163	172	193	202	223	238	
3.00"	155	178	188	211	220	243	259	
3.50"	181	208	219	246	257	283	302	
4.00"	207	238	250	281	294	324	346	
5.00"	259	297	313	351	367	405	432	
Gate Height	48	55	58	65	68	75	80	Density (Lbs./Ft ³)

HIGH SPEED SPROCKET								
Gate Height	Pounds Per Acre at Various Densities							
1.50"	191	219	231	259	279	299	319	
1.75"	223	256	270	302	326	349	372	
2.00"	255	292	308	346	372	399	425	
2.25"	287	329	347	389	419	449	478	
2.50"	319	365	385	432	465	498	532	
2.75"	351	402	424	475	512	548	585	
3.00"	383	439	462	518	558	598	638	
3.50"	447	512	540	605	651	698	744	
4.00"	510	585	617	691	744	797	850	
5.00"	638	731	771	864	930	997	1063	
Gate Height	48	55	58	65	68	75	80	Density (Lbs./Ft ³)

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50 FOOT SWATH WITH 19L X 16.1 TIRES

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LOW SPEED SPROCKET							
Gate Height	Pounds Per Acre at Various Densities						
1.50"	62	71	75	84	88	97	104
1.75"	73	83	88	98	103	113	121
2.00"	83	95	100	112	117	130	138
2.25"	93	107	113	126	132	146	155
2.50"	104	119	125	140	147	162	173
2.75"	114	131	138	154	162	178	190
3.00"	124	143	150	168	176	194	207
3.50"	145	166	175	197	206	227	242
4.00"	166	190	200	225	235	259	276
5.00"	207	238	250	281	294	324	346
Gate Height	48	55	58	65	68	75	80
	Density (Lbs./Ft ³)						

HIGH SPEED SPROCKET							
Gate Height	Pounds Per Acre at Various Densities						
1.50"	153	175	185	207	217	239	255
1.75"	179	205	216	242	253	279	298
2.00"	204	234	247	276	289	319	340
2.25"	230	263	277	311	325	359	383
2.50"	255	292	308	346	361	399	425
2.75"	281	322	339	380	398	439	468
3.00"	306	351	370	415	434	478	510
3.50"	357	409	432	484	506	558	595
4.00"	408	468	493	553	578	638	680
5.00"	510	585	617	691	723	797	850
Gate Height	48	55	58	65	68	75	80
	Density (Lbs./Ft ³)						

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