Great Plains
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Seed and Small Seeds Rate Charts

The following pages are to assist in the proper setting of seeding rates for the 2700, 3000, and 3700 3-Point Drills.
The rates indicated in the charts are approximate values. To assure the most accurate seeding rate it is recommended that the drill be calibrated for the desired seed at the time of planting.

ORIGINAL INSTRUCTIONS

EN

Printed 08/25/2016

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Main Seed Box Planting

Calibrating the seeding rate requires four steps:

1. Arranging the drive sprockets,
2. Setting the seed-rate handle,
3. Positioning the seed-cup door, and
4. Checking the seed rate.

Refer to the seed rate charts beginning on page 5. These charts list the proper sprocket sizes and seed rate handle settings for various seeds and seeding rates.

The seed rate charts are based on cleaned, untreated seed of average size and test weight. The rates are based on 9.5L x 15 rib implement tires.

Many factors will affect seeding rates including foreign material, seed treatment, seed size, field conditions, tire pressure and test weight. Minor adjustments likely will be needed.

Set and check the seeding rate using the procedures on page 3, then adjust the rate as necessary.

Change Drive Sprockets

Refer to Figure 1

See the seed-rate charts to select the correct drive type. The drive types are 1, 1A, 2, and 2A.

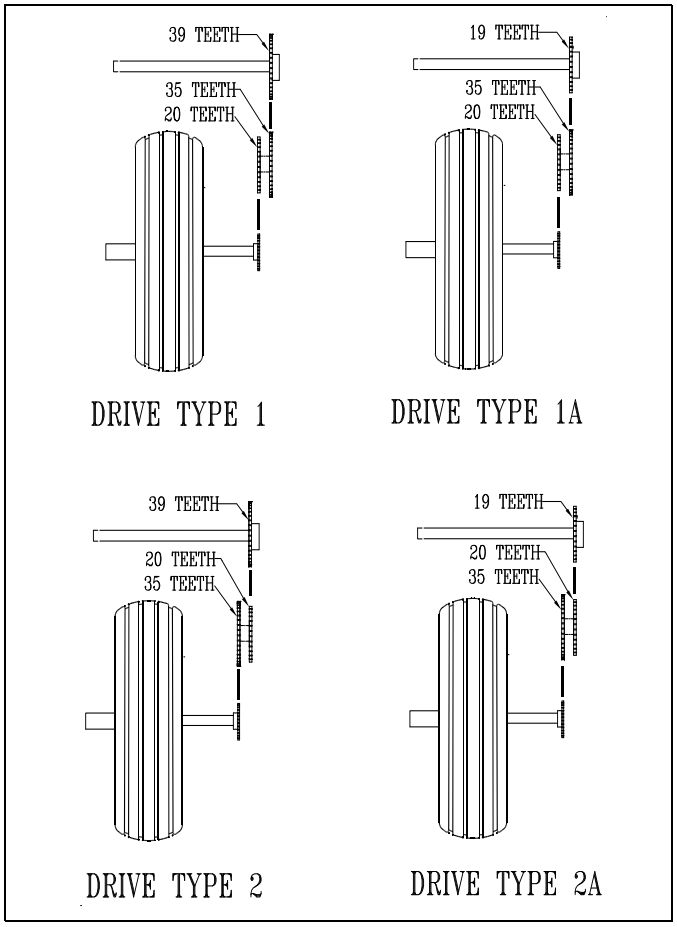

Figure 1
Drive Types
16400

To change the drive type

Refer to Figure 2

1. Loosen the idler-arm bolts and remove chains.
2. To change the double speed-change sprocket, remove nut and turn sprocket over

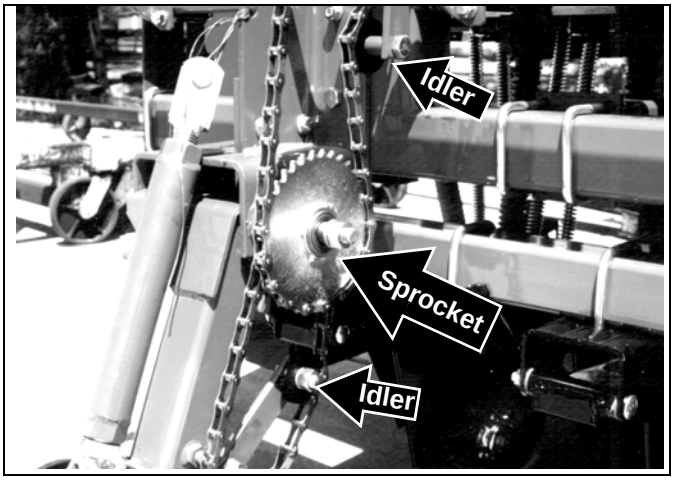

Figure 2
Double Speed-Change Sprocket
16409

Refer to Figure 3

3. To change the jackshaft sprocket, remove the set screws and slide the sprockets so the correct-sized sprockets are aligned. Reinsert set screws.

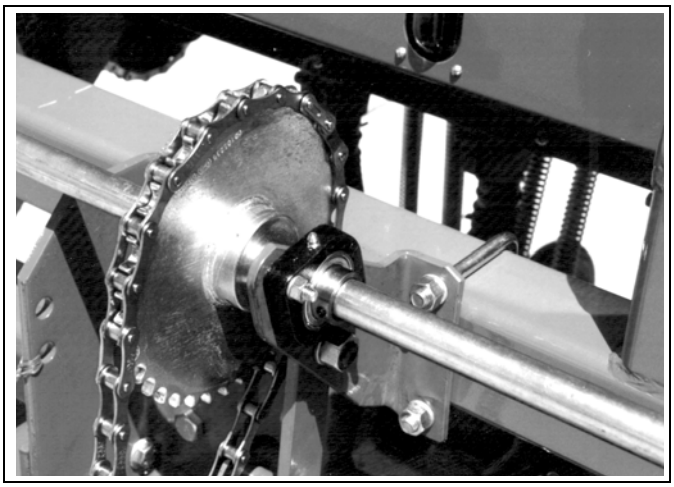

Figure 3
Jackshaft Sprocket
16412

4. Shorten or lengthen chains as necessary and reinstall chains. Be sure chain is installed with the chain connector link retainer towards the centerline and the clip opening (split end) is facing the opposite way of the chain travel.
5. Move the idler arms into chains. See Figure 4 for correct chain slack.

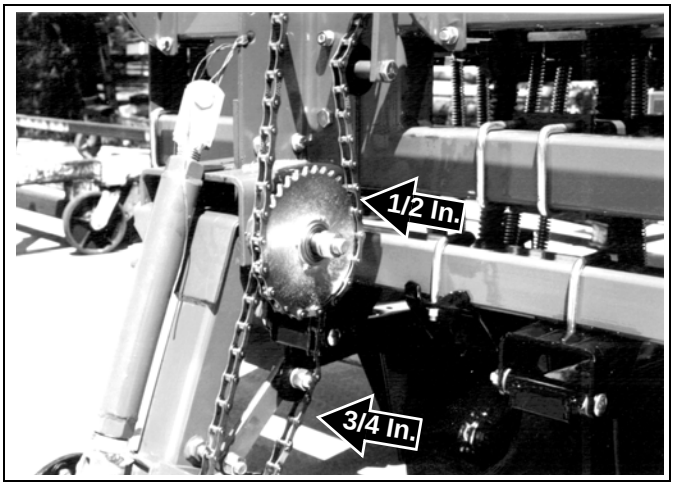

Figure 4
Chain Slack
16409

Set Seed-Rate Handle

Refer to Figure 5

Position each handle to the setting indicated on the seed rate chart.

To adjust each handles:

1. Loosen the wing nut (1) under the handle.
2. Slide the handle until the indicator (2) lines up with the correct setting.
3. Tighten the wing nut.

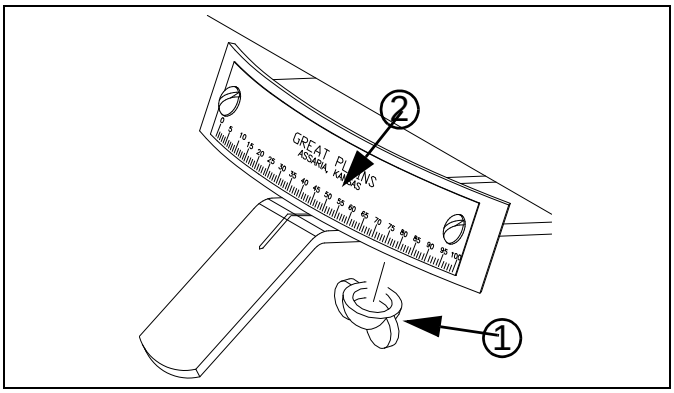

Figure 5
Seed Rate Handle
12927

Position Seed-Cup Doors

Refer to Figure 6

At each seed box seed tube, adjust the seed cup door handle for the seed size.

The seed cup door handle has three normal operating positions.

1. Top position is for smaller seeds. Use it for wheat and similar small seeds.
2. Middle position is for larger seeds. Use it for soybeans and similar larger seeds.
3. Bottom position is for oversize or fragile seeds. If you experience excessive cracking with the middle position, use the bottom position.

Make sure all handles are in the same position before drilling.

To clean out the seed cup, put the handle in the wide-open position.

Note: The wide-open position is for clean out only. If the handle is set in the wide-open position with seed loaded, it may be difficult to reset it to a normal operating position.

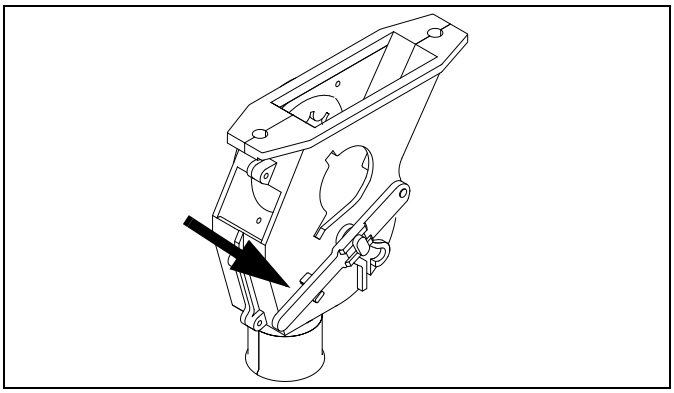

Figure 6
Seed Cup Door Handle

12927

Check Main Box Seed Rate

NOTICE

These seed rate charts are estimations of maximum seed rates. Actual result will vary based on conditions and machine maintenance. Maintain your machine regularly for optimum performance.

1. Record the weight of an empty container large enough to hold the seed metered for one acre.
2. Place several pounds of seed over three seed cups on an outside end of the drill box. Pull the seed tubes off these three openers.
3. Raise the drill off the ground.
4. Turn the gauge wheel a few turns to fill the cups with seed. Turn wheel until seed drops to the ground from all three cups.
5. Place a container under the three seed tubes to gather the seed as it is metered.
6. Turn the drive gauge wheel until one acre has been counted on the acremeter
   - 200 rotations on a 27-foot drill
   - 182 rotations on a 30-foot drill
   - 142 rotations on a 37-foot drill

   Check that the three seed cups have plenty of seed coming into them.

7. Calculate the seed rate
   - Weigh the metered seed and subtract the initial weight of the empty container.
   - Divide by three for the amount metered by each seed cup.
   - Multiply by the number of drill openers for the pounds-per-acre seeding rate.

   If this figure is different than desired, adjust the seed-rate handle and recheck the rate.
8. When drilling, note the acres drilled, amount of seed added, and level of seed in drill box. If you are seeding more or less than desired, adjust seeding rate slightly to compensate for field conditions.

$$\frac{\textit{metered seed weight} - \textit{empty container}}{3} = \textit{pounds per seed cup}$$

$$\textit{pounds per seed cup} \times \textit{number of openers} = \textit{pounds per acre}$$

Note: If your results vary greatly from the charts, you may want to repeat the calibration process.

Main Box Seed Box Rate Charts

Alfalfa or Rape

Drive Type 2	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	4	6	8	11	14	17	20	23	26	29	32	35	37	40	42	45	47	50	52	54
7 inch	0	3	5	7	10	13	15	18	20	23	25	28	30	32	34	37	39	41	43	45	46
7.5 inch	0	3	5	7	9	12	14	16	18	21	23	26	28	30	32	34	36	38	40	41	43
8 inch	0	3	4	6	8	11	13	15	17	19	22	24	26	27	29	31	33	35	36	38	39
10 inch	0	2	3	5	7	9	10	12	14	16	18	19	21	22	24	25	27	28	30	31	32

Barley
(based on 46.4 pounds/bushel)

Drive Type 1	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	0	7	14	20	27	33	39	44	50	55	62	68	75	82	88	93	99	102	105	107
7 inch	0	0	6	12	18	23	28	34	38	44	48	54	59	65	71	76	81	86	88	91	93
7.5 inch	0	0	6	11	16	21	26	31	36	40	44	50	55	60	66	70	75	79	81	84	86
8 inch	0	0	5	10	15	20	24	28	33	37	40	46	50	55	60	64	68	73	75	77	79
10 inch	0	0	4	8	12	16	20	23	27	30	33	37	41	45	49	53	56	59	61	63	64

Buckwheat

Drive Type 1	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	8	14	20	26	33	40	47	55	62	70	77	85	94	102	111	118	124	128	134	138
7 inch	0	7	12	17	22	29	34	40	47	54	61	67	73	81	88	97	102	107	111	116	120
7.5 inch	0	6	11	16	21	26	32	37	44	50	56	62	68	75	82	89	94	99	102	107	111
8 inch	0	6	10	15	19	24	29	34	40	45	51	57	62	69	75	82	86	91	94	98	101
10 inch	0	5	8	12	15	20	24	28	33	37	42	46	51	56	61	67	71	74	77	80	83

Flax or Sudan

Drive Type 2	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	2	4	6	9	12	14	16	19	21	24	26	29	32	35	38	42	45	47	47	48
7 inch	0	2	3	5	8	10	12	14	16	18	21	23	25	28	30	33	36	39	41	41	41
7.5 inch	0	2	3	5	7	9	11	13	15	17	19	21	23	26	28	30	33	36	37	38	38
8 inch	0	1	3	5	7	9	10	12	14	16	17	19	21	23	26	28	31	33	34	35	35
10 inch	0	1	2	4	5	7	8	10	11	13	14	16	18	19	21	23	25	27	28	28	29

Millet

Drive Type 2	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	3	5	7	10	12	15	18	21	24	26	30	32	36	39	43	47	50	52	53	53
7 inch	0	2	4	6	8	11	13	16	18	21	23	26	28	31	34	37	40	43	45	46	46
7.5 inch	0	2	4	6	8	10	12	14	17	19	21	24	26	29	31	34	37	40	42	42	42
8 inch	0	2	3	5	7	9	11	13	15	17	19	22	24	26	29	31	34	36	38	39	39
10 inch	0	2	3	4	6	7	9	11	13	14	16	18	19	21	23	26	28	30	31	32	32

Milo
(based on 62.4 pounds/bushel)

Drive Type 2	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	3	5	8	12	15	18	21	24	27	30	34	37	41	45	49	54	57	60	60	61
7 inch	0	2	4	7	10	12	15	18	21	24	26	29	32	36	39	42	46	50	52	52	53
7.5 inch	0	2	4	6	9	11	14	16	19	22	24	27	30	33	36	39	43	46	48	48	49
8 inch	0	2	3	6	8	10	13	15	18	20	22	25	27	30	33	36	39	42	44	44	45
10 inch	0	2	3	5	7	9	11	12	14	16	18	20	22	25	27	29	32	34	36	36	37

Oats or Safflower
(based on 39 pounds/bushel)

Drive Type 1	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	4	8	14	19	25	31	37	44	51	57	64	71	76	83	90	96	102	107	112	116
7 inch	0	4	7	12	16	22	27	32	38	44	49	55	61	66	72	78	83	88	93	97	100
7.5 inch	0	3	7	11	15	20	25	29	35	41	45	51	57	61	67	72	77	81	85	89	93
8 inch	0	3	6	10	14	19	23	27	32	37	41	47	52	56	61	66	70	75	78	82	85
10 inch	0	3	5	8	11	15	19	22	26	31	34	38	42	46	50	54	58	61	64	67	70

Peas

Drive Type 1	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	0	10	26	41	55	70	82	95	110	123	135	150	163	176	189	204	215	227	235	241
7 inch	0	0	8	23	35	48	61	71	82	96	107	117	130	141	152	164	177	186	197	204	209
7.5 inch	0	0	8	21	33	44	56	66	76	88	99	108	120	130	140	151	163	172	182	188	193
8 inch	0	0	7	19	30	40	51	60	69	81	90	99	110	120	129	139	149	158	167	172	177
10 inch	0	0	6	16	24	33	42	49	57	66	74	81	90	98	105	113	122	129	136	141	145

Pinto Beans
(based on 60 pounds/bushel)

Drive Type 2	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	0	0	4	7	12	16	20	24	28	32	36	41	44	48	53	56	60	63	64	65
7 inch	0	0	0	3	6	10	14	18	21	24	27	31	35	38	42	46	49	52	55	55	56
7.5 inch	0	0	0	3	6	9	13	16	19	22	25	29	32	35	39	42	45	48	50	51	52
8 inch	0	0	0	3	5	9	12	15	18	20	23	27	30	32	35	39	41	44	46	47	47
10 inch	0	0	0	2	4	7	10	12	14	17	19	22	24	27	29	32	34	36	38	38	39

Rice, Short Grain

Drive Type 1	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	7	13	18	23	30	35	42	46	51	57	62	66	74	83	90	98	103	107	112	115
7 inch	0	6	11	16	20	26	31	36	39	44	49	54	57	64	72	78	85	90	93	97	100
7.5 inch	0	6	10	14	19	24	28	33	36	41	45	50	53	59	66	72	78	83	85	90	92
8 inch	0	5	9	13	17	22	26	31	33	37	41	46	49	55	61	66	72	76	78	82	85
10 inch	0	4	8	11	14	18	21	25	27	31	34	37	40	45	50	54	59	62	64	67	69

Rice, Short Grain

Drive Type 1A	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	15	26	37	48	61	73	85	93	104	116	128	136	153	169	185	201	212	219	230	237
7 inch	0	13	23	32	42	53	63	74	81	91	101	111	118	132	147	160	175	184	190	199	205
7.5 inch	0	12	21	30	39	49	58	68	75	84	93	103	109	122	136	148	161	170	175	184	189
8 inch	0	11	19	27	35	45	53	63	69	77	85	94	100	112	124	136	148	156	161	169	174
10 inch	0	9	16	22	29	37	44	51	56	63	70	77	81	92	102	111	121	127	132	138	142

Rice, Long Grain

Drive Type 1	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	6	10	15	20	25	29	34	39	44	49	54	58	64	73	79	85	91	93	97	100
7 inch	0	5	9	13	17	21	25	30	34	38	42	47	50	56	63	69	74	78	81	84	87
7.5 inch	0	5	8	12	16	20	23	28	31	35	39	43	46	51	59	63	98	72	74	78	80
8 inch	0	4	8	11	14	18	21	25	29	32	36	40	42	47	54	58	63	66	68	71	74
10 inch	0	4	6	9	12	15	17	21	23	26	29	32	35	39	44	47	51	54	56	58	60

Rice, Long Grain

Drive Type 1A	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	12	21	31	40	50	60	71	80	91	100	110	119	132	150	162	175	185	191	200	206
7 inch	0	11	19	27	35	44	52	61	69	78	87	96	103	114	130	141	152	160	165	173	179
7.5 inch	0	10	17	25	32	40	48	57	64	72	80	89	95	105	120	130	140	148	153	160	165
8 inch	0	9	16	23	29	37	44	52	59	66	74	81	87	97	110	119	129	135	140	146	151
10 inch	0	7	13	18	24	30	36	42	48	54	60	66	71	79	90	97	105	111	115	120	124

Rye

Drive Type 2	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	3	6	8	11	14	16	18	20	23	25	28	30	33	36	38	40	42	43	46	47
7 inch	0	3	5	7	9	12	13	16	18	20	22	24	26	29	31	33	35	36	38	40	41
7.5 inch	0	3	5	7	9	11	12	14	16	18	20	22	24	27	29	31	32	34	35	36	38
8 inch	0	2	4	6	8	10	11	13	15	17	19	20	22	24	26	28	29	31	32	33	34
10 inch	0	2	4	5	7	8	9	11	12	14	15	17	18	20	21	23	24	25	26	27	28

Soybeans
(based on 59.1 pounds/bushel)

Drive Type 1	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	0	0	0	30	40	55	70	84	98	113	127	140	154	166	176	188	200	204	207	209
7 inch	0	0	0	0	26	35	48	61	72	85	98	110	122	133	144	153	163	173	177	180	181
7.5 inch	0	0	0	0	24	32	44	56	67	79	91	101	112	123	132	141	150	160	164	166	167
8 inch	0	0	0	0	22	30	40	51	61	72	83	93	103	113	121	129	138	147	150	152	153
10 inch	0	0	0	0	18	24	33	42	50	59	68	76	84	92	99	106	113	120	123	124	125

Soybeans
(based on 59.1 pounds/bushel)

Drive Type 2	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	0	0	0	10	13	18	23	27	32	37	41	46	50	54	57	61	65	67	68	68
7 inch	0	0	0	0	8	11	16	20	24	28	32	36	40	43	47	50	53	57	58	59	59
7.5 inch	0	0	0	0	8	11	14	18	22	26	30	33	37	40	43	46	49	52	53	54	55
8 inch	0	0	0	0	7	10	13	17	20	24	27	30	34	37	40	42	45	48	49	50	50
10 inch	0	0	0	0	6	8	11	14	16	19	22	25	27	30	32	34	37	39	40	41	41

Soybeans
(based on 59.1 pounds/bushel)

Drive Type 2A	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	0	0	0	20	27	37	47	56	66	76	85	94	103	111	118	126	134	137	139	140
7 inch	0	0	0	0	17	23	32	41	49	57	66	73	81	89	96	103	110	116	119	121	122
7.5 inch	0	0	0	0	16	22	30	37	45	53	61	68	75	82	89	95	101	107	110	111	112
8 inch	0	0	0	0	15	20	27	34	41	48	56	62	69	75	82	87	93	98	101	102	103
10 inch	0	0	0	0	12	16	22	28	34	40	45	51	56	62	67	71	76	80	82	84	84

Sunflowers
(based on 28.9 pounds/bushel)

Drive Type 2	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	0	0	2	3	4	6	8	9	11	14	15	17	19	20	23	24	26	27	28	29
7 inch	0	0	0	2	3	3	5	7	8	10	12	13	15	16	18	20	21	22	23	24	25
7.5 inch	0	0	0	1	3	3	5	6	8	9	11	12	14	15	16	18	19	21	21	22	23
8 inch	0	0	0	1	2	3	5	6	7	8	10	11	12	14	15	17	18	19	20	20	21
10 inch	0	0	0	1	2	3	4	5	6	7	8	9	10	11	12	14	14	15	16	17	17

Wheat
(based on 60 pounds/bushel)

Drive Type 1	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	11	20	28	37	47	55	65	75	85	96	106	116	129	140	153	161	170	175	184	189
7 inch	0	10	17	24	32	40	48	56	65	73	83	92	100	111	121	132	140	147	152	159	164
7.5 inch	0	9	16	23	29	37	44	52	60	68	77	85	93	103	112	122	129	136	140	147	152
8 inch	0	8	15	21	27	34	40	48	55	62	70	78	85	94	103	112	118	124	129	135	139
10 inch	0	7	12	17	22	28	33	39	45	51	58	64	70	77	84	92	97	102	105	110	114

Wheat
(based on 60 pounds/bushel)

Drive Type 2A	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	8	13	19	25	31	37	44	50	57	64	71	78	86	94	102	108	114	117	123	127
7 inch	0	7	11	16	21	27	32	38	44	46	56	62	67	75	81	89	94	99	102	107	110
7.5 inch	0	6	11	15	20	25	30	35	40	45	52	57	62	69	75	82	86	91	94	99	102
8 inch	0	6	10	14	18	23	27	32	37	42	47	52	57	63	69	75	79	83	86	90	93
10 inch	0	5	8	11	15	19	22	26	30	34	39	43	47	52	56	61	65	68	70	74	76

Wheat Grass

Drive Type 2	Seed Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seed Rate in Pounds Per Acre																				
6 inch	0	1	2	2	3	4	4	5	6	7	8	9	9	10	11	12	13	14	14	15	15
7 inch	0	1	1	2	3	3	4	5	5	6	7	8	8	9	10	11	11	12	12	13	13
7.5 inch	0	1	1	2	2	3	4	4	5	6	6	7	8	8	9	10	10	11	11	12	12
8 inch	0	1	1	2	2	3	3	4	4	5	6	6	7	8	8	9	10	10	10	11	11
10 inch	0	1	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	9

Small Seeds Attachment (27 ft and 30 ft)

Change Small Seeds Drive Sprockets

Arrange the sprockets on the small-seeds attachment according to which drive type you will use on the main drill box.

Note: For accurate metering on the small seeds attachment, the main drill box sprockets must be set to drive type 1, 2, or 2A.

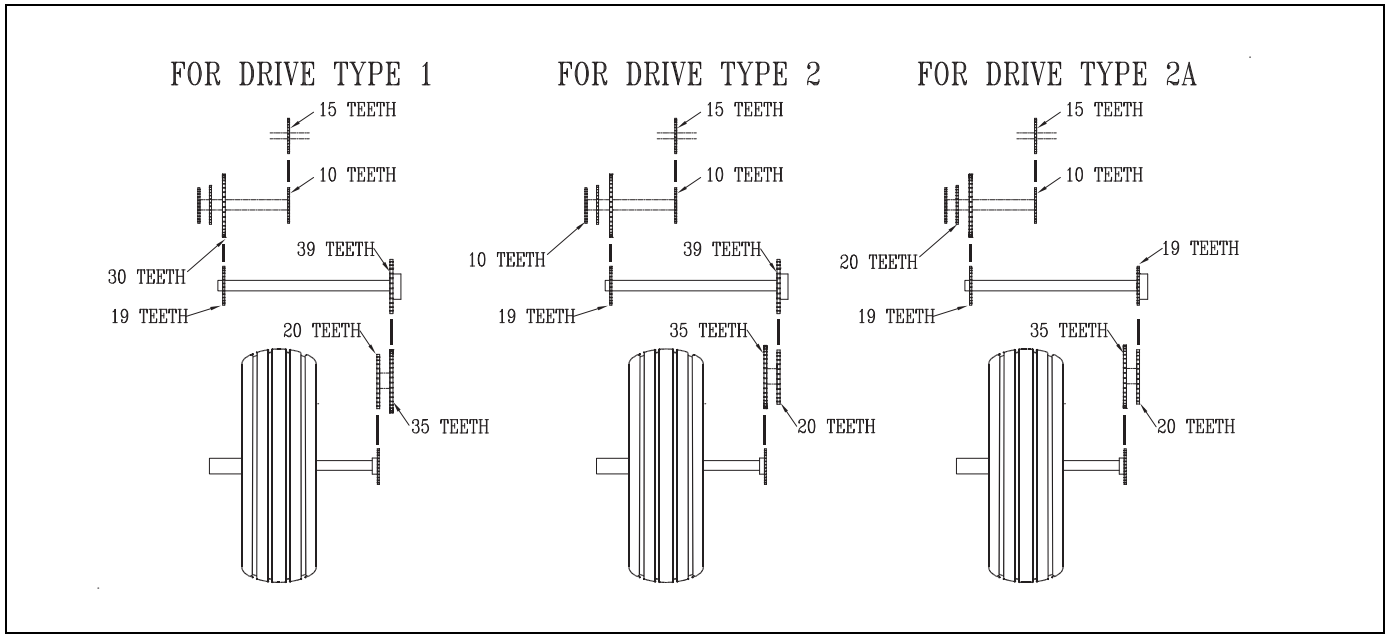

Figure 7 16399
Small Seeds Sprocket Arrangements

Set Small Seeds Rate Handle

Position each small seeds rate handle to the setting indicated on the Small Seeds Seed Rate Chart.

To adjust:

1. Loosen the wing nut under the small seeds rate handle.
2. Slide the handle until indicator lines up with the correct setting.
3. Tighten wing nut.

Check Small Seeds Rate

The small seeds rate charts are based on cleaned, untreated seed of average size and test weight. The rates are based on 9.5L x 15 rib implement tires.

Many factors will affect seeding rates including foreign material, seed treatment, seed size, field conditions, tire pressure and test weight. Minor adjustments likely will be needed.

Set and check the seeding rate using the following procedure, then adjust the rate as necessary.

Note: Seeding rates will vary with variations of seed size. The seeding rates listed are based on an average seed size. Test and adjust your drill using the procedure below to help ensure an accurate seeding rate.

1. Record the weight of an empty container large enough to hold the seed metered for one acre.
2. Place several pounds of seed over three small seeds cups on an outside end of the small seeds box. Pull the seed tubes off these three openers.
3. Raise the drill off the ground.
4. Turn the gauge wheel a few turns to fill the cups with seed. Turn wheel until seed drops to the ground from all three cups.
5. Place a container under the three seed tubes to gather the seed as it is metered.
6. Turn the drive gauge wheel until one acre has been counted on the acremeter
   - 200 rotations on a 27-foot drill
   - 182 rotations on a 30-foot drill
   - 142 rotations on a 37-foot drill

   Check that the three small seeds cups have plenty of seed coming into them.
7. Calculate the small seeds rate:
   - Weigh the metered seed and subtract the initial weight of the empty container.
   - Divide by three for the amount metered by each seed cup.
   - Multiply by the number of drill openers for the pounds-per-acre seeding rate.

   If this figure is different than desired, adjust the small seeds rate handle and recheck the rate.
8. When drilling, note the acres drilled, amount of seed added, and level of seed in drill box. If you are seeding more or less than desired, adjust seeding rate slightly to compensate for field conditions.

$$\frac{\textit{metered seed weight} - \textit{empty container}}{3} = \textit{pounds per seed cup}$$

$$\textit{pounds per seed cup} \times \textit{number of openers} = \textit{pounds per acre}$$

Note: If your results vary greatly from the charts, you may want to repeat the calibration process.

Small Seeds Rate Charts

Alfalfa, Red Alsike, Crimson Clover

	Small Seeds Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seeding Rate in Pounds per Acre																				
6 inch	0	0.0	2.2	3.5	4.8	6.0	7.5	8.7	9.8	11.2	12.5	13.8	15.1	16.4	17.5	18.6	20.2	21.4	22.9	24.0	25.2
7 inch	0	0.0	1.9	3.0	4.1	5.1	6.4	7.5	8.4	9.5	10.8	11.8	12.9	14.0	15.0	16.3	17.3	18.3	20.0	20.6	21.6
7.5 inch	0	0.0	1.8	2.8	3.9	4.8	6.0	7.0	7.9	9.0	10.0	11.1	12.1	13.2	14.0	15.3	16.2	17.2	18.3	19.3	20.3
8 inch	0	0.0	1.6	2.6	3.6	4.5	5.6	6.6	7.4	8.4	9.4	10.3	11.3	12.3	13.0	13.1	15.2	16.1	17.1	18.0	18.9
10 inch	0	0.0	1.3	2.1	2.8	3.5	4.4	5.1	5.8	6.6	7.4	8.1	8.9	9.7	10.3	11.2	11.9	12.6	13.4	14.2	14.9

Bermuda, Red Top, Unhulled Lespedeza, Sercia, Sand, and Weeping Love Grass

	Small Seeds Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seeding Rate in Pounds per Acre																				
6 inch	0	0.0	0.7	1.1	1.7	2.6	3.3	4.1	5.0	5.9	6.6	7.2	7.8	8.4	9.0	9.5	10.2	10.9	11.6	12.2	12.9
7 inch	0	0.0	0.6	0.9	1.5	2.2	2.8	3.6	4.3	5.1	5.6	6.2	6.7	7.1	7.7	8.1	8.7	9.4	10.0	10.5	11.0
7.5 inch	0	0.0	0.5	0.9	1.4	2.1	2.6	3.3	4.0	4.7	5.3	5.8	6.3	6.7	7.2	7.6	8.2	8.8	9.3	9.8	10.4
8 inch	0	0.0	0.5	0.8	1.3	2.0	2.5	3.1	3.8	4.4	4.9	5.4	5.9	6.5	6.7	7.1	7.6	8.2	8.7	9.2	9.7
10 inch	0	0.0	0.4	0.6	1.0	1.5	1.9	2.4	3.0	3.5	3.9	4.2	4.6	4.9	5.3	5.6	6.0	6.4	6.8	7.2	7.6

Bird’s-foot Trefoil, Sudan

	Small Seeds Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seeding Rate in Pounds per Acre																				
6 inch	0	0.0	1.7	3.3	5.2	6.8	8.7	10.7	12.7	14.7	16.8	19.2	21.2	23.4	25.6	28.0	29.9	32.1	34.2	36.3	38.4
7 inch	0	0.0	1.5	2.8	4.5	5.8	7.5	9.2	10.9	12.5	14.4	16.5	18.2	20.0	21.9	24.0	25.6	27.5	29.0	31.1	32.9
7.5 inch	0	0.0	1.4	2.6	4.2	5.4	7.0	8.6	10.2	11.9	13.5	15.4	17.0	18.8	20.5	22.5	24.0	25.8	27.6	29.1	30.9
8 inch	0	0.0	1.3	2.5	3.9	5.1	6.6	8.1	9.5	11.0	12.6	14.4	15.9	17.5	19.2	21.0	22.4	24.1	25.7	27.2	28.8
10 inch	0	0.0	1.0	1.9	3.1	4.0	5.1	6.3	7.5	8.6	9.9	11.3	12.5	13.8	15.1	16.5	17.6	18.9	20.2	21.4	22.7

Kentucky Blue Grass, Fescue, Annual Rye Grass

	Small Seeds Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seeding Rate in Pounds per Acre																				
6 inch	0	0.0	0.2	1.2	1.9	2.7	3.3	4.1	4.6	5.2	5.8	6.3	6.8	7.3	7.8	8.3	8.8	9.2	9.7	10.0	10.5
7 inch	0	0.0	0.2	1.0	1.6	2.3	2.8	3.5	4.0	4.5	5.0	5.4	5.9	6.3	6.7	7.1	7.5	7.9	8.0	8.6	9.0
7.5 inch	0	0.0	0.2	0.9	1.5	2.2	2.7	3.3	3.7	4.2	4.6	5.1	5.5	5.9	6.3	6.7	7.0	7.4	7.7	8.1	8.4
8 inch	0	0.0	0.2	0.9	1.4	2.0	2.5	3.0	3.5	3.9	4.3	4.8	5.1	5.5	5.9	6.2	6.6	6.9	7.5	7.5	7.9
10 inch	0	0.0	0.1	0.7	1.1	1.6	2.0	2.4	2.7	3.1	3.4	3.7	4.0	4.3	4.6	4.9	5.2	5.4	5.7	5.9	6.2

Ladino Clover, Canary Grass, Timothy, Canola

	Small Seeds Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seeding Rate in Pounds per Acre																				
6 inch	0	0.0	1.1	2.1	3.3	4.7	6.1	7.6	9.2	10.7	12.2	13.8	15.5	17.0	18.5	20.3	21.7	23.4	25.4	27.3	29.2
7 inch	0	0.0	0.9	1.7	2.8	4.1	5.2	6.6	7.9	9.2	10.5	11.8	13.3	14.6	15.9	17.4	18.7	20.0	22.0	23.4	25.1
7.5 inch	0	0.0	0.9	1.6	2.6	3.9	4.9	6.1	7.4	8.6	9.8	11.1	12.5	13.7	14.9	16.3	17.6	18.8	20.4	21.9	23.5
8 inch	0	0.0	0.8	1.5	2.5	3.6	4.6	5.7	6.9	8.0	9.2	10.3	11.6	12.8	13.9	15.2	16.4	17.5	19.0	20.5	21.9
10 inch	0	0.0	0.6	1.5	1.9	2.5	3.6	4.5	5.4	6.3	7.2	8.1	9.1	10.0	10.9	12.0	12.9	13.8	14.9	16.1	17.2

Millet, Reed Canary

	Small Seeds Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seeding Rate in Pounds per Acre																				
6 inch	0	0.4	1.4	2.4	3.5	4.4	5.5	6.5	7.5	8.5	9.5	10.5	11.5	12.5	13.6	14.6	15.6	16.6	17.6	18.5	19.0
7 inch	0	0.4	1.2	2.1	3.0	3.8	4.7	5.6	6.4	7.3	8.1	9.0	9.9	10.7	11.6	12.5	13.3	14.2	15.1	15.9	16.1
7.5 inch	0	0.3	1.2	2.0	2.8	3.6	4.4	5.2	6.0	6.8	7.6	8.4	9.3	10.1	10.9	11.7	12.5	13.3	14.1	14.9	15.1
8 inch	0	0.3	1.1	1.8	2.6	3.3	4.1	4.9	5.6	6.4	7.1	7.9	8.6	9.4	10.2	10.9	11.7	12.4	13.2	13.9	14.1
10 inch	0	0.3	0.8	1.4	2.0	2.6	3.2	3.8	4.4	5.0	5.6	6.2	6.8	7.4	8.0	8.6	9.2	9.8	10.4	10.9	11.5

Orchard Grass

	Small Seeds Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seeding Rate in Pounds per Acre																				
6 inch	0	0.0	0.0	0.3	0.7	0.9	1.3	1.5	2.0	2.4	2.8	3.3	3.5	3.9	4.4	4.8	5.0	5.5	5.7	6.1	6.3
7 inch	0	0.0	0.0	0.2	0.6	0.7	1.1	1.3	1.7	2.1	2.4	2.8	3.0	3.4	3.7	4.1	4.3	4.7	5.0	5.2	5.4
7.5 inch	0	0.0	0.0	0.2	0.5	0.7	1.1	1.2	1.6	1.9	2.3	2.6	2.8	3.2	3.5	3.9	4.0	4.4	4.6	4.9	5.1
8 inch	0	0.0	0.0	0.2	0.5	0.7	1.0	1.1	1.5	1.8	2.1	2.5	2.6	2.9	3.3	3.6	3.8	4.1	4.3	4.6	4.8
10 inch	0	0.0	0.0	0.1	0.4	0.5	0.8	0.9	1.2	1.4	1.7	1.9	2.1	2.3	2.6	2.8	3.0	3.2	3.3	3.6	3.7

Red and Sweet Clover, Lespedeza Hulled

	Small Seeds Rate Handle Setting																				
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Rows	Seeding Rate in Pounds per Acre																				
6 inch	0	0.0	1.5	3.4	5.2	7.1	9.0	11.3	13.2	15.3	17.0	19.0	20.8	22.5	24.5	26.4	28.3	30.1	32.1	33.8	35.6
7 inch	0	0.0	1.3	2.9	4.5	6.1	7.7	9.7	11.3	13.1	14.6	16.3	17.8	19.3	21.0	22.7	24.6	25.8	27.5	29.0	30.5
7.5 inch	0	0.0	1.2	2.7	4.2	5.7	7.2	9.1	10.6	12.3	13.7	15.3	16.7	18.1	19.7	21.2	22.7	24.2	25.8	27.2	28.6
8 inch	0	0.0	1.1	2.5	3.9	5.3	6.7	8.5	9.9	11.5	12.8	14.3	15.6	16.9	18.3	19.8	21.2	22.6	24.1	25.4	26.7
10 inch	0	0.0	0.9	2.0	3.1	4.2	5.3	6.7	7.8	9.0	10.0	11.2	12.2	13.3	14.4	15.6	16.6	17.8	18.9	19.9	20.9

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