adjustment as outlined above. continued

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EarthWay_® Flex-Select_® **Calibration and Setup Techniques**

How to Install a Tray

First ensure the hopper is clean and there is no debris trapped around the tray mounting area. Secondly install the Pivot Rod Clip
into the Shut-off of the selected Tray . Next, insert the Pivot Rod into the Clip . TIP: The Clip may have a burr in the hole, use a Phillips screwdriver to remove the burr. See@ to make installing the Pivot Rod@ easier. Pliers may be required to help squeeze the Pivot Rod@into the Clip^①. When the Rod^② is secure inside the Clip **0** push the free end of the Clip **0** over the Pivot Rod **2** to firmly secure the rod to the clip. Next, install the Tray S from the top downwards into the hopper (see figure **9**) positioning the center hole of the tray over the Pinion Shaft from the gear box with the Pivot Rod through the bottom of the hopper and facing toward the spreader's handlebar. For ease of locating into position the shut-off of the chosen tray is best in the open position, with the exception of the red Standard-Output Tray where the two adjustable throwing ports are best in the closed position.

NOTE: The gearbox can be moved along the axle to ease the lining up of the tray hole and the pinion shaft. Once the tray is in place check that the tray is sealed and flush against the hopper sides. To check if the tray is properly located, push the tray edges downwards. Install the two quarter turn fasteners (see figure **6**) through the two exposed tray holes and push down and twist a quarter turn to secure.

Lastly, connect the free end of the Pivot Rod into the Pivot linkage at the bottom of the Control Rod. Position the Clip¹ into the free hole and push the Pivot Rode into the clip. **TIP:** The Clipe may have a burr in the hole, use a Phillips screwdriver to remove the burr (see figure 4) When the Pivot Rod 2 is positioned inside the Clip **0** push the free end of the Clip **0** over the Pivot Rod **2** to firmly secure the rod and the clip together.

How to ensure your spreader is properly calibrated

HIGH-OUTPUT and LOW-OUTPUT Trays: Make sure the drop holes in the bottom of the hopper are FULLY **CLOSED** when the Rate Control Lever is resting on the Stop #0. If the shut-off is not set correctly, please adjust Control Rod at the Pivot to position the shut-off for FULLY CLOSED at position at the Stop #0 on the Rate Control Lever.

Calibration Adjustment

Review the Control Lever position to confirm that it is set so that the forward edge of the Lever is resting at #0 (the stop) and the drop holes are closed. Move the spreader back & forth to ensure that the cam is positioned to allow the Oscillating Shut-off to close fully. If the shut-off is not properly positioned, you will need to adjust the Control Rod at the Pivot Bracket shown below. **TIP:** If your shut-off is not able to **CLOSE** fully, loosen the top nut a few

turns, then tighten the lower nut so that it allows you to push the **shut-off fully closed**. Next, tighten each nut so that they contact the pivot bracket without moving it, and then carefully tighten each nut fully so they do not loosen during use. Recheck





How to ensure your spreader is properly calibrated - continued

STANDARD-OUTPUT Tray: Make sure the drop holes in the bottom of the hopper are **FULLY OPEN** when the Rate Control handle is on #30. If the shut-off is not set correctly, please adjust Control Rod at the Pivot to position the shut-off for **FULLY OPEN** hopper position at #30 on the Rate Control Lever.

Calibration Adjustment

Review the Control Lever position to confirm that it is set so that the rear edge of the Lever is resting at #30 (the stop) and the drop holes are open. If the shut-off is not properly positioned, you will need to adjust the Control Rod at the Pivot Bracket shown below. **TIP:** If your shut-off is not able to **OPEN** fully, loosen the bottom nut a few turns, then tighten the upper nut so that it allows you to push the **shut-off fully open**. Next, tighten each nut so that they contact the pivot bracket without moving it, and then carefully tighten each nut fully so they do not loosen during use. Recheck adjustment as outlined above.



#30

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If you have any questions regarding the operation or assembly of your spreader please call us at 800-294-0671 or 574-848-7491 Monday - Friday 9:00am - 4:00pm Eastern, or visit www.earthway.com for more information



FLEX-SELECT_® BROADCAST SPREADER SETTING MATRIX

GRANULAR MATERIAL

STANDARD-OUTPU	IT Red Tray									
PARTICLE SIZES:	Fine/Small → (SAND)			Medium → (HALF BB)			Large → (BB) Ice Melt		RC I	
LBS. PER 1,000		SPREAD	SPREAD		SPREAD	SPREAD		SPREAD	SPREAD	
SQUARE FEET	SETTING	WIDTH FT	METERS	SETTING	WIDTH FT	METERS	SETTING	WIDTH FT	METERS	_
1 LB.	7	18'	5.5m	9	24'	7.3m	14	36'	11m	
2 LBS.	10	18'	5.5m	13	24'	7.3m	18	36'	11m	
3 LBS.	13	18'	5.5m	16	24'	7.3m	23	36'	11m	
4 LBS.	14	18'	5.5m	20	24'	7.3m	27	36'	11m	
5 LBS.	16	18'	5.5m	22	24'	7.3m	30	36'	11m	
6 LBS.	18	18'	5.5m	25	24'	7.3m	23 = 2 pass	36'	11m	
7 LBS.	20	18'	5.5m	27	24'	7.3m	25 = 2 pass	36'	11m	
8 LBS.	22	18'	5.5m	28	24'	7.3m	27 = 2 pass	36'	11m	
9 LBS.	24	18'	5.5m	30	24'	7.3m	28 = 2 pass	36'	11m	
10 LBS.	26	18'	5.5m	22 = 2 pass	24'	7.3m	30 = 2 pass	36'	11m	
GRASS SEED				Ì						-
LBS. PER 1,000	FINE	SPREAD	SPREAD	COARSE	SPREAD	SPREAD	Calibra	tion: Start	by ensuring	that your spreader calibration is
SQUARE FEET	SETTING	WIDTH FT	METERS	SETTING	WIDTH FT	METERS	correct.	Make sure t	he drop hole	es in the Standard-Output
2 LBS.	14	8'	2.4m	22	14'	4.3m	Tray are	fully open	when the Ra	ate Control handle is on #30 If
3 LBS.	16	8'	2.4m	25	14'	4.3m	not pleas	se adjust co	ntrol rod at	the pivot to allow for a full open
4 LBS>	18	8'	2.4m	28	14'	4.3m	honner h	oles with the	e handle at	position at #30
5 LBS>	20	8'	2.4m	30	14'	4.3m	hopper in		o nanalo ut	poolition at noo.

GRANULAR MATERIAL

LOW-OUTPUT B PARTICLE SIZES:	Ilack Tray Fine/Small → (SAND)			Medium → (HALF BB)			
LBS. PER 1,000		SPREAD	SPREAD		SPREAD	SPREAD	
SQUARE FEET	SETTING	WIDTH FT	METERS	SETTING	WIDTH FT	METERS	
1 LB.	8	16'	4.9m	10	20'	6.1m	
2 LBS.	10	16'	4.9m	13	20'	6.1m	
3 LBS.	12	16'	4.9m	18	20'	6.1m	
4 LBS.	13	16'	4.9m	20	20'	6.1m	
5 LBS.	16	16'	4.9m	22	20'	6.1m	
6 LBS.	18	16'	4.9m	25	20'	6.1m	
7 LBS.	20	16'	4.9m	27	20'	6.1m	
8 LBS.	21	16'	4.9m	29	20'	6.1m	
9 LBS.	23	16'	4.9m	30	20'	6.1m	
10 LBS.	24	16'	4.9m	22 = 2 pass	20'	6.1m	
GRASS SEED	0			Ì			Calibration: Start by ensuring that your spreader calibration is
LBS. PER 1,000	FINE	SPREAD	SPREAD	COARSE	SPREAD	SPREAD	correct. Make sure the drop holes in the LOW-OUTPUT TRAY
SQUARE FEET.	SETTING	WIDTH FT	METERS	SETTING	WIDTH FT	METERS	are fully closed when the Rate Control Handle is resting on the
2 LBS.	15	9'	2.7m	21	15'	4.6m	stop #U . If not, please adjust control rod at the pivot to ensure the
3 LBS.	18	9'	2.7m	24	15'	4.6m	snut-off is fully closed with the handle at position at #0 . Move
4 LBS.	21	9'	2.7m	27	15'	4.6m	the spreader slightly to confirm the calibration because of the
51 BS	24	9'	2.7m	30	15'	4 6m	cam.

GRANULAR MATERIAL

HIGH-OUTPUT Lt. Blue 2-hole Tray										
PARTICLE SIZES:	(BB)			ROCK SALT						
LBS. PER 1,000		SPREAD	SPREAD		SPREAD	SPREAD				
SQUARE FEET.	SETTING	WIDTH FT	METERS	SETTING	WIDTH FT	METERS				
1 LB.	7	28'	8.5m	8	26'	7.9m				
2 LBS.	10	28'	8.5m	11	26'	7.9m				
3 LBS.	12	28'	8.5m	13	26'	7.9m	Calibration: Start by ensuring that your spreader calibration is			
4 LBS.	14	28'	8.5m	14	26'	7.9m	correct. Make sure the drop holes in the HIGH-OUTPUT TRAY			
5 LBS.	15	28'	8.5m	15	26'	7.9m	are fully closed when the Rate Control Handle is resting on the			
6 LBS.	17	28'	8.5m	16	26'	7.9m	stop #0. If not, please adjust control rod at the pivot to ensure the			
7 LBS.	20	28'	8.5m	17	26'	7.9m	shut-off is fully closed with the handle at position at #0 . Move			
8 LBS.	21	28'	8.5m	18	26'	7.9m	the spreader slightly to confirm the calibration because of the			
9 LBS.	23	28'	8.5m	19	26'	7.9m	cam.			
10 LBS.	24	28'	8.5m	21	26'	7.9m				
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FLEX-SELECT[®] BROADCAST SPREADER SETTING MATRIX

GRANULAR MATERIAL

Metre

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STANDARD-OUTPUT Tray										
PARTICLE SIZES:	Fine/Small → (SAND)			Medium → (HALF BB)			Large ➔ (BB) Ice Melt			
Grams PER Square Metre	SETTING	WIDTH FT	METRES	SETTING	WIDTH FT	METRES	SETTING	WIDTH FT	METRES	
5	7	18	5.5	9	24	7.3	14	36	11.0	
10	10	18	5.5	13	24	7.3	18	36	11.0	
15	13	18	5.5	16	24	7.3	23	36	11.0	
20	14	18	5.5	20	24	7.3	27	36	11.0	
24	16	18	5.5	22	24	7.3	30	36	11.0	
29	18	18	5.5	25	24	7.3	23 x 2 pass	36	11.0	
34	20	18	5.5	27	24	7.3	25 x 2 pass	36	11.0	
39	22	18	5.5	28	24	7.3	27 x 2 pass	36	11.0	
44	24	18	5.5	30	24	7.3	28 x 2 pass	36	11.0	
49	26	18	5.5	22 x 2 pass	24	7.3	30 x 2 pass	36	11.0	
GRASS SEED				T			_			
Grams PER Square Metre	FINE SETTING	SPREAD WIDTH FT	SPREAD METRES	COARSE SETTING	SPREAD WIDTH FT	SPREAD METRES	Calibra	tion: Start	by ensuring	that your spreader calibration is
10	14	8	2.4	22	14	4.3	Tray are	fully open y	when the Ra	ate Control handle is on #30 If
15	16	8	2.4	25	14	4.3		nully open o	when the ite	the pivet to allow for a full open
20	18	8	2.4	28	14	4.3	hoppor b	aujust co	o bondlo at	nosition at #20
25	20	8	2.4	30	14	4.3	nopper n		e nanule at	position at #50.
GRANULAR N	IATERIAL									
LOW-OUTPUT E	Black Tray					1				
PARTICLE SIZES:	Fine/Small >			Medium ->						
Grams PER Square	(SAND)	SPREAD	SPREAD		SPREAD	SPREAD				
- Wietre	0	16	4.0	10	20	6 1	7			
10	0	16	4.9	10	20	6.1	4			
15	10	16	4.9	13	20	6.1	1			
20	13	16	4.9	20	20	6.1	-			
24	16	16	4.9	22	20	6.1				
29	18	16	4.9	25	20	6.1				
34	20	16	4.9	27	20	6.1	1			
39	21	16	4.9	29	20	6.1	-			
44	23	16	4.9	30	20	6.1				
49	24	16	4.9	22 x 2 pass	20	6.1				
GRASS SEED	0			>			Callbra	tion: Start	by ensuring	that your spreader calibration is
Grams PER Square	FINE	SPREAD	SPREAD	COARSE	SPREAD	SPREAD	correct.	Make sure	the drop hol	es in the <i>LOW-OUTPUT TRAY</i>
Metre	SETTING	WIDTH FT	METRES	SETTING	WIDTH FT	METRES	are fully	closed whe	en the Rate	Control Handle is resting on the
10	15	9	27	21	15	4.6	stop #0.	If not, plea	se adjust co	ontrol rod at the pivot to ensure the
15	18	9	2.7	24	15	4.6	shut-off is	s fully clos	ed with the	handle at position at #0 . Move
20	21	9	2.7	27	15	4.6	the sprea	ider slightly	to confirm t	he calibration because of the
25	24	9	2.7	30	15	4.6	cam.			
GRANULAR M	IATERIAL			-						
HIGH-OUTPUT 2-hole T	Lt. Blue		5		Carloan					
PARTICLE SIZES:	Large → (BB) Ice Melt			EXTRA LAR	GE 🗲					
Grams PER Square		SPREAD	SPREAD		SPREAD	SPREAD				
Metre	SETTING	WIDTH FT	METRES	SETTING	WIDTH FT	METRES				

Calibration: Start by ensuring that your spreader calibration is correct. Make sure the 2 drop holes in the **HIGH-OUTPUT TRAY** are **fully closed** when the Rate Control Handle is resting on the **stop #0**. If not, please adjust control rod at the pivot to ensure the shut-off is **fully closed** with the handle at position at **#0**. Move the spreader slightly to confirm the calibration because of the

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