



AGRIDRY GRAIN SPREADER

OPERATORS REFERENCE



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Grain Spreader Adjustments

It is recommended to adjust the spreader early during the first grain load into an empty bin. It is best to adjust the spreader when you can see how the grain is flowing at your current bph for the best results. The objective is to center the flow and set the leveling band so that the grain overflows in most applications (see below). After each adjustment, pause and watch the grain flow into the bin. You will see the results of your adjustment on the bin floor. If the grain is level and evenly distributed, you have successfully adjusted the spreader. For best results, continue loading the rest of the bin at the same speed.

Leveling Band Recommendations

These measurements are recommended and changes will be necessary as applicable to your particular application. If there is too much grain in the middle of the bin, raise the leveling band as needed.

- 1,000bph or less with tivar insert - set 2" up and do not overflow leveling band
- 1,000bph or less no tivar insert - set 0" up and allow grain to overflow
 - Raise the leveling band to clear grain once the bin is full.
- 3,000-4,000bph (10" Auger) - set 1" up
- 7,000 - 8,000bph (13" auger) - set 1.5" up
- 15,000bph - set 3" up
- 20,000bph - set 3.5" up
- 40,000bph - set 4" up

Spreader Operation & Troubleshooting

1st Insure the spreader's leveling band is in the correct position for your fill rate.

Too much grain in the middle of the bin: It is normal to have slightly more grain in the center of the bin with this spreader. However, it should not be very obvious. If there is too much grain in the center, raise the leveling band so that the grain is less aggressively overflowing the leveling band.

Grain is gravitating towards the sidewall with inverted center: lower the leveling band so that the grain is more aggressively overflowing the leveling band.

2nd Check the side to side levelness of the grain in the bin.

One side is higher than the other: Adjust the hopper tabs on the spreader to help direct the grain to the low side of the bin. Looking at the rotation of the spreader, push in the hopper tabs before the high side and directly on the high side (2-3 tabs) about an inch at a time. Pull out the opposite side of the hopper tabs the same distance that line up before and directly on the low side of the bin.

This will allow the grain to be pushed over from the high side and forced to the low side. Make minor adjustments as it is filled if needed.

Frequently Asked Questions During Harvest

Q: Why is the grain higher in the center of the bin?

A: Normal operation is to be a little higher in the center of the bin compared to the outside edge of the bin (5' higher max). If the center is much higher than the outside edge, check the leveling band and chances are it is set too low and it needs adjusted up.

Q: I am 2 rings off or more from side to side in the bin, what can I do to adjust?

A: Check the leveling band first to make sure you have good flow going down the chutes and cascading over the leveling band. If this is the case, then adjust the hopper tabs on the high side of the bin by pulling towards the center about a half inch. Also open the low side about the same amount (move 2-3 tabs on each side for the direct high/low side and before and after because of the rotation)

Q: Do I adjust the tabs on the side of the chutes?

A: No those are set from the factory and should not need an adjustment, especially if the spreader is rotating. If the spreader is not rotating, this is one thing to check to make sure the tabs are set per the factory settings.



Q: How much grain do I allow to cascade over the leveling band?

A: Adjust the leveling band when you first start by raising it up until the grain does not flow over the leveling band and then start lowering until it just starts over flowing and stop. It is crucial to make sure the flow rate does not change after making the adjustment, if there is potential of slight variable rate, lower the leveling band a little more to ensure always overflowing.



Continued...

Q: How do I know it is leveling properly?

A: Start by putting a couple thousand bushel in the bottom of the bin and open the bottom doors and look to see what adjustments need made before you even climb the bin. If it is off several sheet ribs early, it will be a lot more off at the top so make adjustments early.

Q: How can I get my auger in the same place every year?

A: Make a saddle on top of the bin and put a mark on the auger to every year you set it in the same spot. Or you can put a flexible down spout on your auger and strap it to the middle of the spreader. Always make sure the auger is secured to help hold in place with the weather/wind conditions.

Q: Who do I contact if I have any questions about the AgriDry Gravity Grain Spreader?

A: Please contact our office with any questions or concerns at 1-855-AgriDry (247-4379). Also, visit our Spreader products page at www.AgriDryLLC.com for installation and troubleshooting videos.



AgriDry's Pre-Harvest Checklist

It is always good to check your harvest equipment before you hit the fields. Be sure to check out your AgriDry equipment as well. Most common issues during harvest can be prevented by completing the check sheet below. If you would like AgriDry to check your equipment for you, contact us at 1-855-AgriDry and set up a service call.



BULLSEYE BIN CONTROLLER:

- Controller Powers-Up
- Temperature cables are reading accurate
- Air Temp / Humidity is accurate
- Switch Operates Fans When BE is in Manual
- BE Operates Fans When in Auto (w/Grain)

SPREADER:

- No damage to any spreader parts
- The spreader is still properly hanging
- All chutes are still at the correct angle
- The spreader is cleaned out from harvest
- The leveling band and chutes are completely empty from grain or FM

BULLSEYE DRYER CONTROLLER:

- Controller Powers-Up
- Moisture sensor is clean
- Moisture sensor reads with grain on it
- Dryer sensors are reading

ADLINK FOR BULLSEYE:

- AD Link Modem / Gateway Lights ON
- Subscription is setup and paid