

John Deere 1590 No-till Grass and Grain Drill

- All producers must use their own hitch pin for pulling the drill.
 - Each producer must fill out the check sheet on the back of this form and submit to SCD within 2 weeks after using the drill or we will keep your \$100 deposit.
 - **Drive clutch ~ Needs to be disengaged when pulling the drill for transport and you will need to engage when in the field and ready to seed. This is found on the back right wheel.**
 - **150 horsepower tractor is recommended.**
 - **7.5 inch row spacing**
 - **The drill is best at 5-6 miles/hour speed depending on conditions.**
 - **Boxes~** Large box is for the grass and grain seed
Front smaller box is for legumes or Alfalfa and clover seeds.
3rd box on back is for fertilizer.
*It is best to keep alfalfa and grass seeds separate because calibration is most accurate when in separate boxes.
 - **Depth Bands ~** The first notch at the bottom is seeding at ¼ inch deep and each notch is increased by 1/4th inch. These need to be set on every wheel.
 - **Hydraulics for tractor ~** You must know whether your tractor is an open center system or a closed center hydraulic system. For a closed center system the valve found on the front of the drill by the pressure gauge needs opened. If you have an open center system, the valve needs to be closed.
 - **Amount of down pressure ~** Do not use any more pressure than necessary. The wheels should be touching the ground, but not lifting the drill up. Most grass seedings will need 500 lbs of pressure or less depending on conditions.
 - **The graphs for grass seed rate and fertilizer rates are found on the lid inside the main box.**
 - Make sure to GREASE the drill.
 - Clean out seed boxes with discs down on the ground!
 - Check Agitators.
 - Please refer to Operators Manual in green box for further questions.
- *Don't forget to lift the wheels when turning corners during seeding!**
***The boxes need cleaned out after use. Failure to do so will result in a \$20 charge.**

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