

# John Deere 1590 No-till Grass 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 \$300 deposit.
- RECORDING ACRE METER IS VERY IMPORTANT. DO NOT RESET METER
- **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 tractors are 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.  
3<sup>rd</sup> 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 1/4<sup>th</sup> 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 in the owner manual in the tote.
- Make sure to GREASE the drill.
- Clean out seed boxes and tubes with discs down on the ground! Failure to do so will result in a \$300.00 charge.
- Check Agitators.
- Return tote back into box- If not must return to next producer ASAP
- Please refer to Operators Manual in the tote for further questions.
- **\*Don't forget to lift the wheels when turning corners during seeding!**

Contacts: Office 764-5646 ext 3, or Lenci Sickler 701-290-2181

**IMPORTANT: *The procedures provided for the calibration of drills are to be used as a guide only – as several factors could affect the rate at which the seed will flow through the seedway passages. The operator of the equipment must constantly monitor the seed delivery and placement!***

**FILL OUT AND RETURN TO SCD WITHIN 2 WEEKS OF USING THE DRILL OR WILL RESULT INTO LOSING \$300 DEPOSIT**

John Deere 1590 No-till Grass Check Sheet

Dunn Co SCD  
PO Box 359  
Killdeer, ND 58640  
(701)764-5646 ext 3

Producers Name \_\_\_\_\_

Date of use \_\_\_\_\_

Legal Description \_\_\_\_\_

**ACRE METER READINGS ARE VERY IMPORTANT!  
DO NOT RESET METER**

**ACRE METER** START \_\_\_\_\_  
END \_\_\_\_\_

Please describe anything that needs to be fixed or improved:  
If you fixed the drill, please include receipts for parts so you can be reimbursed

BEFORE USE		COMMENTS	AFTER USE	
YES	NO	Seed boxes & tubes clean	YES	NO
		<b>Put Discs down on ground this will help make sure seed tubes get completely cleaned out! You will lose your deposit if this is not done.</b>		
YES	NO	Packer wheels missing_____	YES	NO
YES	NO	Loose disks_____	YES	NO
YES	NO	Broken or missing chains_____	YES	NO
YES	NO	Greased & Serviced_____	YES	NO
YES	NO	Hydraulics leaked_____	YES	NO
YES	NO	Flat tires_____	YES	NO
YES	NO	Jack stand in place_____	YES	NO