

**NO-TILL DRILL
RENTAL AGREEMENT**

TO: All Applicants
FROM: George E. Bishoff, GSCD Chairman
SUBJECT: No-Till Drill Rental

The following is an explanation of policy and procedure for using the Garrett Soil Conservation District No-Till Drill.

The John Deere 1590 No-Till Drill is available for rent at **\$10 per acre, with a minimum charge of \$30. A \$30 charge** will be made to you each day unless you give us a call letting us know that weather or soil conditions do not allow planting, the drill is not working properly, or you have finished using the drill.

Please call the GSCD office (301-334-6951) to arrange for picking up the drill. The Acreage Meter Reading must be reported to the District office prior to and immediately after using the drill. Please report to the District if the drill is not working properly. If you do not report the need for repair or continue to use the drill when it is not functioning properly, the District will charge you for the repair cost. Any damage beyond normal wear will be the responsibility of the renter. The District reserves the right to cancel this agreement after giving 24 hours written notice.

Transporting Drill The JD 1590 No-Till Drill weighs approximately 7,500 lbs. Movement of the drill requires a tractor or truck equipped with a hitch with adequate towing capacity. Manufacturer recommends a minimum 85 PTO horsepower tractor.

Please review and keep the attachments:

- ▶ Instructions for Using the JD 1590 No-Till Drill
- ▶ Fact Sheet for JD 1590 No-Till Drill

Please sign and date the following:

I have read the above and attached information and understand the charges and procedures in the use of the no-till drill, and agree to the terms and conditions. I will, to the best of my ability, provide the utmost care when transporting and using the drill.

An approximate total of _____ acres of _____ will be planted with the drill. I will call to give the **ACREAGE METER READING before and after planting**. Payment will be made to the **Garrett Soil Conservation District** for use of the drill within thirty (30) days of billing. **After thirty (30) days, interest will be charged at a rate of 2% per month (24% APR) on the outstanding balance.** Drill will not be rented to accounts ninety (90) days past due.

Signature: _____ Date: _____

Address: _____
(Road or PO Box) (City) (State) (Zip Code)

Phone: _____ (home) _____ (mobile or work)

FACT SHEET
Garrett Soil Conservation District
John Deere 1590 No-Till Drill
(301) 334-6951

General

This drill was purchased by the Garrett Soil Conservation District to encourage no-till planting which reduces soil erosion and benefits water quality. The District is an independent unit of Maryland government, a political subdivision of the State with the same boundaries as Garrett County. The mission of the Garrett District is to *“Implement conservation programs and initiatives to protect and improve soil, water and natural resources.”*

Description

The JD 1590 No-Till Drill can be used to seed no-till or in conventional seedbeds. The drill is a pull type with a working width of 10 feet. It is equipped with a grain box with agitator, a grass seed box, a tongue caster wheel hitch, front rank lock-up, and 16 single disk opener units. The drill does not have a fertilizer box or markers.

Specifications

Overall width	10' 3"
Working width	10 ft.
Overall height	6' 10"
Overall length	20 ft.

Dimensions

Weight	7,500 lbs.
Grain box	3.5 bu./ft.
Underframe clearance	24 in.
Road to openers clearance	8 in.

Opener Assembly

Spacing	72 in. with front rank lock-up
Down Pressure	Active - hydraulic down-pressure, adjustable from 165-450 lbs.
Disk	18 in. beveled-edge at 7-degree angle
Gauge wheels	4½ x 16 in., adjustable 0-3½ in. in ¼ in. increments
Press wheels	1x10 in. rubber wheels, adjustable down-pressure from 5-45 lbs.
Closing wheels	1x12 in. cast wheel at 20-degree vertical angle, 7-degree horizontal angle, 26-43 lbs. down-pressure

Payment must be received within thirty (30) days of billing. After thirty (30) days, interest will be charged at a rate of 2% per month (24% APR) on the outstanding balance.

**INSTRUCTIONS FOR USING THE JD 1590 NO-TILL DRILL
(301) 334-6951**

OPERATOR'S MANUAL IS AVAILABLE IN GSCD OFFICE

TRANSPORTING

Movement of the drill requires a tractor or truck equipped with a hitch with adequate towing capacity (drill weight 7,500 lbs.).

Secure safety chain and raise hitch stand.

Disengage the drive disconnect located on the right rear wheel.

Drill is transported with openers completely raised and the **lock-up valve closed**.

Place hydraulic hose ends in storage bracket on frame during transport and secure slack hose and warning light wire so they will not rub on the front caster wheels.

Block wheels before detaching drill from truck or tractor.

DURING USE

Before using the drill, call in the acreage meter reading **(301) 334-6951**.

Engage the drive unit located on the right rear wheel.

After connecting the hydraulic hoses to the tractor, open the lock up valve.

Refer to pages 35-4 to 35-9 in the *Operator's Manual* for information on the hydraulic opener down pressure system. Pages 20-31 to 20-33 covers the seeding depth, press wheel and closing wheel adjustments. These adjustments are also explained in the *Field Quick Check* sheets located under the grain box lid.

Raise the drill before turning or backing up.

Any problems or questions about the machine? Call the District office.

Lock up opener lift cylinders before performing any maintenance or adjustments under machine.

AFTER USE

Close lock-up valve to lock openers in raised position (for storage or transport).

Disengage the drive unit on the right rear wheel.

Block wheels before detaching machine from tractor.

Call in acreage meter reading **(301) 334-6951**.