

Essex County Soil & Water No-Till Drill

Road Transport Requirements:

- ¾ ton truck or better

Tractor Requirements:

- Enough power/traction, 100hp or more recommended.
- Proper hydraulics – std. ½ quick couplers
- Drawbar level/height – drill should be level when attached

Important Operating Tips:

- Unlock before transitioning from road to field position; lock after transitioning back to road position and before towing on road
- Load seed in correct box, set seed rate and gear box setting
- Select proper ground speed for conditions – don't exceed 8mph
- Make sure lock-out hub is engaged
- No sharp turns with drill engaged–gentle sweeping curves ok
- Park on level area and use wheel chocks
- Drill requires two Universal Hydraulic couplers

If you encounter problems when using the drill, call us! Phone numbers are in the seed rate book located on the drill. Cell phone numbers are for after hours.

Common Problems:

- No seed is coming out
 - Make sure the travel lockout hub is disengaged
 - Are the gears moving?
- Seed dropping/gears moving when drill is lifted all the way up
 - Drive clutch tabs may have come loose–readjust
- Seed is coming out too fast
 - Large seed cup levers may have been left in cleanout mode
 - Gear box setting may be too high
- Seed coming out too slow
 - Seed rate handle # is not #/acre! It is percent open. Refer to seed rate book
 - Small seed tubes plugged by chaff in seed or moisture–squeeze tubes to see if they are full
- Seed blends
 - Recommend not using complex blends
 - Cover/alfalfa/timothy are pretty close
 - Fescue/orchard grass should go in large seed box
 - Smooth Bromegrass is NOT recommended as it is too fluffy

Essex County Soil & Water Conservation District
 8053 US Route 9
 Elizabethtown, NY 12932
 (518) 962-8225

No-Till Drill Rental Agreement

The undersigned landowner or operator has requested rental of the no-till drill from Essex County Soil & Water Conservation District, referred to in this agreement as "The District". Due to unpredictable weather and repairs, the district cannot adhere to a strict rental schedule. Your cooperation and patience are appreciated.

The landowner or operator agrees:

- To allow the district equipment and/or employees on the property for the purpose of delivery, pickup or assistance.
- The rental is subject to NYS sales tax unless a tax-exempt form is provided to the District within ten (10) days.
- Any damage to equipment due to excessive stoniness or negligence will be the responsibility of the landowner.
- Personal injury and liability insurance is the responsibility of the landowner. The District is not responsible for personal injury or property damage caused while renting/operating the drill.
- To pay the District a **rental fee of \$15 per acre**. A \$3 discount will be given to those with a current (within 5 years) AEM 3A plan on file. An estimated 50% deposit may be required.
- If unable to transport, to pay the District a **delivery fee of \$30 (minimum)** for all deliveries, **plus \$1 per mile** (round trip) for deliveries over 30 miles from the District office (8053 State Route 9, Elizabethtown, NY 12932).
- To ensure prompt use and availability to others, renters will be allowed one full day of use per 20 acres of seeding (weather/conditions permitting), otherwise there may be an additional charge of **\$15/day**.
- To pay the District a **cleaning fee of \$50** with the understanding that this fee will be charged if the equipment is not thoroughly cleaned* after seeding is completed.
 *The equipment should be returned in the same condition in which it was received, including the removal of all seed.
- To pay any balance due the date the drill is returned to the District.

The District:

- Agrees to rent an Esch 5612 no-till grain drill for the above stated price to the undersigned operator.
- Reserves the right to cancel the rental due to weather, agronomic and/or field access conditions.
- Is not responsible for damages to the seeder while it is in the possession of the landowner, with the exception of damage resulting from normal wear and tear.
- Is not responsible for the success or failure of the planting with the District equipment.

Date	Landowner Signature	District Signature
Name: _____ Address: _____ _____ _____ Phone #: _____ Acreage Meter Reading END: _____ START: _____ Total Acres: _____	Acres Seeded: _____ @ \$_____/acre = _____ Delivery Fee: \$30 = _____ _____ delivery miles over 30 x \$1/mile, round trip = _____ Excess days _____ days @ \$15/day (see above) = _____ Cleaning fee: \$50 if excessively dirty/seed in boxes = _____ Sales Tax: 8% unless ST-125 has been filed = _____ Balance Due (upon return) = _____	

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