



High Desert  
Conservation District

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# NO-TILL SEED DRILL

*No Field Preparation Needed*



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[www.highdesertconservation.org](http://www.highdesertconservation.org)

## A few details:

- 8 ft. width- Towable behind most Pickup trucks to work site.
- Overall weight of 3500#
- Operate with a minimum 40 HP tractor with rear remote hydraulics
- 9 coulters on a 7.5" spacing, covering approximately 6' per pass
- Depending on field conditions, approximately 10-12 acres can be seeded in a day
- Very light seed rates can be applied for native grasses
- Use for dry land or irrigated fields, cropping or revegetation
- Rental rates: Daily \$175.00/day. Over 12 acres is minimum two day charge. Over 25 acres is an additional \$10/acre. A credit card is required for deposit

## How does it work?

The Great Plains no-till drill is designed to perform several operations in one step. The front "openers" cut a trench. This is followed by the double disc seed drill that places the seed at the proper depth. The following packer wheels cover and pack the soil for good seed-to-soil contact. The secret is in the weight of the drill. It weighs over 3500 lbs and can drill in seed in many variable conditions.

The Great Plains NT seed drill has three seed boxes:

- Main Grain Box
- Native Grass Box for fluffy seed mixes
- Small Seed Box for alfalfa and similar size seeds

All the boxes have agitators to keep the seed well mixed and flowing to the oversized shoots. Regardless of the application, the wide variety of calibration adjustments provide an even seeding.

## What types of seed can I use?

- **Native grasses:** fluffy seeds with difficult "beards" that often hang up.
- **Cover crops:** Mixes of several varieties for green manures or over seeding fallow fields.
- **Small grain crops:** wheat, barley, oats
- **Pasture Mixes:** over-seed existing pastures or establish new ones
- **Dryland seed:** for weed management and re-vegetation of disturbed lands.

## Why use a no-till drill?

No-till farming is becoming more common as a profitable, sound conservation farm practice. Crop residues are left on the field and incorporated for their nutrient value and soil health. Fewer passes on a field means less compaction, less fuel expense, more time managing your yields. Weed pressure decreases as less soil is disturbed.

The free floating nature of the individual opener assemblies assures even depth control on rough surfaces. Accurate seed planting means less seed can be used, almost 1/2 as much as prescribed for broadcast seeding. As the price of seed rises, using less means more profit.

# No-Till Seed Drill

## Who needs to use this?

- **Farmers:** *Cropping or over seeding*
- **Small acreage owners:** *Establishment of low maintenance "back 40" parcels*
- **Contractors:** *Re-seed over leach fields and disturbed ground*
- **Utility companies:** *Re-seed ditches, right-of-ways*
- **Range managers:** *Over-seed tired pastures*
- **Reclamation:** *Establishment of native vegetation*
- **Weed managers:** *The final phase of all weed management.*

## **Need more information?**

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