

Bonneville County Weed Control
605 N. Capital, Idaho Falls, Id
Equipment Location: 2700 Manwill Road
208-529-1397 www.co.bonneville.id.us/weeds

**Not for Turf nor Row-Crop
Usage**

Atchinson No-Til Drill

Initial

Drill has a gross weight of 1,800 lbs. _____

Requires a 2 inch receiver hitch on vehicle with capability of 400lb tongue weight _____

Generally, one can drill about an acre every 30 minutes at 3–5 mph _____

Do not hook up agitation system, it actually separates the seeds. _____

I will not move High/Low rate gear ration without permission of Bonn. Co. _____

This equipment will be used for weed control activities only. _____

Remote control functions properly. _____

Battery is fully charged. _____

All tires have required air pressure. _____

I understand that the equipment must be cleaned of mud, dirt, and other materials from the unit and accessories before returning it to Bonneville County Weed Control. If the equipment is not clean and empty of spray solution I will be charged a fee of \$30.00, to include neutralizing solution.

Seed Selected 1) Irrigated _____ 2) Non-Irrigated _____ 3) Other _____

Drill Rate per acre _____

Before any equipment can be checked-out the user must be trained in its proper use and inspect the equipment with a representative of Bonneville County Weed Control Department. All equipment checked-out by the user becomes the sole responsibility of the user.

In the event of damage, loss, or theft of the equipment, the department listed by the user will be ultimately responsible for any and all repair or replacement costs: This policy shall be followed regardless of any accidents, misuse, abuse negligence — user fault, or any other circumstances that led to the damage, loss, or theft of the equipment, this does not include any wearable part such as Chains and Tires. The user further agrees to report any loss, theft, or damage as soon as possible to Bonneville County Weed Control.

I have inspected the equipment and agree/concur with any exceptions and/or annotations made regarding the status and condition of the equipment I am about to check out. In addition, I concur with this use agreement.

Bonneville County assumes no liability for personal property damage due to the misapplication or off-target application performed by the user of this equipment.

Todays Date _____ Expected Return _____

User Printed Name _____ Signature _____

User Contact Telephone number _____

Bonneville County Representative _____

Amount Due upon Return _____ (\$45.00 Rental fee per day)

Helping Keep Bonneville County a Beautiful Place to Live – One Piece of Land at a Time
www.co.bonneville.id.us or weeds@co.bonneville.id.us

In Addition:

- A. Upon arrival to field, unhitch from trailer and drop trailer tongue close to ground as possible utilizing trailer jack.
- B. Remove rear stabilizing legs and place into down position.
- C. Lower ramps to ground.
- D. Jack trailer up as far as possible.
- E. Place pintle hitch into receiver with lock bar in up position.
- F. Back up rams to drill hitch – DO NOT USE TRACTOR, they are too heavy.
 - Use 3 –point adjuster to adjust draw bar onto pintle hitch loop on drill
- G. Open valves on rear rams attached to wheels (handle will be parallel with valve when open).
- H. With remote control, raise the unit up off the trailer – when at full height, close valves on rams
- I. Adjust draw bar 3-point adjuster to full extension, thus the drill is at full height as not to hit the guides on the trailer.
- J. Pull drill off trailer, slowly.

Once the drill is on the ground:

- A. Open ram valves.
- B. Lower the drill onto ground.
- C. Contract 3-point adjuster until all the tines are flat onto ground. It may be required to raise and lower the drill to ensure the unit is flat.
- D. View the inner tires, they should be between a ¼ inch and ½ off ground (this is the seeding depth).
- E. Put seed into the hopper.
- F. Raise drill back up and turn the small tractor tire on passenger side to ensure that seed is flowing out of each and every tube onto ground.
 - a. If seed does not flow out a tube it is generally plugged with soil or bridged/wet seed. Pulling the black corrugated tub off and running a long skinny screwdriver up and down the drill shank tube will generally clear the packed soil out of shank tube.
- G. Open hopper lid and use table on underside of lid to determine setting to adjust flow gauge depending on seed type.
- H. Generally, the setting of the gauge is off 30% (low), thus adjust overage, using the center groove as point of adjustment to mark on gauge.
- I. Drive in field in circles. Starting on far side drop drill and travel to opposite end, lift drill and drive have way across field and drill in opposite direction. At end of field lift drill and pull next to first drill row. Follow again to end of field. Lift drill and pull to the far side of center drill marks and drill to end of field. Follow pattern until finished.
- J. Reload drill aligned straight onto trailer following instructions above - backwards.
- K. Remove any remaining seed (shop vacuum works great) and wash drill if needed.