

# 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

