

# No-Till Drill Use Agreement

\_\_\_\_\_ (Landowner), will rent the 606NT Drill on \_\_\_\_\_ (date) and will return the drill by \_\_\_\_\_ (date).

The drill will be picked up and returned at the Johnson County Public Works Department (1800 W 56 Highway, Olathe, KS). **Call public works at 715-8300 to schedule pick up.** Johnson County Noxious Weed Director, Jim Hoge, will provide a walk around at check out and return to verify drill condition.

## Landowner agrees to the following terms when renting the 606NT Drill from Johnson County Stormwater:

- **Johnson County does not provide any type of guarantee for grass or crop stand. The owner's manual provided on the drill, and the attached information sheets, are to be used as informational guides and are in no way exact. There are many variables which may affect the flow of seed through the drill, as well as the functions of the drill itself.**
- **Landowner is responsible to pay the cost for any repairs** that are caused by negligence while the drill is rented to landowner, including flat tires! Landowner must report any malfunctions or damage by calling the Johnson County Extension Office at 715-7000 or at check-in when it is returned.
- **Landowner assumes all risks**, and will pay all costs and expenses arising out of the use, possession or maintenance thereof, and is to give immediate written notice to lesser stating loss or damage, or loss of possession of said equipment occasioned by any cause whatsoever.
- **Landowner will be charged \$25.00 cleaning fee** if seed boxes have not been cleaned out; a shop-vac works best to get all seed out. No fertilizer will be used in drill
- **The drill will not be used in extreme field conditions (rocky terrain, excessive trees/limbs).**
- **Seed boxes are to be filled only AFTER you arrive in the field! Do not transport the drill with seed in the boxes for any reason!**
- **Landowner is responsible for lubricating the drill while rented. There are three grease spots on the right and a plate of multiple grease spots on the left.**
- **The drill must be returned on time** as stated above. The drill it is to be parked at Johnson County Public Works in the same location it was picked up.
- **All equipment remains the personal property of Johnson County Stormwater.** Johnson County Stormwater reserves the right to take possession of equipment at any time.
- **Acreage meter readings will be multiplied by \$10.00 to calculate total rental fee. Please note the minimum fee is \$80.00. Minimum fee applies for each rental period.**
- **Scheduling allows for 20 acres per day.** We reserve the right to assess a charge of \$160.00 per day for everyday the drill is setting idle, while rented to you, during acceptable weather conditions.

## RECORD ACREAGE METER READING HERE:

Beginning # \_\_\_\_\_ Ending # \_\_\_\_\_ = Total Acres \_\_\_\_\_

I acknowledge that I have read the above information and agree to all policies as listed.

\_\_\_\_\_  
Sign

\_\_\_\_\_  
phone #

### **Before Leaving with the drill you should:**

- **Check to see that the tires are properly inflated-** if tire is low or flat call and report flat tire to the Conservation District so you are not charged for tire repair.
- **Check drill for damage, worn or missing parts-** report any damage or questionable damage to the Conservation District so you are not charged for repairs.
- **Make sure wheel is disengaged.**
- **If you have any questions please ask.**

### **General information, before you begin:**

- **The following information refers to the right and left sides of the drill.**  
**Right and left are determined as if you are standing at hitch, looking at drill.**
- Check to see if the drill is in need of any lubrication.
- Securely hitch drill to tractor (**minimum 40 hp tractor**).
- Extend lift cylinders completely and remove transport bar locks.
- Always raise drill for field turns; never back up with openers in the ground. Seeding will stop automatically when you raise the drill.
- The provided setting information are recommendations only. The manual provided on the drill goes over detailed instructions on how to calibrate the drill for your specific seed.

### **Before Returning the Drill:**

- **CLEAN OUT ALL SEED BOXES!** See page 2 for information on adjusting seed cup doors for clean out on front box.
- Raise drill, re-installing both transport bar locks on each side of the drill.
- Unhook hydraulic hoses from your tractor!
- **Disengage the wheel!** If you do not disengage the wheel the acreage meter will keep rolling, remember you are charge based on the acreage meter reading.
- **Record ending reading on acreage meter.**
- Check the drill for damage, worn or missing parts and that the tires are properly inflated. **If the drill has a flat or low tire that was not flat or low before you started you are responsible for getting the tire repaired.**
- Also make sure drill is clean, inside and out. Empty seed boxes and if you get into excessive dirt or have hydraulic fluid on the drill- please clean it!
- Grease the drill, if you did not do so before using it.
- Make sure you have 9 sprockets on the sprocket storage bars on the left side of the drill and both transport bar locks are in place. Also make sure you returned the seed rate manual to the storage box if you used the manual.
- Report any problems to the Johnson County Extension Office or Johnson County Public Works!
- You are now ready to return the drill to Johnson County Public Works to settle up your bill.

**Remember to return the drill on time,  
there are other people lined up to rent it after you.**

**Park the drill in the same area from which you picked it up.**

**NATIVE GRASS:** (See pages 12-15 & 18 in the manual for more information)

**Johnson County Stormwater does NOT provide any type of guarantee for grass or crop stand.**

The manual provided on the drill is to be used as informational guide, but in no way is exact. There are many variables which may affect the flow of seed through the drill, as well as the functions of the drill itself.

**Your seed will go in the MIDDLE box. Agitator works best if box is ONLY HALF FULL.**

**DO NOT FILL SEED BOXES UNTIL YOU ARE IN THE FIELD!**

**DO NOT TRANSPORT WITH SEED IN THE BOXES!**

- See page 2 of the owner's manual for adjusting the seed cup doors; make sure all seed cup doors are in the recommended position for your seed size.
- Follow directions on page 12 of the owner's manual to calibrate the drill for your specific seed mixture.
- After calibrating (steps 1-13 on pages 12 & 13) determine which sprocket and drive type are required for your desired pounds per acre of seed.
- The drill has a seed rate reducer installed on it so the figures on the original chart must be multiplied by 0.58 to get the actual seeding rate due to the reducer. We have added a chart to the bottom of page 18 with "reduced rates" to save from having to recalculate.
- Locate your desired pounds per acres to be seeded on the bottom chart on page 18.
- Move gearbox selector handle to drive type 1, 2, 3 or 4 to match the pounds per acre/sprocket setting you have chosen.
- Determine which sprocket is needed to correspond with your desired pounds per acre rate. Sprocket numbers are listed along the top of the native grass and brome rate charts. (The sprockets have corresponding number engraved on them.)
- Locate the correct sprocket on the back left corner of the drill. Do NOT attempt to change the sprockets on the left side of the drill near the sprocket storage!
- Remove the black box on the right side of the drill to access the location where the sprockets can be changed. (see figure 9 on page 12 of manual) loosen the chain idlers to loosen the tension on the chain and change the sprocket. Align the chain and retighten the idlers. Make sure to secure the extra sprockets in their storage position on the left side of the drill; there are nine sprockets.
- Hook drill to tractor, attach hydraulic hoses, raise drill to remove both transport bar locks.
- Record acreage meter reading off of the acreage meter near the gear box on the front right of drill.
- Add your seed to the MIDDLE box.
- Engage the RIGHT wheel and begin drilling.
- When you are finished- disengage the right wheel, and record the acreage meter reading.
- Complete steps 1-11 under "Before Returning Drill" on rental agreement

Seed type: \_\_\_\_\_ Pounds per acre: \_\_\_\_\_ Drive type: \_\_\_\_\_ Sprocket Number: \_\_\_\_\_

**Right and left are determined as if you are standing at hitch, looking at drill.**

**BROME:** (See pages 16 – 18 in the manual for more info)

**Johnson County Stormwater does NOT provide any type of guarantee for grass or crop stand.**

The manual provided on the drill is to be used as informational guide, but in no way is exact. There are many variables which may affect the flow of seed through the drill, as well as the functions of the drill itself.

**Your seed will go in the MIDDLE box. Agitator works best if box is ONLY HALF FULL.**

**DO NOT FILL SEED BOXES UNTIL YOU ARE IN THE FIELD!**

**DO NOT TRANSPORT WITH SEED IN THE BOXES!**

- See page 2 of the owner's manual for adjusting the seed cup doors; make sure all seed cup doors are in the recommended position for your seed size.
- Follow directions on pages 16 & 17 to calibrate the brome seeding rate.
- After calibrating, determine which sprocket and drive type are required for your desired pounds per acre of seed by using the chart on page 18.
- The drill has a seed rate reducer installed on it so the figures on the original chart must be multiplied by 0.58 to get the actual seeding rate due to the reducer. We have added a chart to the bottom of page 18 with "reduced rates" to save from having to recalculate.
- Locate your desired pounds per acres to be seeded on the bottom chart on page 18.
- Move gearbox selector handle to drive type 1, 2, 3 or 4 to match the pounds per acre/sprocket setting you have chosen.
- Determine which sprocket is needed to correspond with your desired pounds per acre rate. Sprocket numbers are listed along the top of the native grass and brome rate charts. (The sprockets have corresponding number engraved on them.)
- Locate the correct sprocket on the back left corner of the drill. Do NOT attempt to change the sprockets on the left side of the drill near the sprocket storage!
- Remove the black box on the right side of the drill to access the location where the sprockets can be changed. (see figure 9 on page 12 of manual) loosen the chain idlers to loosen the tension on the chain and change the sprocket. Align the chain and retighten the idlers. Make sure to secure the extra sprockets in their storage position on the left side of the drill; there are nine sprockets.
- Hook drill to tractor, attach hydraulic hoses, raise drill to remove both transport bar locks.
- Record acreage meter reading off of the acreage meter near the gear box on the front right of drill.
- Add your seed to the MIDDLE box.
- Engage the RIGHT wheel and begin drilling.
- When you are finished- disengage the right wheel, and record the acreage meter reading.
- Complete steps 1-11 under "Before Returning Drill" on rental agreement

Seed type: \_\_\_\_\_ Pounds per acre: \_\_\_\_\_ Drive type: \_\_\_\_\_ Sprocket Number: \_\_\_\_\_

**Right and left are determined as if you are standing at hitch, looking at drill.**

**SEED/GRAINS:** (see pages 4-8 in the manual if you need additional info)

**Johnson County Stormwater does NOT provide any type of guarantee for grass or crop stand.**

The manual provided on the drill is to be used as informational guide, but in no way is exact. There are many variables which may affect the flow of seed through the drill, as well as the functions of the drill itself.

**Your seed will go in the FRONT box.**

**DO NOT FILL SEED BOXES UNTIL YOU ARE IN THE FIELD!  
DO NOT TRANSPORT WITH SEED IN THE BOXES!**

- See page 2 of the owner's manual for adjusting the seed cup doors; make sure all seed cup doors are in the recommended position for your seed size.
- Make sure you use the 7 ½ inch spacing chart when selecting pounds per acre and settings
- Follow steps 1-11 on page 3 to calibrate seeding rate
- Locate your seed type on pages 4-8 and determine how many pounds per acre you wish to drill. Pounds per acre are the numbers in the charts.
- Move gearbox selector handle, on the right front of the drill, to drive type 1, 2, 3 or 4 to match the pounds per acre setting you have chosen.
- Adjust the seed rate handle on the front of the drill to correspond to the setting number on the top of the rate chart. Do NOT adjust the seed rate handle on the back of the drill.
- Hook drill to tractor, attach hydraulic hoses, raise drill to remove both transport bar locks.
- Record acreage meter reading off of the acreage meter near the gear box on the front right of drill.
- Check seed cup door position BEFORE adding your seed to the FRONT seed box. See picture on page 2 of manual for seed cup door position information.
- Engage the RIGHT wheel and begin drilling.
- When you are finished- disengage the right wheel, and record the acreage meter reading.
- Complete steps 1-11 under "Before Returning Drill" on rental agreement

Seed type: \_\_\_\_\_ Pounds per acre: \_\_\_\_\_ Drive type: \_\_\_\_\_ Seed Rate Handle Number: \_\_\_\_\_

**If seeding Fescue at rate higher than 8 pounds per acre you will use FRONT BOX (under 8 pounds use small back box), but must ask for additional rate chart that is not included in the manual.**

**Right and left are determined as if you are standing at hitch, looking at drill.**

**Small seed/wildflower/forbs/legumes** see pages 9-11 in the manual:

**Your seed will go in the SMALL BACK box.**

**DO NOT FILL SEED BOXES UNTIL YOU ARE IN THE FIELD!  
DO NOT TRANSPORT WITH SEED IN THE BOXES!**

- See page 2 of the owner's manual for adjusting the seed cup doors; make sure all seed cup doors are in the recommended position for your seed size.
- Make sure you use the 7 ½ inch spacing chart when selecting pounds per acre and settings
- Follow steps 1-10 on page 9 to calibrate seeding rate
- Refer to the seed rate chart on page 10 & 11 and locate your seed type.
- Using the 7 ½ inch row spacing, find the pounds per acre you wish to apply in the chart.
- Adjust the small seed rate handle on the back of the drill to correspond with the setting number on the chart that matches up with your pounds per acre figure. (See page 9) Do NOT adjust the seed rate handle on the front of the drill.
- Hook drill to tractor, attach hydraulic hoses, raise drill to remove both transport bar locks.
- Record acreage meter reading off of the acreage meter near the gear box on the front right of drill.
- Add your seed to the BACK, small seed box.
- Engage the RIGHT wheel and begin drilling.
- When you are finished- disengage the right wheel, and record the acreage meter reading.
- Complete steps 1-11 under "Before Returning Drill" on rental agreement

Seed type: \_\_\_\_\_ Pounds per acre: \_\_\_\_\_ Setting Number: \_\_\_\_\_

**Right and left are determined as if you are standing at hitch, looking at drill.**

**If seeding fescue at rate under 8 pounds per acre you will use small back box. If seeding at rate higher than 8 pounds you will use the front seed box, but must ask for additional rate chart that is not included in the manual.**