



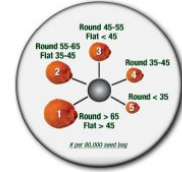
NHACD Cover Crop Roller & No-till Planter CIG No-till Planter & Roller Setup Tips

This guide should help you avoid common mistakes using the Pequea no-till corn planter and Dawn Biologics cover crop roller system. It is not a replacement for the user's manual.

Remember, mistakes made at planting can seldom be fixed later in the season.

Before Planting

- ❑ **Level the planter.** Be sure the parallel arms connecting the row units to the frame are level with the ground when the planter is fully engaged in the soil. This will ensure proper ground pressure is applied, seeding depth is correct, and there is proper seed-soil contact. The height of the drawbar and/or planter clevis must be adjusted to level the parallel arms. This adjustment is FAR more critical in no-till.
- ❑ **Adjust the seed brush.** On the side of the seed meter, you'll notice the seed size chart (at right) and adjustment t-handle. Move the handle to match the size seed you're planting. Be gentle! It's easy to pull the handle out of the meter. Size 3 is the same as the factory John Deere brush.
- ❑ **Fill the liquid fertilizer tanks.** Even if you do not plan to use liquid pop-up fertilizer, you should fill the tanks at least half way with water to provide ballast (weight) for the planter to function properly. Without enough weight, the planter will not reach the desired planting depth.
- ❑ **Fill the foam marker tank.** Add 1oz. of foam marker solution for each gallon of water. The tank can be removed from the planter with the bungee cords for easy filling. The full 5 gallon tank should last approximately 2 hrs of planting. The row markers raise and lower automatically when you raise and lower the planter hydraulics. The row markers alternate sides, which means you may need to raise and lower the hydraulics twice if you raise the planter in the middle of a row.
- ❑ **Add graphite powder to the seed hopper.** Add one tablespoon of powder to the top of every fourth hopper of corn. The graphite lubricates the finger pickup seed meter.



When Planting

- ❑ **Set the down pressure on the rollers.** Fully lower the rollers with the hydraulics and make sure the front of the planter does not raise off the ground. If it does, reduce the hydraulic pressure on the system using the knob and pressure gauge. Re-lower the hydraulics and adjust until the right balance is found. Generally, less pressure is better than too much, which will impact seed depth.



