

# EQUIPMENT NEWS



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## Uniform Emergence

I don't think we can question the importance of the planter pass. Every planter has to perform the same function: create a furrow, drop a seed, and close the furrow. We need to know if the row units are doing this well. We must make sure to give a plant the most critical advantage it can have; the ability to have the same access to water, nutrients, and sunlight as its neighbor. This is also known as creating uniform emergence.

We've heard that the window for emergence uniformity is 24 hours or less. But what if there are gains to be made by tightening up that window even further? What if we could accomplish a window of 12 hours or less? What is involved in uniform emergence? The easy answer is uniform heat and moisture but then we have to ask ourselves, how do we know if every seed is getting the same heat units and moisture units?

One of the areas that can help us be on our way to uniform emergence is maintaining our planter from the toolbar to the closing system. There are also tools available in the technology toolbox that can remove some of the questions that we ask ourselves when we are planting like, "Am I getting every seed in adequate moisture?", "Am I managing my row cleaners, downforce, and depth to the best of my ability?", "Are my closing wheels performing the best they can in this field?" So start with getting your planter maintained and calibrated correctly before planting starts and then start asking questions about technology that can help you become a better planter manager and set each plant up for the best emergence possible.

Clint Endress, Precision Planting, West Central IL Region Manager



**Stop By or Call and Find Out How we are Updating Planters to Plant Hi-Speed Using Precision Planting, Yetter and Copperhead Products**

# Parts Specials

## 7" & 9" Sweeps

5/16" Thick

Popular Long Wearing design

Dimple to protect premature bolt wear

Extended Nose for longer wear and better penetration

Constant Width Wings-will cut same

width from new until worn out

Quality Boron Steel heat treated for long life

**7" \$7.75 - 9" \$8.00**



## FPU Conversion Kit

Kit to Convert ME2, Plus, XP VAC

Row Units to FPU

Includes New 1.6 Bu Poly Seed Hopper FPU

(2) Pivot Bushings for Seed Hopper

(1) Sprocket 13-19 tooth cluster with bearings.

(1) Chain

**\$130**



## Yetter Drag Chains

Add 5/8" beveled twisted-link chain

crumbles and moves the soil

Attaches easily to tail-wheel

assembly on row units

**\$34**



## Yetter 2967-035 Floating Row Cleaners

Fits factory coulters on: John Deere 7000/7200;

Kinze 2000/3000; White 6100/8000;

Yetter 2960-127 No-Till Coulters

Does not interfere with coulters adjustment

Can be adjusted to float and follow the soil contour

or be locked down to move tough residue

**\$395**



# Seed Tender Maintenance

## Belt Tenders & Auger Tenders

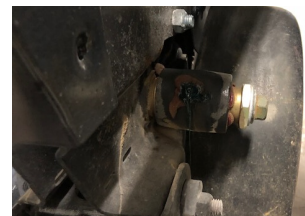


- Check Belt Tension
- Check Wheel Bearings
- Service Engine
- Charge Battery with Slow Trickle Charger
- Check Remote Batteries if Applicable



## Planter Maintenance Tips

- 1) **Row Unit Ride** - Check Parallel Arm Bushings for Play
- 2) **Meter Drive System** - Check for Kinked Chains, Maintain Daily Maintenance and Lubrication, Make Sure Clutch & Meter Aligned
- 3) **Level Planter** - Put a Level on the 7x7 Bar Check to make sure it is not Running Downhill.
- 4) **Corn Meters** - Get Meters Ran on a Stand
- 5) **Seed Tubes** - Check for Wear on the Bottom, If Worn Replace
- 6) **Proper Seed Trench** - If Disc Openers Measure 14 1/2" or Less Replace Them
- 7) **Gauge Wheel** - Check Gauge Wheel Arm Bushings for Wear
- 8) **Closing Wheel Alignment** - Make Sure Closing Wheels are Centered Over the Seed Trench
- 9) **Adjust Row Cleaners** - Make Sure Row Cleaners are Set to Move Trash Only and Not Deep Enough to Move Soil
- 10) **Seed Firmers** - Check Seed Firmers for Wear or Look Into Adding Them for Better Seed to Soil Contact



# Organic Farming Equipment

## Einbock Aerostar - Tine Weeder



The number of tines and the exact tine guidance offer a higher tine vibration in connection with the working width. This better tine vibration allows a better soil preparation, so more pourable soil is created covering the weeds.



## Yetter Rotary Hoes



Comes in 21', 30', 41', 60'

Options:

Heavy Duty Springs

High Residue Arms

Narrow Transport

Double Hoe



## Cover Crop Roller



This style includes a drum that is 16" in diameter and 20' long with 4" long blades. Has a fillable 210 gallon drum.