OPTIMIZE WATER INFILTRATION

The Reservoir Tillage 850 is all about water conservation.

The RT850 is unlike any other reservoir tillage tool. The patent design runs between the rows to create depressions in the ground. This creates a soil profile with better infiltration and permeation, allowing farmers to make optimal use of available water that gets to a field, whether by rain or irrigation.

www.willmarfab.com
Problem: Lack of Water Conservation

Water is life. It's vital to everyone, especially agriculture, and is quickly disappearing from our natural resources. Agriculture uses trillion gallons of water every year for crop production making each drop crucial. Inadequate water conservation can have critical consequences for growers and the environment:

- Lack of water conservation solutions make American farmers less profitable
- Lack of rainfall collection solutions can create pesticide and herbicide runoff from farm fields, polluting rivers and lakes
- Lack of water infiltration increases soil erosion perpetuating a negative cycle of water waste

Solution: Reservoir Tillage 850

The RT850 promotes stewardship and can help farmers collect in their fields as much rainfall as Mother Nature would provide, therefore increasing the amount of water getting to their plants. It optimizes infiltration and delivers other benefits that profits both growers and the environment:

- Conserves water and soil
- Improves yield
- Reduces pollution
- Aerates ground
- Limits runoff
- Creates water reservoirs
- Traps nutrients
- Incorporates liquid or dry fertilizer
- Serves as a row crop cultivator

With the RT850, over a five year average, we estimate one new inch of water per acre per year could be collected.

One new inch of water per acre equals 10 new bushels of corn.

At $3.40/bushel x 10 new bushels/acre equals 34 new dollars per acre of corn.
The patent row units are what make the Reservoir Tillage 850 stand out in a crowded field. They showcase a simple robust design with minimal moving parts and feature 10'' teeth that create depressions and fractures the ground helping to develop a soil profile with better infiltration and permeation.

- Abrasion resistant & austempered ductile iron blade
- Replaceable blades, pitched left & right
- Blades are set on 5.5'' spacing
- Independent suspension
- Sand can be added for additional weight and increase down pressure
- Multiple row unit sizes can be mounted to a bar to customize tillage equipment
- Capable of rolling out of ground if tooth hits a rock or obstruction
- Rubber rod inserts allow movements when obstructions are hit and still transfer down pressure from the bar and tractor three point
- Mounts to a 7'' x 7'' bar
- Individual 2-tooth or 3-tooth row units for sale or available on a 6 - 16 row toolbar

2-Tooth Row Unit

3-Tooth Row Unit
Upgrade your Reservoir Tillage tool with the Gandy Orbit-Air Seeder. This addition allows you to plant cover crops between the rows and can provide split application of nitrogen.

- 31 cu-ft. seeder box with 200 ft' of hose

Gandy Seeder Options:
- Bar mount adapter
- Platform
- Deflectors
- Spring teeth

To learn more about the RT850 or order call Redball at 877-332-2551 today.