

**RESERVOIR TILLAGE 850 – A NEW AND SIMPLE TILLAGE TOOL TO HELP CONSERVE WATER
IN FARMER FIELDS**

**Steve Claussen
President of Willmar Fabrication, LLC
Benson, MN**

Abstract

Water is an important topic in agriculture including growing concerns about conservation and pollution. The Reservoir Tillage 850 is a new and simple tool to help conserve water. It can help farmers collect in their fields as much rainfall as Mother Nature would provide, therefore, increasing the amount of water available for their plants. After four years of development, the RT850 is designed to run between the rows to create depressions to retain both water and soil in the ground using 10 inch teeth. This creates a soil profile with better infiltration and permeation, allowing farmers to make optimal use of available water that reaches a field, whether by rainfall or irrigation. In addition, the use of the RT850 can help decrease compaction within a field. Other benefits to running the RT850 can be positive to the environment. Less water running out of fields and into ditches, streams and rivers, can help limit fertilizers and chemicals getting into the waterways.