

TerraStar Performance

	Tomato	Potato
Yield Increase	36.7%	39.3%
Plant Health	17.6%	12.2%
Bulk Density	-11.2%	-5.3%
Water Fill Pour Space	24.2%	25.1%



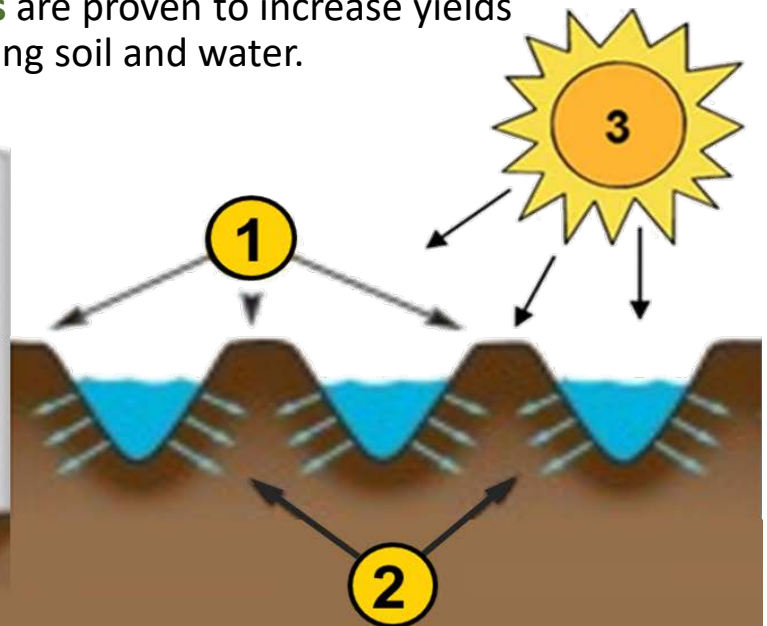
"In the spring of 2017, we installed a TerraStar roller system on our tomato transplanter. The unit performed well and resulted in a good crop with the best quality we have ever produced." Bill Gelfius, Red Gold grower since 1995

TerraStar® Disk Solution for Vegetable Growers

Higher Yields • Sustainable Agriculture • Lower Input Costs

Sustainably Enhanced Grower Performance

TerraManus' patented **TerraStar Disks** are proven to increase yields and reduce input costs while conserving soil and water.



How Does It Work?

- 1 Soil:** top soil is tightly consolidated via imprinting - mitigate soil erosion and enhance soil-seed and soil-root contact
- 2 Water:** imprints (reservoirs) hold water with loosely consolidated sides - reduce runoff and increase water sequestration in the soil
- 3 Sun:** surface area of soil increased - enhance sun exposure and increase access of oxygen, carbon and hydrogen to root zone



Control

TerraStar

Virtually No Runoff with TerraStar



TerraStar



Control

TerraStar Root Mass Over 30% Greater than Control mass

96% of Plant Growth Depends on Soil Condition

By “imprinting” your field (think waffle) **TerraStar** consolidates (vs. compacts) the soil and the soil’s water-fill pore space is increased, sequestering more moisture in the soil and increasing access to the root zone for hydrogen, carbon and oxygen.

Increase Crop Yields and Improve Plant Quality

TerraStar significantly outperformed standard tillage practices in a variety of specialty and row crops across virtually all soil types around the world in eight years of independent field testing.

Produce appearance and consistency were also improved.

Mitigate Soil Erosion and Conserve Water

TerraStar usage reduced soil erosion and runoff (**TerraStar** usage can trap 30 tons of soil per inch of rainfall per acre) leading to a 30% reduction in both water and fertilizer usage and a 50% decrease in ground water nitrates.

Warranty and Service

TerraStar implements and attachments are manufactured by RJ Equipment, carry a two year limited warranty and are serviced by McDonnall Harvester.

Sales

Ask your RJ Equipment, McDonnall Harvester or TerraManus Technologies representative for more details.



TerraStar on Cultivator

“In the spring of 2017, we purchased a new tomato transplanter with the TerraStar system. That summer we had larger tomato plants with more root growth and spread using TerraStar [resulting in a yield increase of over 25%]. Looking forward to seeing more results in 2018.” Murray Ball & Sons, Ontario tomato growers



McDonnall Harvester – Ben Puehler
(419) 583-6593 • Ben@McDonnallHarvester.net

RJ Equipment – Jamie Pickering
(519) 676-4110 • RJEquipment@on.aibn.com

TerraManus Technologies – Gregg Whittaker
(816) 809-1875 • Gregg@GoTerraStar.com