

# THE ANVIL



HAMMERING OUT NEWS, EVENTS AND KNOWLEDGE FROM SUMMERS MANUFACTURING



photo credit: Darrell Smith, Farm Journal

Meet the New 3RT

New Things to Try in 2017

Surplus Bargains Online



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## 3 New Uses for Land Rollers

When most farmers think of land rollers, they think of rolling soybean ground right after planting to push rocks and root balls into the soil. This allows combine operators to run their headers on the ground at harvest time without fear that those foreign objects will damage the machine. Many farmers swear by this practice, and a lot of custom harvesters refuse to combine soybeans on ground that hasn't been rolled.

Over the years, people have come up with other uses for land rollers, such as a no-till solution for breaking down corn stalks after harvest, and we highlighted some of them in a previous article titled, "Four Uses for Land Rollers." However, since writing that article, we've gotten more research results from our partnership with Farm Journal Test Plots and uncovered additional benefits of land rollers that can help increase return on investment even more:

*Story continues on inside.*



# Trying New Things in 2017.

If you talk to some of the top corn, soybean and wheat growers in the world, many of them will tell you that one of the main keys to success is trying new things. At Summers, we've been developing new equipment options to help producers do just that. Here are a few things you can try in 2017:



**VT Flex Applicator:** Fertilizer is one of the most costly inputs on the farm, but it can have the best return on investment, if managed properly. That's why we developed the VT Flex Applicator. With the ability to place up to three fertilizer mediums (dry, liquid and NH3) at high speeds and at high rates (up to 700 pounds of granular fertilizer per acre), it's a great tool for getting your soil fertility in balance. It is also highly customizable for various row spacings and is capable of variable-rate applications for maximizing efficiency.



**Spray Fill Xpress:** Sprayers have quickly become one of the busiest pieces of equipment on the farm, but long refill times can hinder the amount of work you get done during the day. The Spray Fill Xpress allows you to refill sprayers with up to 6 different chemicals in less than 7 minutes to take full advantage of short spraying windows, and helps boost productivity by up to 82 percent.



**SuperRollers:** Summers has been manufacturing SuperRollers for years. But if you read the cover story in this newsletter, you'll see that we keep finding new uses for them. Plus, there's exciting new research being done that shows a significant yield bump in soybeans by rolling them in the early vegetative stages.



**8-Bar Superharrow 3568:** Tine harrows have long been a great tool for managing residue. But as yields have increased dramatically over time, it's not as easy to get as much accomplished with a standard 5-bar harrow anymore. That's why we developed a new 8-bar Superharrow. It does 60-percent more work than a 5-bar harrow, making it a perfect fit for modern farming operations.

The four ideas above are just a taste of our new products and applications. We encourage you to visit your local Summers dealer to see what else is working in your area, because there are many ways we can help you push productivity higher in 2017.

*You have our word on it!*



**BRIAN PERKUHN**  
Vice President of Sales

Continued from cover story.

## 1 Rolling Soybeans in Early Vegetative Stages

It's not necessarily a new practice to roll soybeans during their early vegetative stages to encourage more vigorous growth. But until recently, no formal research has been conducted on the subject. Lately, we've been working with agronomist Ken Ferrie and the Farm Journal Test Plot program, and so far the research results have been very promising.

Much of the research is based on evidence that more vegetative growth in soybeans doesn't necessarily translate into higher yields. Therefore, they've been using land rollers to lightly stress the plants during early growth stages with the goal to increase branching and shorten internodes, leading to higher yields. So far, it appears that the ideal window for rolling soybeans post emergence is V1 to V2. Starting at V3, there is greater risk for breaking the plants below the cotyledons, which can have a negative effect on yields.

Results from 2014 and 2015 test plots showed a fairly consistent response to rolling during early V stages, with an average yield gain of three bushels per acre. At current cash prices and custom rates for land rolling, this provides a solid return on investment. Stay tuned for 2016 yield data, which will be published by *Farm Journal* soon. We think you'll be pleasantly surprised.







## 2 Pasture/Hay Land Renovation

Land rollers actually serve a couple purposes when renovating pasture or hay land. First, they can help knock down dirt mounds and smooth the surface, making conditions much more ideal for mowing and driving across. Second, it works great to make a pass with a land roller after broadcasting seed. Not only does this smooth the surface, as mentioned previously, but it also helps push the seeds into the ground to increase seed-to-soil contact and help improve germination.

## 3 Cover Crop Seeding

Land rollers can be used to seed cover crops, too. We have equipped our SuperRollers with a seed hopper, hoses and fan for an economical, fast and effective way to seed cover crop mixes. Using a land roller instead of a broadcast application helps improve seed-to-soil contact for better germination.



Find out more about our Land Rollers by visiting: [summersmfg.com/land-rollers](http://summersmfg.com/land-rollers)

## Meet the New 3RT

Farmers have been asking for a versatile, compact tillage tool for filling ruts, reclaiming land and doing spot tillage. So, we recently launched the customizable 3RT platform of tillage tools. These new products are 3-point hitch mounted for tackling many of those small but important tillage jobs around the farm.

**3RT 2010:** This model is designed for track filling with two sets of disks that can be configured for 90-, 120- and 132-inch spacing. It has dual-mounted concave disks in the front and coulter blades in the back for creating a smooth, level soil profile.

**3RT 2110:** For reclamation and spot tillage, the 2110 is equipped with disks the entire width of the implement. There are dual-mounted disk blades in the front and coulter blades in the back.

**3RT 2210:** This model is similar to the 2110, but with dual-mounted concave disk blades in both the front and back for more aggressive performance.



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We have a variety of demo equipment, lightly used items and other surplus products for greatly reduced prices on our website. Visit [summersmfg.com/surplus](http://summersmfg.com/surplus) to shop the latest deals, like this 30-foot Supercoultter in Grand Island, Nebraska, for only **\$33,976!**



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