

THE ANVIL



HAMMERING OUT NEWS, EVENTS AND KNOWLEDGE FROM SUMMERS MANUFACTURING

Spray Fill Xpress Greatly
Decreases Fill Times

Green or Red – You Pick!

Rolling Basket Benefits

New 3-Year Warranty

Section 179 Tax Extender



FINOVATION
2016 HONOREE

VRT2530 Wins 2016 FinOvation Award

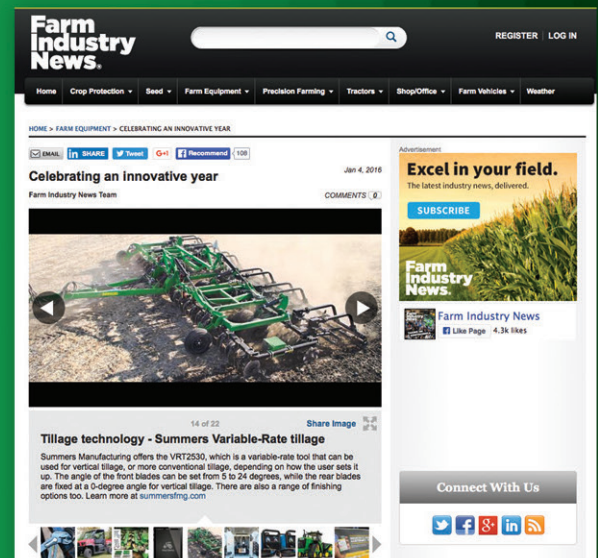
Summers Manufacturing recently received a 2016 FinOvation award for the VRT2530, the implement that launched our Variable Rate Tillage™ platform.

The FinOvation award is an annual program that recognizes the year's most popular new product introductions in agriculture. Recipients are selected by the readers of Farm Industry News, a publication distributed to the largest corn, soybean and wheat producers in the U.S.

With the ability to adjust aggressiveness on the go by shifting pressure between front-mounted disk blades and rear coulter blades, the VRT2530 allows farmers to customize field finish and react to varying field conditions. It also spawned the newest

rendition in the Variable Rate Tillage category, the VRT3530. With dual-mounted, angled, low-concave disk blades on the front and rear, the VRT3530 achieves greater soil movement than the VRT2530 and is an ideal high-speed tillage tool at deep cutting depths.

**To find out more about
Summers' Variable
Rate Tillage technology,
visit [summersmfg.com/
tillage/vrt2530](http://summersmfg.com/tillage/vrt2530)**



The screenshot shows the Farm Industry News website interface. At the top, there is a search bar and navigation links for Home, Crop Protection, Seed, Farm Equipment, Precision Farming, Tractors, Shop/Office, Farm Vehicles, and Weather. The main content area features an article titled "Celebrating an innovative year" with a sub-headline "Tillage technology - Summers Variable-Rate tillage". The article includes a video player showing the VRT2530 implement in operation. To the right, there is an advertisement for "Excel in your field" and a "Connect With Us" section with social media icons for Facebook, Twitter, LinkedIn, and YouTube.

Happy 2016!

Although it's a bit belated, Happy New Year from all of us at Summers! Even with winter still firmly in our midst, our thoughts are on preparing for the spring, planting and another bumper crop.

Speaking of which, seedbed prep is always a topic of conversation before the thaw. We discuss how rolling baskets can impact it in this issue of The Anvil, along with one of our newest and most anticipated products: the Spray Fill Xpress. With time worth more than ever these days, every second counts. The Spray Fill Xpress maximizes your sprayer's performance by greatly decreasing fill times. It's a game changer.

And with another year comes another season of travel to expos and shows across North America. Summers was represented at several venues in January, including Manitoba Ag Days, MAGIE, Sioux Falls Farm Show and the KMOT AG Expo.

February is shaping up to be a busy month, as well. You can visit us at the following shows:

- **Iowa Power Farming Show,**
Feb. 2-4, Des Moines, Iowa.
- **Spokane Ag Expo,**
Feb. 2-4, Spokane, Wash.
- **National Farm Machinery Show,**
Feb. 10-13, Louisville, Ky.
- **International Crop Expo,**
Feb. 17-18, Grand Forks, N.D.

Come see what Summers is all about. We're sure you'll see firsthand many examples of Summers' innovative technology.

**You have our
word on it.**

**BRIAN
PERKUHN**
Vice President
of Sales



WHEN YOU N

The Spray Fill Xpress greatly decreases fill times, increases productivity. There's a saying that the more things change, the more they stay the same. Farming certainly holds to that. When progress is made, it's usually incremental. Rarely does something so groundbreaking come along that it completely changes a farmer's approach.

Take sprayers, for instance. Pull-behind and self-propelled sprayers have helped increase yields and are commonplace on farms across the world. Yet, although technological advancements may make sprayers bigger, faster or more precise, they're still limited by a simple drawback: It takes valuable time to fill them.

As tanks get bigger, these fill times take longer.



**Reap the Rewards While You Can, Because the
Summers Prepay Program Ends March 10.**



The program runs from December through March, and offers declining discounts on orders as the program matures. Hurry to take advantage of the savings before they're gone! Contact your local dealer or visit summersmfg.com/prepay-program for more details.

NEED SPRAYER SPEED

SPRAY FILL Xpress
SFI 2430
SUMMERS

Realizing this drawback, Summers invented the Spray Fill Xpress. Now the one limiting factor of sprayers, the amount of time it takes to fill them, has been marginalized to a point of almost being a non-factor.

Numbers Don't Lie

Fill times can vary depending upon different aspects, but for the sake of argument let's say it takes about 30 minutes to conventionally top off a 1,200-gallon sprayer. If that sprayer is applying 15 gallons per acre with a ground speed of 16 miles per hour, it'll cover about 1,140 acres in a day, but must stop to refill 14 times. For most farmers, that's a pretty productive 12-hour shift.

Now let's add the Spray Fill Xpress into the equation. Recall that it took about 30 minutes to fill the sprayer with the conventional method, so that would result in about 7 hours total of downtime for the 14 refills.

The Spray Fill Xpress can slash fill times down from 30 minutes to roughly 7 minutes. With that in mind, the same sprayer putting down the same amount of liquid at the same speed can get in 26 spray/fill cycles in the same 12-hour day, which covers just over 2,000 acres. That's 932 acres more than conventional filling — an efficiency increase of 82 percent.

Feature-Packed Product

The secret to all that filling speed lies in the innovative design and application built into the Spray Fill Xpress.



It begins with the unit itself, which is modular and can be customized with 3, 4, 5 or 6 tanks in 40- or 80-gallon capacities, for a totally capacity of up to 240 gallons. These tanks each hold individual chemicals, which are precisely premeasured thanks to available flow meters and scales. They also remain harmlessly separated until added one at a time to the water stream.

The tanks are stainless steel and deep with aggressively angled walls. This reduces splash back when pouring chemicals, and is integral to moving chemicals quickly into the sprayer.

Each tank also has a handy jug rinse system for convenient cleaning of both jugs and, with the lid closed, the tanks themselves. The attached



rinse wand is useful for cleaning, or for making slurry during dry chemical induction. All of the rinse water is easily sent right to the sprayer while filling.

The 3-inch plumbing allows for maximum water flow. When coupled with the available 13-horsepower Honda engine and coordinating 3-inch pump, the water can flow up to 440 gallons per minute.



The benefits of adding a Spray Fill Xpress to a sprayer tending trailer are readily apparent. While the sprayer is in the field, a person on the trailer can premeasure the chemicals into their respective tanks. When the sprayer returns, it's as easy as connecting it to the Spray Fill Xpress, starting the pump and opening some valves.

Although farming innovations don't always move the needle a great amount, the innovative technology from Spray Fill Xpress may just make farmers rethink their approach to spraying.



To see the Spray Fill Xpress in action, visit summersmfg.com

Introducing our 3-Year Field Tested Tough™ Warranty

We at Summers stand behind our work. And to show it, we're fortifying our warranty. Instead of 12 months from the point of sale, Summers is now offering a 3-year limited warranty on the components and products we manufacture (terms and conditions apply). That means for a full 36 months, we'll replace, free of charge, any components we make on any product we build that inspection shows to be defective. For complete details, visit summersmfg.com/warranty-information.



*Terms and conditions apply.



Rolling Basket Benefits

Rolling baskets definitely have their time and place, however many farmers in areas with tacky or muddy soils shy away. Conventional rolling baskets quickly gum up in the mud and become virtually useless.

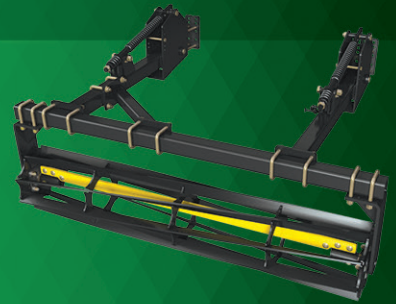
But the Summers rolling basket is different. With its patented internal mud scraper, the basket continues to work effectively and efficiently in some of the muckiest ground around.

When integrated into your farming operation, rolling baskets have several advantages:

- *They excel at breaking clods and leveling.*
- *Baskets are preferred for seedbed prep because they knock down peaks and level valleys left from field cultivators or finishers.*
- *Rolling baskets can be run in tandem with harrows, offering the toughest residue management one-two punch.*

Summers rolling baskets are feature-packed, too. Aside from the internal mud scraper, they boast:

- *Super strong 3-inch square mounting arms.*
- *Relubricable, triple-sealed bearings for maximum dependability*
- *Heavy-duty springs absorb shock during transport and help the baskets achieve optimum seedbed firming and preparation.*



For more information about Summers rolling baskets, visit summersmfg.com/mounted-attachments/mounted-rolling-basket



Green or Red — You Pick!

Farmers like to run a smooth operation. It's about margins and efficiency, as well as appearance. This means keeping equipment clean and in tune, and sometimes even coordinating tractors with implements. It doesn't mean they work better together, but at least they look good. Color can be important. Brand loyalty is fierce between Team Red and Team Green in the agriculture world. We get that.

We've also listened to farmers who, although they enjoy Summers' hallmark green color, want another

option. Well, now you have a choice. Any time you order custom equipment from Summers – whether it's a new SuperRoller, Diamond Disk, rock picker or whatever – pick the color that fits your operation best: green or red.

It's that simple.



To find out how to get order custom Summers equipment in red, visit summersmfg.com/paint-options

Section 179 Tax Extenders Become Permanent

Just in time for the holiday season, the United States Congress showed bipartisan support in passing Section 179. President Obama signed it into law December 18.

But unlike previous years, it was made retroactive for 2015 with a \$500,000 deduction limit (without the measure the limit was \$25,000), as well as made permanent moving forward.

"This tax extender package gives farmers and ranchers critical tools to help them reinvest in their businesses," said Bob Stallman, president of the American Farm Bureau Federation. *"New provisions will let our members make important upgrades that*

reduce costs, increase efficiency and help make their businesses sustainable for generations to come."

With farmers now breathing a bit easier thanks to some certainty in the tax code, they can take advantage of it when considering the purchase of new Summers equipment.

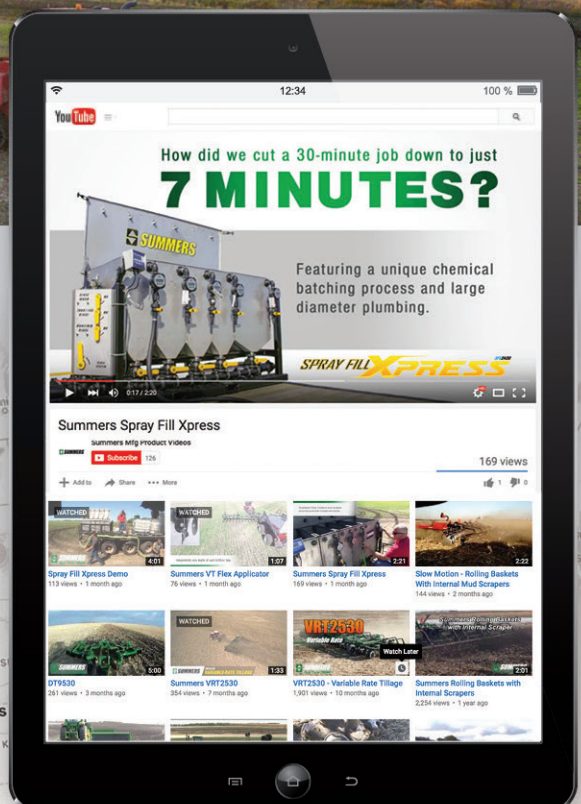


For more information on exactly what Section 179 offers, visit www.section179.org



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