

STORM

Customer Issue with Treating Seed

STORM Solution

***"I never know if I am putting
the right amount on..."***

(Eliminates Uncertainty of Application Rates)

- The metering conveyor provides accurate metering of seed
- Peristaltic metering pumps ensures accurate metering of liquid products
- The Proportional Electronic Controls operate the pumps and the metering conveyor so that application rates are always maintained regardless of treating speed
- The system is pre-programmed with Bayer CropScience's market leading seed treatments making product application simple

***"How do I know if my seed
coverage is good enough?"***

(Eliminates Uncertainty of Coverage)

- Nozzles are used to provide primary coverage of treatment on the seed
- The integrated tuned mixer completes the process ensuring proper coverage each and every time

"I don't like left-over treated seed."

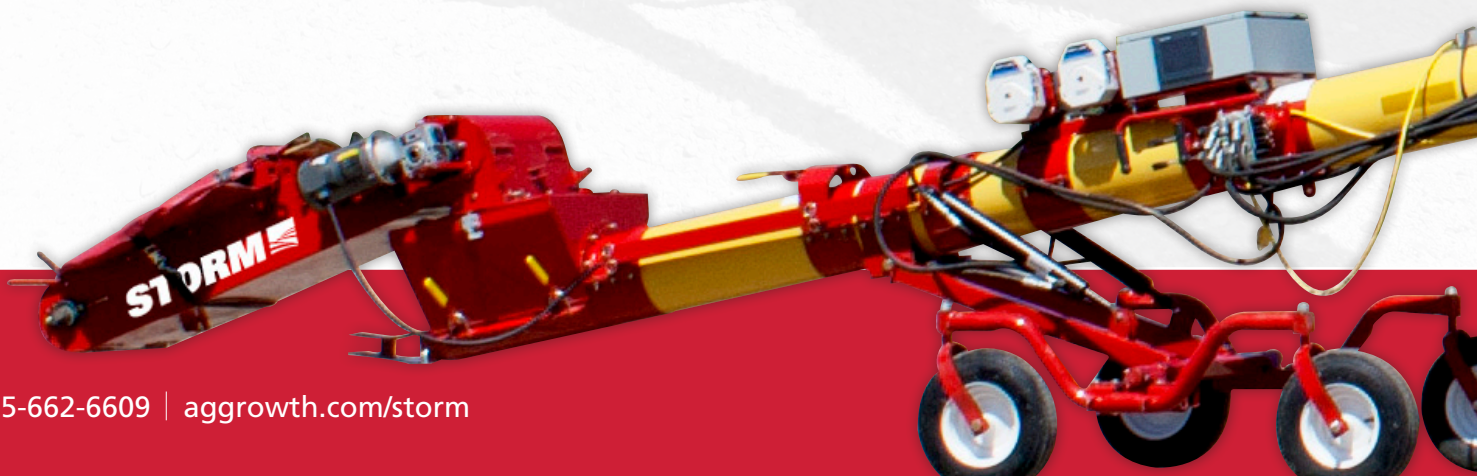
(No Left-over Treated Seed)

- The electronics feature a batch control function that allows the producer to select a quantity of seed to be treated. It will stop the machine when this goal has been achieved
- As well, accurate seed metering ensures total control of the amount of seed to be treated

***"Treating seed is such a mess!
Everything seems to end up pink..."***

(Reduces Mess and User Exposure)

- The system is completely enclosed. A user can connect directly to product containers and treat seed without handling the product
- Dry-break couplers are used for connecting to containers
- The closed calibration system reduces open handling of seed treatments
- Multiple pumps allow for simultaneous application - eliminating mixing of products
- Electronic controls provide quick stops and starts in the case of an issue.
- Process feedback eliminates misapplication



STORM

Customer Issue with Treating Seed

STORM Solution

“Cleaning up after treating is difficult and time consuming...”

(Simple and Contained Cleanout)

- The reversible mixing device makes cleanout simple
- Application chamber utilizes a self-cleaning process for clean-out
- Pumps are reversible allowing the product to be put back into containers after treating is done
- “Flush-out” function in the electronic controls allows user to connect to a water source and rinse the entire plumbing system with ease

“I end up doing the treating because I am the only one that can do it.”

(So Simple Anyone Can Do It)

- Electronic controls makes it easy to properly apply seed treatment products to the seed. It eliminates the need for charts, calculators, and stopwatches
- Pre-programmed products, simple calibrations, and constant feedback assures the user that the job is being done correctly
- Enclosed process reduces exposure making the process safer – almost anyone can do it

“I’m putting on more than one product. There is no way it can be done without mixing.”

(Reduces Product Handling)

- Two pumps allows two products to be applied simultaneously providing flexibility in application and eliminating the need to mix some products

“Treating is an added step that I have to do when I am busy. I don’t have time for it.”

(Eliminates the Hassle / Inconvenience of Treating Seed)

- Treating process is completely integrated in the transfer of seed from a bin to a truck or truck to truck or truck to bin
- Completely integrated device. Very mobile so easy to move from location to location or seed source to seed source (Bin or truck)
- Can be used to pre-treat or as a just-in-time solution



Bayer CropScience