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)

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

(No Left-over Treated Seed)

- 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

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 S

Customer Issue with Treating Seed

STORM Solution

"Cleaning up after treating is difficult and time consuming..."

(Simple and Contained Cleanout)

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

(So Simple 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)

"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)

- 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
- 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
- Two pumps allows two products to be applied simultaneously providing flexibility in application and eliminating the need to mix some products
- Treating process is completely integrated in the transfer of seed from a bin to a truck or truck to 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



