

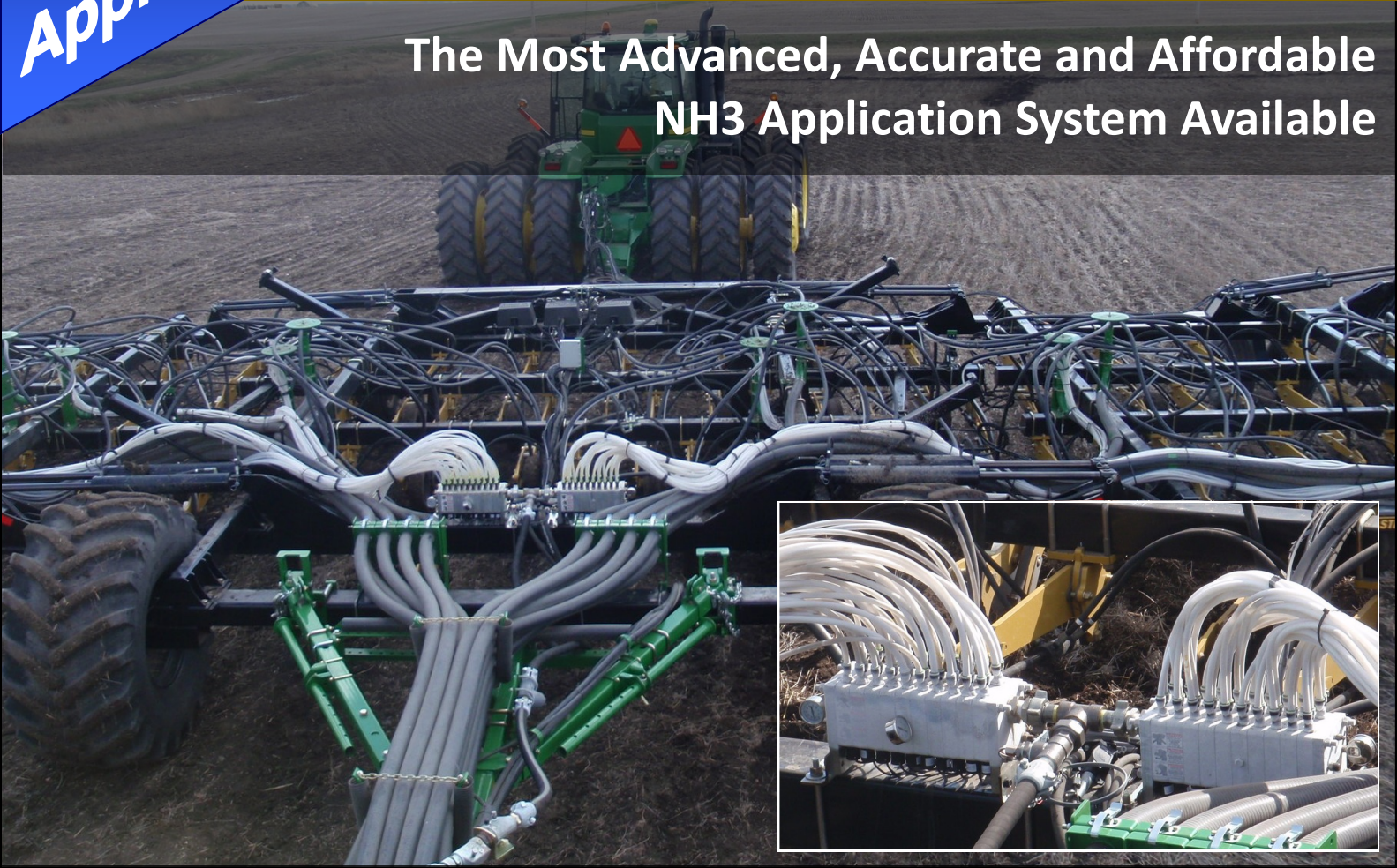
**Fertilizer  
Application**

**N-Ject®**

Patented  
Additional Patents Pending



**The Most Advanced, Accurate and Affordable  
NH<sub>3</sub> Application System Available**



When accuracy matters in your NH<sub>3</sub> application, N-Ject is the only answer to your needs. N-Ject utilizes Pulse Width Modulation (PWM) to precisely apply NH<sub>3</sub>. The unique design of the manifold allows uniform application on both hilly and flat terrain. PWM solenoids regulate flow to each row giving you the highest degree of row-to-row accuracy available at an affordable price.



Capstan includes 3 FREE boom sections of control in the factory-supplied base kit for N-Ject. The toolbar can be customized up to 9 boom sections to meet your automatic section control needs.

N-Ject is a must for the variable-rate applicator. The PWM technology gives the operator a 25:1 rate range. This huge range is sure to meet the needs of your prescription-based map. The PWM solenoids acquire rate quickly when moving through grids.

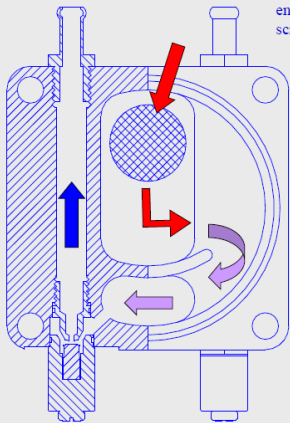
# N-Ject<sup>®</sup> The New Standard for NH<sub>3</sub> Application

## How N-Ject<sup>®</sup> Works?

7. NH<sub>3</sub> leaves the outlet tube and is routed to the knife for application to field.

6. NH<sub>3</sub> liquid vaporizes in the outlet passage causing the cooling tubes to get very cold.

5. The solenoid valve pulses open to allow the correct amount of NH<sub>3</sub> into the outlet passage.



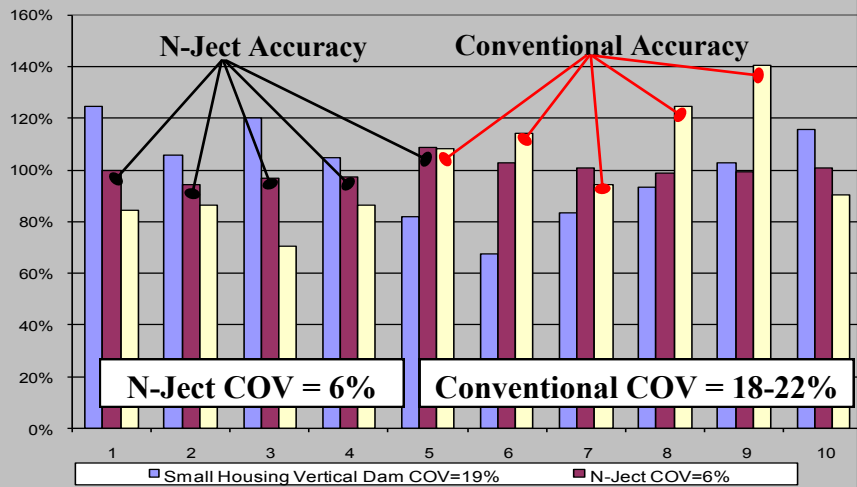
1. Warm NH<sub>3</sub> liquid and vapor enter from tank, pass through screen, and enter inlet chamber.

2. Gravity helps to separate vapor from liquid.

3. NH<sub>3</sub> passes between cooling tubes to condense vapor into liquid.

4. Super cooled NH<sub>3</sub> Liquid enters the rail passage ready for metering.

Shank Distribution @ Side Dress Rates (25#N/acre)



COV is a measure of row-to-row accuracy. A high COV leaves unwanted streaks and entire fields with misapplication. Why even consider a variable rate program before you can figure out how to get what you need where you need it? With N-Ject's 6% COV, you can guarantee that your application will be on target.

### Example: Applying 150#N/acre

#### Conventional (22% COV)

50% of knives apply between 125-175#N/acre  
 50% of knives apply higher or lower than 125-175#N/acre

#### N-Ject Technology (6% COV)

50% of knives apply between 144-156#N/acre  
 50% of knives apply higher or lower than 144-156#N/acre



In a row-to-row accuracy comparison of N-Ject technology to conventional technology, N-Ject blows the doors off the competition. Note the 3X greater row-to-row accuracy of N-Ject!

**Why do your next anhydrous application without it?**