



360 EQUI-FLOW™

BOOST ANHYDROUS AMMONIA ROW-TO-ROW ACCURACY

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Anhydrous ammonia is an economical and practical way to establish a base application of nitrogen. Traditional cold-flow anhydrous application systems rely on tank pressure for distribution and injection. That makes these systems dependent on air temperatures — and is one reason for uneven distribution from knife to knife. It also limits the application window — too cold and there is no flow.

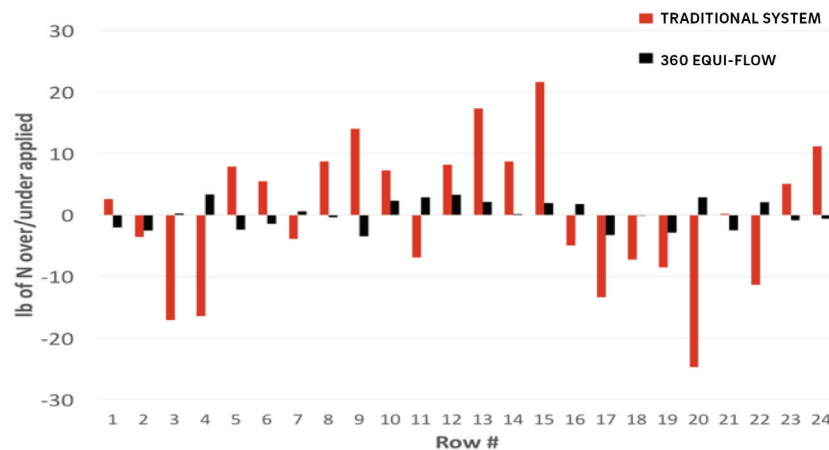
360 EQUI-FLOW™ keeps ammonia in its liquid state all the way to the knife, increasing row-to-row accuracy. And its pressurized system can operate efficiently and accurately at low temps.

HOW 360 EQUI-FLOW WORKS

- 1 Ammonia from the tank is delivered to the initial filter.
- 2 In the tower, the ammonia is separated into gas and liquid. The vapor is condensed back into liquid and it all moves to the pump.
- 3 The hydraulically driven centrifugal pump pushes 100% liquid ammonia through the flow meter and control valve to the manifold.
- 4 The equal distribution manifold equalizes flow to each outlet.
- 5 Every row gets the same amount of ammonia in a liquid state.

360 EQUI-FLOW SIDE BY SIDE TESTING

Tests with conventional systems and 360 EQUI-FLOW show the difference in row-to-row accuracy. At 120 pound application rate, the traditional system varied by over 20% and under 20% with a total error range of 45%. The 360 EQUI-FLOW application range was plus/minus 4%.



KEY FEATURES

- A Centrifugal pump condenses NH₃ into liquid for even application, regardless of rate and temperature.
- B Row-to-row variation shows up at the worst time for corn production. 360 EQUI-FLOW produces precision application for row-to-row accuracy.
- C Improved sealing at injection point, minimizing losses.



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"360 EQUI-FLOW is the only way I would apply ammonia. I would not feel comfortable applying ammonia without it. It's a total game changer in the ammonia market."