



| 360 RAIN®

## 1/2" PER WEEK. LOW VOLUME WELLS. FERTILIZE AND IRRIGATE IN ONE PASS.

By delivering bands of water directly to the base of the plant, 360 RAIN® provides advantages over traditional irrigation methods. 360 RAIN requires much lower volumes of water than traditional pivot systems. Depending on field size, wells need to provide just 100 to 225 gallons per minute to the system. Plus, 360 RAIN can water irregular shaped fields that do not fit typical center pivot systems.

The 360 RAIN system also provides 100% field coverage - no special equipment needed to cover the corners that are typical to center pivot fields.



## DELIVERING WATER, NUTRIENTS, FUNGICIDES AND MORE - DAY AND NIGHT

With a 60 or 80-foot boom, 360 RAIN applies water through Y-DROP style hoses. Up to 2,900 feet of 3-inch diameter hose is dispensed by a computer-controlled reel. The machine moves up and down the crop rows as the well-tethered reel dispenses and retrieves hose. At 0.45 mph, 360 RAIN can apply over 2,000,000 gallons of water per week - the equivalent of one inch of rain over an 80-acre field from a well producing just 215 gallons per minute. And then start again. And again. Providing the three or four inches of critical moisture that activates soil microbes, enhances grain fill and allows plants to thrive.

## A NEW CONCEPT WITH PROVEN TECHNOLOGY

360 RAIN is a three wheeled electric vehicle and uses a small diesel engine to efficiently recharge batteries. Electric drive motor provides the power and torque to move the machine through hills, wet soils and side-hill slopes. 360 RAIN follows paths created by your planter. So wherever the planter goes, 360 RAIN will follow.

## SOLVE YOUR MANURE APPLICATION ISSUES

Inject cattle or hog manure into the water supply and 360 RAIN becomes the ideal, in-season manure application tool. An optional manure manifold system includes an impeller to break up solids and allow timely application.

## STRONG CROP RESPONSE

Three years of test data show a strong yield response to a timely dose of low volumes of water and nutrients. In replicated side-by-side trials, test strips that received just 4.5 inches of water from 360 RAIN through the growing season generated an additional 65 bushels per acre - a 32% improvement over non-irrigated strips.



## SMALL DETAILS MAKE A BIG DIFFERENCE

- A** Seven-foot clearance under the frame. 10 foot under booms.
- B** Reel speed is matched to ground speed and includes a dispenser that allows the hose to stay in position on turns and curves, so it does not damage crops. Ability to work in irregular shaped fields where center pivots are not practical.
- C** Lower water demands - operating on wells or reservoirs with 75% less flow capacity of pivot systems.
- D** Variable rate nitrogen, water and micronutrients.
- E** Efficient delivery of nutrients such as nitrogen, sulfur, boron and other micronutrients.
- F** Provides the opportunity to apply liquid hog and dairy manure in-season for better timing and efficiency.



### MIKE PERRY *from* MARKESAN, WISCONSIN

"360 RAIN has brought incredible flexibility to our operation. From water to fertilizer to manure, we can give our crop exactly what it needs, at exactly the right time. With 360 RAIN in the field every day, ready to go, we have some happy crops!"