

360 Y-DROP



Q DO I NEED A STABILIZER IF I USE 360 Y-DROP?

True that we normally do not like to have UAN sitting on top of warm soils. But because 360 Y-DROP is applying liquid nitrogen to the base of the plant – under the shade of the crop canopy – and because stem water will quickly move the nitrogen below the soil surface, we generally don't recommend the use of a stabilizer. In young corn that has not canopied, a stabilizer could be used.

Q DOES 360 Y-DROP KNOCK DOWN CORN ON THE END ROWS?

The flexible riser used on 360 Y-DROP minimizes crop damage on turns. A spring and cable built into the riser allows the base to weave between plants.

Q WHAT RANGE OF APPLICATION RATES CAN YOU APPLY WITH 360 Y-DROP?

Application rates are determined via the orifices used in the 360 Y-DROP base. The system's rate capacity is determined by the pump, plumbing, speed and orifice size. The 360 Y-DROP system itself does not limit capacity. Typical rate ranges are 40- to 120 units per acre.

Q CAN I PUT 360 Y-DROPS ON THE SECONDARY AND TERTIARY BOOMS OF MY APPLICATOR?

No. These outer booms cannot support the weight of the 360 Y-DROPs and it would not be possible to fold the outer booms without removing the 360 Y-DROPs for each folding sequence.

Q DO I HAVE TO HAVE A TALL APPLICATOR TO USE 360 Y-DROP?

The system fits most sprayer makes and models. The taller the applicator, the later you can make an application. But the bulk of the nitrogen sidedress applications occur around V10. Standard height applicators can easily handle applications at V10 and V11.

Q WILL I HAVE ANY TROUBLE LIFTING MY BOOM WITH 360 Y-DROP INSTALLED?

Some older model Deere and Hagie applicators require a lift assist cylinder to improve lift performance. This doesn't show up often, but can exist. Our product support team can help identify applicators that might have an issue.

Q DOES 360 Y-DROP CAUSE LEAF OR BRACE ROOT BURNING?

Even at high application speeds, the 360 Y-DROP hoses remain on the soil surface and won't flop around. There is rarely any salt burn on the lower leaves or on braceroots. It is important that the 360 Y-DROP bases be operated approximately 12" above the ground. There can be some burn on leaves in the headlands as the hoses weave through the corn. There is minimal damage from this and growers can add check valves to eliminate these drips on the end rows.

Q HOW DO I USE 360 Y-DROP IN DOWN OR GOOSENECK CORN?

Running 360 Y-DROPs in down or gooseneck corn is not recommended.

360 Y-DROP CONTINUED

Q CAN I USE 360 Y-DROP ON HILLS OR TERRACES?

360 Y-DROPS handle uneven terrain and will track through corn in terraces and curves. On hillsides, it is often the applicator that struggles to maintain position and can move 360 Y-DROPS off target – especially in rear-boom applicators. We have launched boom height and steering controls for 360 Y-DROP that improve performance in these conditions.

Q SHOULD I USE VARIABLE RATE NOZZLES?

For typical on-farm applications of sidedress nitrogen, the flat disk orifices provide an adequate range of rates without the added expense of VR nozzles. In some customer applications, VR tips may provide an extended range that would prevent the need to change disk orifices.

Q HOW FAST CAN I DRIVE?

10 to 12 mph is common, but there are no speed restrictions due to the 360 Y-DROP system.

Q DO I NEED TO CHANGE THE SETUP OF MY MONITOR?

Generally, there is no change to the monitor setup.

Q WHAT KIND OF PRESSURE SHOULD I RUN?

30 to 60 psi is optimal.

Q WHAT IS THE BEST POSITION FOR THE 360 Y-DROP BASES?

To maintain the ideal drag hose position, the bases should be 10" to 12" from the ground.

Q WHERE DO THE ORIFICES GO?

Each row takes two orifices. They are located between the male and female quick connects on the base unit.

Q DO I NEED A CHECK VALVE?

There is a minimal loss of liquid on the end rows. But a check valve can easily be added to eliminate the loss and minimal splatter during turns.

Q CAN I DO TWO PRODUCTS AT ONE TIME?

360 Y-DROP and 360 UNDERCOVER can be used together only if your applicator has a dual tank, dual pump and dual wet boom system.

Q HOW MUCH DOES THE SMP (SPRAYER MOUNT PACKAGE) WEIGH?

Approximately 1,000 for a 60' kit.

Q WHAT IS THE HIGHEST RATE I CAN APPLY WITHOUT DAMAGING THE PLANT?

It depends . . . but we have seen volumes as high as 60 gallons per acre applied with no crop damage.