



360 UNDERCOVER

BEST PRACTICES

🌱 ADD VALUE TO YOUR SPRAYER ASSET

Extend the season for your applicator. No need to hire custom aerial application services. 360 UNDERCOVER can be mounted to self-propelled sprayers or other applicators for flexibility of in-season application.

🌱 HIT THE TARGET

Take direct aim at the target by adjusting nozzle height, nozzle pattern and coverage pattern. And, direct foliar applications of fungicides/insecticides/plant nutrients to the crop, not the row middles, resulting in less waste.

🌱 BETTER COVERAGE

Provide better coverage with less carrier volume (12-18 GPA).

🌱 ADD 360 Y-DROP

The mount package used for 360 UNDERCOVER can be used to carry the 360 Y-DROP system. This is a low-cost way to add even more value to your applicator investment.



✓ PREPARATION PRIOR TO APPLICATION

Set monitor in cab to reconfigure section control. The discharge distance from your receiver is likely further back than your standard nozzle distance.

Use tip screens (100 mesh) to filter any debris that may be carried in the solution.

In addition to applying via 360 UNDERCOVER, an additional nozzle can be used at the OEM boom to add coverage to the top of the canopy in tall/dense canopies.

Nozzle selection can vary depending on application, however, 360 Yield Center generally recommends a wide angle flat pattern nozzle (Turbo Teejet/Guardian) in the side positions and a twin orifice (Turbo Twinjet/Guardian AirTwin) in the center position to maximize coverage. Use orifices with a wide pressure range to accommodate changes in speed and volume.

✓ KEYS TO COVERAGE IN CORN APPLICATION

When applying in a "shaded" corn canopy, use the side nozzle positions to "paint" the sides as they pass by the plant and the "upward" position of the manifold to cover the underside of leaves and project coverage into the upper canopy.

Running 360 UNDERCOVER just above the ear leaf means product hits the target area for disease development. By applying from within the canopy, lower carrier volumes (12-18 GPA) can be utilized - decreasing the number of fills and increasing application efficiency. Carrier rates will be influenced by how many nozzle positions are being used including the OEM nozzle position. Size nozzles with a target of 40-50 psi at desired operating speed. Most nozzles have optimized patterns in this pressure range and creating the correct pattern is more important than using ultra-high pressures.

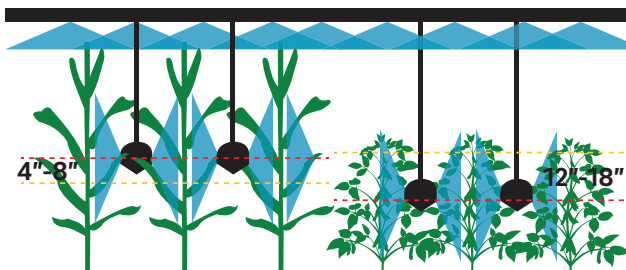
✓ KEYS TO COVERAGE IN SOYBEAN APPLICATION

Utilize nozzles on the left and right hand outlets of the 360 UNDERCOVER manifold to "paint" the crop as the sides pass. Additionally use the nozzle position pointing straight back to "fill in the gaps."

Position 360 UNDERCOVER just below the canopy. The unit passing through will open up the canopy allowing application to the interior surfaces of the plant.

The OEM boom nozzle position can be utilized to get coverage to the top of the plant where new trifoliates may be developing.

Positive results have been seen in all soybean row widths. Coverage into the canopy where diseases start is a key to higher returns.



CORN

360 UNDERCOVER positioned 4"-8" above the ear leaf.

SOYBEANS

360 UNDERCOVER positioned 12"-18" below the canopy.