



# 360 YIELD CENTER 2020 FIELD REPORT

## CLOSING SYSTEMS' IMPACT ON GERMINATION AND YIELD

TREMONT, IL

### PURPOSE

360 Yield Center introduced a new style of closing system that rolls moist soil from the bottom of the seed trench over the seed in order to pre-close the seed trench before the row unit's closing system pinches the top of the trench closed.

In this study, seven different closing system combinations were tested with the goal of determining which systems improved germination, ear count and yield.

### RESULTS

CLOSING SYSTEM	FIRMING SYSTEM	YIELD	DIFFERENCE FROM CONTROL
Rubber Wheels	Keeton Seed Firmer	225.2	Control
Furrow Cruiser	Keeton Seed Firmer	227.1	+ 1.9
Cast Wheels	Keeton Seed Firmer	231.4	+ 6.2
2-Stage Controlled	Keeton Seed Firmer	232.1	+ 7.4
2-Stage Controlled	FurrowJet	236.7	+ 11.6
Rubber Wheels	<b>360 WAVE</b>	<b>239.1</b>	<b>+ 14.0</b>
Cast Wheels	<b>360 WAVE</b>	<b>239.6</b>	<b>+ 14.5</b>



RUBBER WHEELS



FURROW CRUISER



CAST WHEELS



2-STAGE CONTROL

### ★ KEY TAKEAWAY

There are hundreds of different closing wheel and firming combinations that work by creating seed to soil contact by firming seeds in the bottom of the seed trench and pinching the slot closed by applying pressure from the surface.

360 WAVE uses a different strategy to envelope the seed in moist soil by rolling soil from the bottom of the seed trench over the seed.

**Based on the results of these side-by-side tests, the bottom-up closing method improved yield.**

