

# PUTTING MORE KERNELS IN THE GRAIN TANK WITH 360 YIELD SAVER

- + **REDUCE SHELLING:** 360 YIELD SAVER cushions the force of impact when ears hit deck plates and gathering chains. By cushioning the impact, there can be up to 60% less ear shelling .
- + **INCREASE CAPTURE:** By eliminating the gap between deck plates, 360 YIELD SAVER collects and delivers loose kernels to the cross auger .
- + **SAVE THE "NUBBINS":** 360 YIELD SAVER helps bring small ears into the corn head that otherwise fall through the deck plates and are shelled out by the stalk rolls.
- + **SIMPLE INSTALLATION:** It's just as easy as changing traditional gathering chains. Same sprockets. No special tools. Replacing brush blocks is fast and easy, too – zip out the retaining screw, remove the old block, snap on a new block and reinstall the screw. It takes about ten minutes per row.
- + **WORN IS NOT WORN OUT:** Bristles will get shorter, but they are still doing their job. Don't get concerned when they start to look a little ugly – the kernel savings are still beautiful.





## PREPARATION PRIOR TO HARVEST

- + Check condition of drive and idler sprockets. All chains perform better and last longer when sprockets are in good shape.
- + If using Calmer Slow Down kit, replace with original drive and idler sprockets. See below to manage head speed to optimize bristle life and maximize efficiency.
- + Open deck plates approximately 3/8 to a 1/2 inch greater than the standard settings. Deck plate settings should be based off the diameter of the largest stalks and then open additional 3/8 to 1/2 inch.



## KEYS TO OPTIMIZING PERFORMANCE

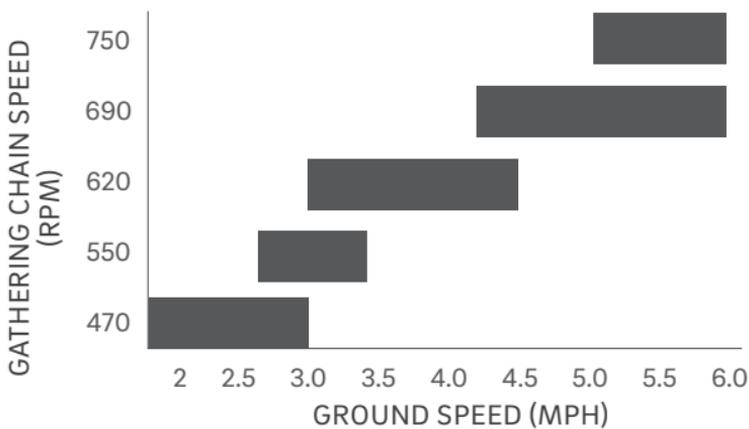
### PERFORMANCE AND BRISTLE LIFE

- + 360 YIELD SAVER bristles will last longer if the stalk rolls aggressively pull stalks through the head. Worn rolls can cause premature bristle wear and additional residue intake for chopping and non-chopping corn heads.
- + Poly chain guides are often warped. Warped chain guides can push 360 YIELD SAVER bristles together and can cause premature wear and increased residue intake. Consider replacing warped chain guides.
- + Match gathering chain speed to ground speed (refer to the "Gathering Chain Speed vs. Ground Speed" chart). This minimizes friction as the stalk moves up the row unit and can significantly increase 360 YIELD SAVER performance and bristle life.
- + Open deck plates approximately 3/8 to a 1/2 inch greater than the standard settings. Deck plate settings should be based off the diameter of the largest stalks you will likely be harvesting and then open additional 3/8 to 1/2 inch.

### RESIDUE INTAKE – SETTING ADJUSTMENTS

- + Open deck plates slightly for a cleaner pull down of the stalk through the deck plates.
- + Aggressively pull the stalk through the deck plates.
- + Match gathering chain speed and ground speed.
- + In wet conditions increase gathering chain speed and reduce ground speed slightly. Follow recommendations from the combine manufacturer: adjustment of fan speed, concave and sieve settings. See Manufacturer's Operational Manual for proper setting adjustments.

### GATHERING CHAIN SPEED VS. GROUND SPEED



### 360 YIELD SAVER KERNEL SAVINGS

	0-25 Acres	25-50 Acres	50-75 Acres	75-100 Acres	100-125 Acres	125-150 Acres
Low %	72%	72%	70%	66%	62%	56%
High %	89%	89%	85%	82%	75%	73%

**NOTE:** Saving ranges are based on one year of data while using best management practices during operation.

At 100 acres per row with 360 YIELD SAVER we saw 70% – 85% savings over traditional gathering chains. In most cases, after 100 acres per row, even when brush wear is evident, we still saw high savings when best practices were utilized.