



## 360 YIELD SAVER

### BEST PRACTICES

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#### ★ REDUCE SHELLING

Reduce ear shelling by cushioning the force of impact when ears hit deck plates and gathering chains.

#### ★ INCREASE CAPTURE

Collect and deliver any loose kernels and smaller ears to the cross auger by eliminating the gap between deck plates.

#### ★ SIMPLE INSTALLATION

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

Ensure drive and idler sprockets are in good operating condition.

The tensioning mechanism must be clear of debris for proper chain tensioning. See Manufacturer's Operation Manual.

Verify that stalk rolls are within OEM specifications. Worn rolls can cause premature bristle wear and additional residue intake.

Open deck plates approximately 3/8" to a 1/2" greater than the standard settings. Deck plate settings should be based off the diameter of the largest stalks plus an additional 3/8" to 1/2".

Replace warped poly chain guides. Warped chain guides can push 360 YIELD SAVER bristles together causing premature wear and increased residue intake.

If using Calmer Slow Down kit, replace with original drive and idler sprockets.

## ✔ 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.

Match gathering chain speed to ground speed to minimize friction as the stalk moves up the row unit and significantly increase 360 YIELD SAVER bristle life.

Gathering Chain Speed versus Ground Speed					
Gathering Chain Speed	470 RPM	550 RPM	620 RPM	690 RPM	750 RPM
Ground Speed	2.0-3.0 MPH	2.75-3.5 MPH	3.0-4.5 MPH	4.25-6 MPH	5.0-6.0 MPH

## ✔ REDUCE RESIDUE INTAKE

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 for adjustment of fan speed, concave and sieve settings.

## ✔ 360 YIELD SAVER KERNEL SAVINGS

Kernel Savings Ranges Over Time						
Acres Per Row	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 150 acres per row, even when brush wear is evident, we still saw high savings when best practices were utilized.