



360 YIELD SAVER®



REDUCE HEADER LOSS

Cushion the force of impact when ears hit deck plates and gathering chains with 360 YIELD SAVER®.

CHANGE THE WAY YOU MANAGE DECK PLATES

Traditionally, deck plates are kept as narrow as possible to prevent small ears and nubbins from falling through the gap.

When the head is equipped with 360 YIELD SAVER, the blocks and bristles prevent the small ears from falling through, so it is not critical to adjust deck plates. Open deck plates approximately 3/8" to 1/2" greater than the standard settings.

Deck plate settings should be based off the diameter of the largest stalks plus an addition 3/8" to 1/2".

INSPECT SPROCKETS

Ensure drive and idler sprockets are in good operating condition. Manufacturers generally recommend replacing sprockets when you replace chains.

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

REMOVE CALMER SLOW DOWN KIT

If using Clamer Slow Down Kit, replace with original drive and idler sprockets in order to keep proper gaps and spacing of bristles.

ADJUST STALK ROLLS

Verify that stalk rolls are within OEM specifications. Worn or maladjusted stalk rolls cannot do a good job of pulling stalks through the deck plates. If the stalks "float" the 360 YIELD SAVER bristles will grab it and pull it toward the cross auger. Worn rolls can cause premature bristle wear and additional residue intake.

INSPECT CHAIN GUIDES

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

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 VS. GROUND SPEED					
Gathering Chain Speed	470 RPM	550 RPM	620 RPM	690 RPM	750 RPM
Ground Speed	2 - 3 MPH	2.75 - 3.5 MPH	3 - 4.5 MPH	4.25 - 6 MPH	5 - 6 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.

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.

KERNEL SAVINGS RANGES OVER TIME						
Acres Per Row	0-25	25-50	50-75	75-100	100-125	125-150
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.

