Residue Management Improvement Parts

Call Today for Pricing & Special Discounts!

Case-IH* 3000  AGCO*  John Deere*  New Holland* 96c/98c/98d/996  Geringhoff* NorthStar  Case-IH* 2200/2400


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<td>New Holland 96c/98c/996 Series</td>
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<td>New Holland 98d w/ nose bearing</td>
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<td>New Holland 98d w/o nose bearing</td>
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Top Reasons to Buy Calmer BT Chopper®
Stalk Rolls and Upgrade Kits

Reason # 1: John Deere Tested
In 2015, John Deere & Co. tested their stalk rolls against the BT Chopper® Stalk Rolls and another aftermarket stalk roll design. Their tests supported what we’ve been saying all along.

Smallest Residue Sizing

<table>
<thead>
<tr>
<th>Calmer BT Choppers®</th>
<th>John Deere Intermeshing 6 Flutes</th>
<th>John Deere 8 Opposing Flutes</th>
<th>360 Yield Chainroll™ Intermeshing 8 Flutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 2”</td>
<td>&gt; 6”</td>
<td>&gt; 6”</td>
<td>&gt; 6”</td>
</tr>
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</table>

Calmer BT Choppers® = < 2” in length
OEM Stalk Rolls = > 6” in length

Lowest Gear Box Spreader Load

<table>
<thead>
<tr>
<th>Calmer BT Choppers®</th>
<th>John Deere Intermeshing 6 Flutes</th>
<th>John Deere 8 Opposing Flutes</th>
<th>360 Yield Chainroll™ Intermeshing 8 Flutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>80%</td>
<td>100%</td>
<td>124%</td>
<td>157%</td>
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Minimal Horsepower Increase

<table>
<thead>
<tr>
<th>Calmer BT Choppers®</th>
<th>John Deere Intermeshing 6 Flutes</th>
<th>John Deere 8 Opposing Flutes</th>
<th>360 Yield Chainroll™ Intermeshing 8 Flutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>106%</td>
<td>100%</td>
<td>194%</td>
<td>128%</td>
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Source: Data published by Deere & Company. YouTube, under the name “John Deere 600C Stalk Roll Advantage.”

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Reason # 2: Endorsed on NewAgTalk.com
NewAgTalk.com continues to be a trusted medium for farmers to openly exchange ideas and reviews on ag products. Over the years, discussions surrounding Calmer products have attracted more than a million views. Below are some past Calmer-related discussions important to farmers.

- Are Calmer Corn Head Products worth the money? Posted 12/3/2013
  - An overwhelming majority of respondents said yes
- Calmer stalk rolls vs. Geringhoff Rota Disc Posted 10/16/2016
  - An overwhelming majority of respondent preferred Calmer BT Choppers® over the Geringhoff Rota Disc
- Satisfied with the longevity of Calmer BT Choppers®? Posted under “Calmer’s Kit” on 10/27/2016
  - An overwhelming majority of respondents were satisfied with the longevity of Calmer BT Choppers®
- Overall satisfaction with Calmer products
  - An overwhelming majority of respondents were/are satisfied with Calmer products
Reason # 3: University Proven
In 2016, The University of Illinois’ Department of Crop Sciences found that Calmer BT Chopper® Stalk Rolls increase continuous corn yields by an average of 6 bu per acre when compared to OEM stalk rolls.

Mechanically-sized residue in corn on corn the previous fall (A and B) and at the R3 growth stage (C and D)

<table>
<thead>
<tr>
<th>Reason # 4: Mechanical and Agronomic Advantages</th>
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<tbody>
<tr>
<td>With numerous mechanical and agronomic advantages, you’re getting more than just corn head parts, you’re getting a peace of mind that your residue management problems are solved for good during harvest.</td>
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<table>
<thead>
<tr>
<th>Mechanical Advantages:</th>
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<tr>
<td>Smallest Residue Sizing</td>
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<tr>
<td>Performs in All Crop Conditions</td>
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<tr>
<td>25% Less Hp Needed than with Chopping Heads</td>
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<tr>
<td>Superior Cornstalk Engagement</td>
</tr>
<tr>
<td>Better Ear Separation</td>
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<tr>
<td>Less Tire Wear</td>
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<td>Less Butt Shelling</td>
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<tr>
<td>Allows for Slower Head Speeds</td>
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<tr>
<td>Lasts Longer than OEM Components</td>
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<tr>
<td>Easier on Gearboxes</td>
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<td>Increased Harvesting Speeds</td>
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<th>Agronomic Advantages:</th>
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<tr>
<td>Faster Residue Decomposition</td>
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<tr>
<td>Easier Planting</td>
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<td>Compatible with all Tillage Systems</td>
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<td>Warmer Soils</td>
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<tr>
<td>Drier Soils</td>
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<tr>
<td>Increased Earthworm Populations</td>
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<td>Reduced Nitrogen Penalty</td>
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<td>Higher Yields</td>
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<tr>
<td>More Flowable in Heavy Rainfall Events</td>
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Our products are farmer invented, farmer tested, and farmer proven™ and come with a 100% Satisfaction or Your Money Back Guarantee. Having been voted to the No-Till Product of the Year list five times, farmers across North America continue to rely on our award-winning technology to solve their residue management and corn head problems.
Cornstalks Are Still Standing after Harvest. Long, Unprocessed Stalks Are Slow to Decompose.

The Cause: No Feeding Chamber and Non-Aggressive Flutes
No stalk roll will feed or perform properly without a feeding chamber in the entry area. All OEM stalk rolls have the same length flutes and therefore a continuous overlap in the entry area. When rotating at full speed, this continuous overlap creates a solid wall of rotating steel, restricting the entry of the cornstalks. The non-aggressive flutes of OEM rolls result in longer, unprocessed stalks, which are slow to decompose.

The Evidence
By examining a used OEM stalk roll, it is evident the first few inches of flutes are worn while the remainder of the flutes remain in good condition. This is because the continuous overlap of flutes prevents cornstalks from engaging easily with the flutes. This hesitation results in stalks and ears passing below the corn head without being processed.

To demonstrate, we put a cornstalk in front of an OEM stalk roll’s knife chamber. Because it does not have a feeding chamber, the cornstalk cannot engage with the flutes and is ultimately bulldozed by the corn head.
Calmer’s Patented “Open Window” Feeding Chamber Guarantees Traction of Cornstalks. Razor-Sharp Blades Process Stalks into Small Pieces for Accelerated Decomposition

10 Razor-Sharp Blades Process Stalks for Faster Degradation Rates, Easier Planting and Higher Yields

During Rotation, the shortened flutes are timed to create 2, 4-inch feeding chambers for superior stalk engagement, longer wear life and better stalk processing.

The Evidence

Calmer’s patented “open window” feeding chamber guarantees traction the first time a blade touches the cornstalk, enabling material to feed easily from the spiral area into the 17 1/2-inch knife chamber, which allows for the entire cornstalk to be processed. This makes for longer stalk roll life, reduces low ear snap and the bulldozing of stalks at the end rows. THIS PATENTED DESIGN ELEMENT ENABLES CALMER ROLLS TO PERFORM IN ALL CROP CONDITIONS! To demonstrate, we put a cornstalk in front of a Calmer BT Chopper® Stalk Roll. Because it has a patented feeding chamber, the cornstalk stays vertical, is easily engaged by the feeding chamber and then processed by the rolls. (See photo below)

After cornstalks are fully engaged, 10 razor-sharp, intermeshing blades cut, chop and shear cornstalks into confetti-like residue for ACCELERATED DECOMPOSITION, EASIER PLANTING AND HIGHER YIELDS!

Calmer BT Choppers® explode stalk stubs for quicker residue decomposition and less tire wear!

Cornstalks CAN EASILY engage with Calmer BT Choppers® patented feeding chamber.
The Calmer BT Chopper® is the result of decades of farmer innovation and field testing to develop the world’s most advanced and only all-weather stalk roll. With its patented “open window” feeding chamber and razor sharp blades, the design elements of this stalk roll have revolutionized how farmers are managing excessive cornstalk residue around the world. The rolls are easy to install, compatible with all tillage systems and are a fraction of the cost of a new or chopping corn head. (See table of contents for specific make/model kits)

**Patented “Open Window” Feeding Chamber**
Calmer Stalk Rolls are the only rolls in the industry with a patented feeding chamber through the integration of multi-length blades, which enables stalks to feed efficiently into the row unit and become processed into confetti-like pieces.

**Improved Nose Cone**
Calmer nose cones have been designed with more aggressive flighting and a smaller nose cone barrel for more efficient flow of material from this area into Calmer’s patented “open window” feeding chamber.

**Implosion Flutes**
Calmer’s hard surfaced, full-length implosion flutes guarantee the traction of stalks in the engagement zone. While simultaneously maintaining grasp and control, the downward force implodes the stalk resulting in frayed stubble that is easier on tires and accelerates decomposition.

**Engagement Zone**
This area of multi-length blades is synchronized with the nose cone threads to feed the shortest blade and create a spot for the stalk to become engaged with the full-length implosion flutes.
### Mechanical Advantages
- Smallest Residue Sizing (See John Deere’s Data)
- Performs in All Crop Conditions
- Great for High-Speed Harvesting
- Picks Cleaner
- Allows for Slower Head Speeds
- Longer Wear Life
- Easier on Gearboxes
- 25% Less Hp Needed than with Chopping Heads

### Agronomic Advantages
- Faster Residue Decomposition
- Easier Planting
- Higher Yields
- Warmer/Drier Soils at Planting
- Reduced Nitrogen Penalty
- Compatible with All Tillage Systems
- More Flowable in Heavy Rainfall Events

### Key Takeaways
- **100% Satisfaction Guarantee!**
- Never Chop Stalks Again!

### Cutting, Chopping and Shearing Zone
Calmer’s deep-intermeshing, razor-sharp blades not only cut and chop cornstalks into confetti-like pieces, but also shear stalks into two-halves, exposing the pith for accelerated residue decomposition. This results in easier planting, higher yields and eliminates the need for the chopping of cornstalks or chopping corn heads.

### Ejection Flutes
These extra-aggressive flutes ensure the cornstalk is fully processed and ejected below the corn head.

### Longer Lasting
All razor-sharp chopping blades are induction heat treated for extra durability.

### BT Choppers® achieve instant residue-to-soil contact for accelerated decomposition and recycling of important inputs.
BT Chopper® Stalk Rolls: In the Field

Residue processed by standard stalk rolls is slow to decompose and results in the immobilization of nutrients.

Residue sized by BT Chopper® Stalk Rolls decomposes faster for healthier soils and higher yields. (6+ bu/ac adv. in corn. Source: University of Illinois Dept. of Crop Sciences)

BT Choppers® explode the top of stalk stubs for quicker decomposition and reduced tire wear.

Residue from factory rolls is hard to plant into and can cause plugging.

BT Choppers® distribute residue directly over the row for more easier planting.

BT Chopper® residue is easy to plant into and doesn’t plug the planter.

Knife-to-Knife Stalk Rolls = 92% residue cover

Calmer BT Chopper® Stalk Rolls = 78% residue cover
Calmer Corn Heads is thrilled to introduce the WORLD’S FIRST 12-BLADED CHOPPING STALK ROLL, the Super Chopper! Like the award-winning BT Chopper® Stalk Roll, The Super Chopper also contains Calmer’s patented “open window” feeding chamber, which guarantees the efficient feeding of cornstalks in all crop conditions and is excellent for high-speed harvesting. With a total of 24 razor sharp blades per row, the Super Chopper sizes cornstalks into approx. 1” pieces, pushing the boundaries of residue management capabilities during harvest.

### Key Takeaways

#### Mechanical Advantages
- Smallest Residue Sizing (See John Deere’s Data)
- Performs in All Crop Conditions
- Great for High-Speed Harvesting
- Picks Cleaner
- Allows for Slower Head Speeds
- Longer Wear Life
- Easier on Gearboxes
- 25% Less Hp Needed than with Chopping Heads

#### Agronomic Advantages
- Faster Residue Decomposition
- Easier Planting
- Higher Yields
- Warmer/Drier Soils at Planting
- Reduced Nitrogen Penalty
- Compatible with All Tillage Systems
- More Flowable in Heavy Rainfall Events

### 100% Satisfaction Guarantee!

Available in limited supply for JD 600 Series New Shaft and JD 700 Series Corn Heads only.
Butt Shelling, High Leaf Intake and Unhusked Ears

There are different problems with factory stripper plates, which vary by make and model. In general, the curvature of the front retrieving area of all factory straight stripper plates is too narrow and therefore tends to bulldoze cornstalks when off the row or in down corn. Please see below for further design-specific problems of factory stripper plates.

Factory Straight Plates are not formed to match the natural shape of the bottom side of the corn ear, which causes kernel loss upon impact by displacing all the energy on one kernel (see image on left). Also, because these plates don’t match the curvature of the ear leaf, this prevents the ear shank from getting close enough to the stalk roll blades in order the gasp the ear shank. This results in the husk staying attached to the ear, sending it and more material other than grain (MOG) into the combine.

Factory Plates with a Full Bevel from Front Retrieving Area to the Back can result in the lodging of ears, which can occur frequently in down-corn situations.

Factory Plates with a Welded Bar Along the Edge are problematic because they often protrude above the plate’s edge, causing kernels loss upon impact.
Calmer’s Patented Multi-Zone Beveled Stripper Plates Reduce Butt Shelling and Decrease Intake of Material Other Than Grain (MOG) aka “Trash” Into Combine

Calmer’s Patented Multi-Zone Beveled Stripper Plates are straight in the front retrieving area to reduce ear wedging and beveled in the back stripping area to allow the stalk rolls to engage more ear shanks, husks and leaves, which significantly reduces trash intake into the combine. The beveled edge also emulates the rounded bottom of the corn ear to help reduce butt shelling problems by displacing the energy around the base of the corn ear. (See image on the bottom right)

Calmer Plates also have a more forgiving curvature in the front retrieving area to minimize the bulldozing of cornstalks at end rows or when not fully aligned with the rows.

<table>
<thead>
<tr>
<th>Time</th>
<th>Ounces of Trash with Straight Stripper</th>
<th>Ounces of Trash with Beveled Stripper Plates</th>
<th>Ounces of Trash Reduced</th>
<th>Percentage of Trash Reduced</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:15</td>
<td>53</td>
<td>32</td>
<td>21</td>
<td>40%</td>
</tr>
<tr>
<td>2:00</td>
<td>40</td>
<td>35</td>
<td>5</td>
<td>13%</td>
</tr>
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<td>2:10</td>
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<td>2:30</td>
<td>62</td>
<td>36</td>
<td>26</td>
<td>42%</td>
</tr>
<tr>
<td>3:00</td>
<td>71</td>
<td>43</td>
<td>28</td>
<td>40%</td>
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<td>3:30</td>
<td>50</td>
<td>35</td>
<td>15</td>
<td>30%</td>
</tr>
<tr>
<td>4:30</td>
<td>59</td>
<td>38</td>
<td>21</td>
<td>36%</td>
</tr>
</tbody>
</table>

We installed Calmer Plates on half our test head and had factory straight stripper plates on the other half. We did multiple kill stops on a dry afternoon and bagged loose trash on both sides. On average, Calmer Plates reduced trash intake by an average of 33%!
Increased Intake of Material Other Than Grain (MOG)

Excessive gathering chain speed is a common problem for some makes of corn heads. Because the gathering chain speed to stalk roll speed ratio is not properly synchronized for maximum performance, the excessive topping of plants often occurs and results in the increased intake of material other than grain (MOG). Please see below for further make specific problems.

Case-IH and New Holland Corn Heads that utilize an 8-tooth drive and idler sprocket combination often results in the increased intake of MOG into the combine due to of the gathering chain speed to stalk roll speed ratio not being properly timed for maximum performance.

John Deere 40/90 Series Corn Heads are equipped from the factory with an 8-tooth drive and idler sprocket combination and utilized row units with gathering chain speed ratios from the 1960s, which ran too fast. This often results in the gathering chain lugs shearing off the top of the corn plant before it can be properly processed by the stalk rolls. These broken portions of the corn plant often get plugged-up in the cross auger, resulting in the build-up of fluff (See photo below). The hair pinning of material at the top of the stripping tunnel often occurs in wet or damp conditions as a result of the gathering chain lug forcing the top portion of the corn plant over the row frame unit.

Kill Stop Examination
Photo provided by Eric Hayenga.
(Taken in Groton, SD - November, 2000)
**Install Calmer’s “Slow Down” Kit, Which Includes a Patented 9-Tooth Idler Sprockets, Smaller Drive Sprockets and Chrome-Pin Gathering Chains**

Calmer’s Slow Down Kit consists of 6- or 7-tooth drive sprockets, an oversized 9-tooth idler sprocket and chrome-pin gathering chains. By moving to a smaller drive sprocket, the gathering chain speed to stalk roll speed ratios are better synchronized for maximum performance and reduced intake of MOG into the combine. Please see below for make specific solutions.

**Case-IH and New Holland Corn Heads:** For these makes of corn heads, a 7-tooth drive sprocket is available to slow-down gathering chain speeds by 12.5% to allow stalk rolls to make more revolutions to fully process the stalk at the corn head.

**John Deere 40/90 Series Corn Heads:** For these model of John Deere corn head, Calmer sells a patented 6-tooth drive sprocket to slow-down gathering chains by 25%, which can help reduce the intake of MOG into the combine by an average of 60%! (See chart below)

All “Slow Down” Kits come with Calmer’s patented 9-Tooth Idler Sprockets. This larger sprocket design improves the gathering chain lug’s grabbing ability for easier harvesting in down corn conditions. This new-and-improved sprocket is non-greaseable and has a solid-steel design with a replaceable bearing for increased wear life and lower maintenance. Calmer’s 9-Tooth Idler Sprocket also provides the following additional advantages:

- They reduce the slack created by installing a smaller drive sprocket so a standard-sized gathering chain can be used.
- The bigger diameter reduces wear on the idler block.

<table>
<thead>
<tr>
<th>Time</th>
<th>Ounces of Trash with 6-Tooth</th>
<th>Ounces of Trash with 8-Tooth</th>
<th>Ounces of Trash Reduced</th>
<th>Total Trash Reduced</th>
</tr>
</thead>
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<td><strong>100</strong></td>
<td><strong>60</strong></td>
<td><strong>60% Average</strong></td>
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Side-by-side field testing results with JD 6-tooth drive sprockets vs. Calmer 6-Tooth Drive Sprockets.

Longer-lasting Chrome-Pin Gathering Chains are an available options with all kits.
Testimonials

Don’t just take our word for it. Here’s what farmers from around the county are saying about Calmer Products.
To view more testimonials or submit your own, go to CalmerCornHeads.com/Testimonials.
I purchased your BT Chopper Kit and have been totally satisfied with the job it does. It eliminated the trip with the stalk chopper and also does a number on the remaining stump portion of the stalk, making that less abrasive on equipment tires. Would I buy them again? Without a doubt.

Clayton Ferrier
ROCHESTER, MN

“We run two combines now, one with Calmer Stalk Rolls and one that was new to us. We ran 3 to 4 rounds, stopped and walked for 10 minutes. We called and ordered a Calmer Kit for the new head! We didn’t run the new head until the Calmer order arrived and was installed.”

Howard Sias
CHELSEA, MI

“I had no problem planting into the Calmer residue this spring. There was no plugging. It was smooth sailing.”

Alan Overbeck
LIBERTY, IN

“Ran last fall. Perfect for no-tilling sunflowers the following year. There was bare soil and warmth and dryness.”

David Godfrey
JONESVILLE, MI

“I put Calmers on a 1290 and ran it side-by-side with a competition 18 row, 20-in corn head. There was no comparison. Calmer was so much better. Better feeding and better chopping!”

John Lininger
SYCAMORE, OH

“The Calmer BT Choppers sized the 500+ BU residue, preparing the field for the following planting season.”

Randy Dowdy
SEVERAL-TIME NCGA CHAMPION

“Out the size of the residue, the BIGGER the residue, the SLOWER it’s going to degrade.”

Dr. Fred Below
PROFESSOR OF PLANT PHYSIOLOGY
UNIVERSITY OF ILLINOIS

“My field is unbelievable. Why are guys spending so much on chopping heads? I did not need a mower or anything ahead of my chisel plow.”

Ed Blodgett
LIMA, NY

“We run two combines now, one with Calmer Stalk Rolls and one that was new to us. We ran 3 to 4 rounds, stopped and walked for 10 minutes. We called and ordered a Calmer Kit for the new head! We didn’t run the new head until the Calmer order arrived and was installed.”

David Godfrey
JONESVILLE, MI

“I got these the first year they came out in 2011 and your customer service has been great, very pleased there. The confetti residue pictures are the way it really looks, no matter the moisture! 25% corn doesn’t even matter.”

Thomas Payne
HAMILTON, VA

“In my humble opinion, Marion Calmer’s technology has changed the way corn will be grown worldwide for the rest of time.”

Paul Harvey
ABC RADIO NETWORK BROADCASTER
Follow Calmer’s 3-step upgrade process to solve many of your corn head and residue management problems.

**STEP 1**

**Install Calmer BT Chopper® Stalk Rolls and Grass Knives**

Reliable and effective stalk rolls are critical to a top-performing corn head. **Calmer’s BT Chopper® Stalk Rolls** have a redesigned nose cone and a patented “open window” feeding chamber, which guarantees traction of stalks and superior feeding in all crop conditions. The 10 razor sharp blades on each roll cut, chop and shear cornstalks into confetti-like pieces for accelerated decomposition. As a result, you’ll be able to more effectively manage residue during tillage and planting. **Calmer Grass Knives** are specially designed to match the curvature of the **BT Choppers®** redesigned nose cones and prevent the back wrapping of grasses.

**STEP 2**

**Install Calmer Gathering Chain “Slow Down” Kit**

By slowing down gathering chains by 25% with Calmer’s smaller **6-Tooth Drive Sprockets**, trash intake can be reduced by as much as 60%. The larger **9-Tooth Idler Sprockets** improve the chains’ grabbing ability for easier harvesting in down corn conditions. This new-and-improved, non-greaseable idler sprocket is solid steel and has a replaceable bearing for increased life and lower maintenance. Longer-lasting **Chrome-Pin Gathering Chains** are sent with all “Slow Down” Kits.

**STEP 3**

**Install Calmer Multi-Zone Beveled Stripper Plates**

The contour of the **Calmer Multi-Zone Beveled Stripper Plates** emulates the butt of the corn ear, which helps reduce butt shelling while simultaneously reducing trash intake by allowing husks and leaves to pass through the stripper plate gap onto the ground, not into the combine. **Calmer’s Over-Sized Plastic Gathering Chain Paddles** can be installed on the gathering chain lugs to improve both the gathering and conveying performance of material.
“We are really pleased with Calmer’s Trash Reduction Row-Unit Upgrade Kit. The kit took care of every problem we had. We installed it last season and it was the first season we had without stopping once to remove trash from the corn head. We wish we had installed it years ago.”

Roger Groton
SOUTH DAKOTA

“We with Calmer’s Trash Reduction Kits, harvesting in frozen fields was no problem. The stalks splinter and shatter in both directions. There were no problems with dozing at the end of the fields, and the down corn was easy to pick. No popping ears! We should have upgraded our 893 sooner!”

Jon Vosburg
LEWISTOWN, IL
**Follow Calmer’s 3-step upgrade process to solve many of your corn head and residue management problems.**

**STEP 1**

**Install Calmer BT Chopper® Stalk Rolls and Grass Knives**

Reliable and effective stalk rolls are critical to a top-performing corn head. **Calmer’s BT Chopper® Stalk Rolls** have a redesigned nose cone and a patented “open window” feeding chamber, which guarantees traction of stalks and superior feeding in all crop conditions. The 10 razor sharp blades on each roll cut, chop and shear cornstalks into confetti-like pieces for accelerated decomposition. As a result, you’ll be able to more effectively manage residue during tillage and planting. **Calmer Grass Knives** are specially designed to match the curvature of the **BT Choppers®** redesigned nose cones and prevent the back wrapping of grasses. **Calmer Grass Knives not available for chopping corn heads.**

**Calmer’s new Super Chopper, the world’s first 12-bladed chopping stalk roll is now available for 600 new shaft and 700 series corn heads in limited supply. Please call for availability.**

**STEP 2**

**Install Calmer Multi-Zone Beveled Stripper Plates**

The contour of the **Calmer Multi-Zone Beveled Stripper Plates** emulates the butt of the corn ear, which helps reduce butt shelling while simultaneously reducing trash intake by allowing husks and leaves to pass through the stripper plate gap onto the ground, not into the combine.

**STEP 3**

**Install Chrome-Pin Gathering Chains (600 Series Only)**

**Chrome-Pin Gathering Chains** are an available option with every upgrade kit. The chrome-pin design results in a longer-lasting, more durable chain.

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Side-by-side comparison just 7 months after harvest shows superior residue decomposition when using Calmer BT Chopper® stalk rolls compared to OEM stalk rolls.
Multi-Zone Beveled Stripper Plates for Old Frame Design with 8-Tooth Sprocket System

Multi-Zone Beveled Stripper Plates for New Frame Design with 6-Tooth Sprocket System

Chrome-Pin Gathering Chains

600 old shaft has an X pattern

600 new shaft has a + pattern

Grass Knives

World’s First 12-Bladed Chopping Stalk Roll

Chrome-Pin Gathering Chains
Follow Calmer’s 3-step upgrade process to solve many of your corn head and residue management problems.

**STEP 1**

**Install Calmer BT Chopper® Stalk Rolls**

Reliable and effective stalk rolls are critical to a top-performing corn head. Calmer’s BT Chopper® Stalk Rolls have a redesigned nose cone and a patented “open window” feeding chamber, which guarantees traction of stalks and superior feeding in all crop conditions. The 10 razor sharp blades on each roll cut, chop and shear cornstalks into confetti-like pieces for accelerated decomposition. As a result, you’ll be able to more effectively manage residue during tillage and planting.

**STEP 2**

**Install Calmer Multi-Zone Beveled Stripper Plates**

The contour of the Calmer Multi-Zone Beveled Stripper Plates emulates the butt of the corn ear, which helps reduce butt shelling while simultaneously reducing trash intake by allowing husks and leaves to pass through the stripper plate gap onto the ground, not into the combine.

**STEP 3**

**Install 7-Tooth Drive and 9-Tooth Idler Sprockets and Chrome-Pin Gathering Chains**

Chrome-Pin Gathering Chains are an available option with every upgrade kit. The chrome-pin design results in a longer-lasting, more durable chain. Calmer’s 9-Tooth Idler Sprockets are non-greaseable with replaceable bearings and have a solid-steel design for increased wear life and lower maintenance than OEM idler sprockets. The larger 9-tooth idler sprocket design also improves the gathering chains’ grabbing ability for easier harvesting in down corn conditions. We recommend running the factory 7-Tooth Drive Sprockets with the 9-tooth idler sprocket combination. Calmer’s Over-Sized Plastic Gathering Chain Paddles can be installed on the gathering chain lugs to improve both the gathering and conveying performance of material.

Left: BT Choppers® explode stalks and expose pith for maximum decomposition and less tire wear. Right: Rotary blades leave stalks in-tact, resulting in slower decomposition and increased wear on tires.
Patented feeding chamber allows stalks to be easily engaged and processed.

Hydraulic Adjust Multi-Zone Beveled Stripper Plates for Case-IH 2200/2400 Series Corn Heads

Hydraulic Adjust Multi-Zone Beveled Stripper Plates for NH 96c, 98c, and 996 Series Corn Heads

9-Tooth Idler Sprockets

7-Tooth Drive Sprockets

Chrome-Pin Gathering Chains

“We put the Calmer BT Chopper® on our 2208. Halfway through harvest we purchased a 2212. We were so pleased with the performance of the choppers that we put the ones off the 2208 onto the 2212, and hurried to pick-up the extra 4 rows needed from Calmer. These work extremely well!”

Eldon Hermunslie
WAHPTON, ND
Follow Calmer’s 3-step upgrade process to solve many of your corn head and residue management problems.

STEP 1

Install Calmer BT Chopper® Stalk Rolls and Transition Plate

Reliable and effective stalk rolls are critical to a top-performing corn head. Calmer’s BT Chopper® Stalk Rolls have a patented “open window” feeding chamber, which guarantees traction of stalks and superior feeding in all crop conditions. The 8 razor sharp blades on each roll cut, chop and shear cornstalks into more management pieces for accelerated decomposition. As a result, you’ll be able to more effectively manage residue during tillage and planting. Calmer’s Transition Plate is designed to prevent the bunching-up of material near the top of the stripping tunnel in damp conditions.

STEP 2

Install Calmer Multi-Zone Beveled Stripper Plates (Required)

The contour of Calmer Multi-Zone Beveled Stripper Plates emulates the butt of corn ear, which helps reduce butt shelling while simultaneously reducing trash intake by allowing husks and leaves to pass through the stripper plate gap onto the ground, not into the combine.

STEP 3

Install 7-Tooth Drive and 9-Tooth Idler Sprockets and Chrome-Pin Gathering Chains

Chrome-Pin Gathering Chains are an available option with every upgrade kit. The chrome-pin design results in a longer-lasting, more durable chain. Calmer’s 9-Tooth Idler Sprockets are non-greaseable with replaceable bearings and have a solid-steel design for increased wear life and lower maintenance than OEM idler sprockets. The larger 9-tooth idler sprocket design also improves the gathering chains’ grabbing ability for easier harvesting in down corn conditions. We recommend running the factory 7-Tooth Drive Sprockets with the 9-tooth idler sprocket combination. Calmer’s Over-Sized Plastic Gathering Chain Paddles can be installed on the gathering chain lugs to improve both the gathering and conveying performance of material.

Left: BT Choppers® explode stalks and expose pith for maximum decomposition and less tire wear. Right: Rotary blades leave stalks intact, resulting in slower decomposition and increased wear on tires.
Never chop stalks again!

Patented feeding chamber allows stalks to be easily engaged and processed.

“After harvest, corn ground was disk chiseled. We had no problems. In the spring, we hit with a cultivator and drilled soybeans – no plugging. Spring went well.”

Jeff Dansby
FOWLERVILLE, MI

“I just want to say the Calmer stalk rolls are the best investment I’ve ever made.”

Larry Groves
MAROA, IL

Multi-Zone Beveled Stripper Plates (Required with all Case 3000 Upgrade Kits)

9-Tooth Idler Sprockets
7-Tooth Drive Sprockets
Transition Plate
Chrome-Pin Gathering Chains
Follow Calmer’s 2-step upgrade process to solve many of your corn head and residue management problems.

**STEP 1**

**Install Calmer BT Chopper® Stalk Rolls and Transition Plate**

Reliable and effective stalk rolls are critical to a top-performing corn head. Calmer’s BT Chopper® Stalk Rolls have a patented “open window” feeding chamber, which guarantees traction of stalks and superior feeding in all crop conditions. The 10 razor sharp blades on each roll cut, chop and shear cornstalks into confetti-like pieces for accelerated decomposition. As a result, you’ll be able to more effectively manage residue during tillage and planting. Calmer’s Transition Plate is designed to prevent the bunching-up of material near the top of the stripping tunnel in damp conditions.

**STEP 2**

**Install Calmer Multi-Zone Beveled Stripper Plates**

The contour of Calmer Multi-Zone Beveled Stripper Plates emulates the butt of the corn ear, which helps reduce butt shelling while simultaneously reducing trash intake by allowing husks and leaves to pass through the stripper plate gap onto the ground, not into the combine. For optimum performance, we recommend running a 32-tooth crown gear in the gear case located on the side of the corn head to help reduce corn head speed, which will help decrease both ear bounce and butt shelling problems.

Side-by-side comparison just 7 months after harvest shows superior residue decomposition when using Calmer BT Chopper® stalk rolls compared to OEM stalk rolls.
Patented feeding chamber allows stalks to be easily engaged and processed.

“Never chop stalks again!

“I can go faster through the field and the Choppers really do a job on the stalks. Planting is easier since the stalks have decomposed.”

David Wilson
FRANKLIN, IL

“Chews it up, especially for spring field cultivator!”

Kurt Lowenbe
HENDRICK, IA
Follow Calmer’s 2-step upgrade process to solve many of your corn head and residue management problems.

**STEP 1**

Install Calmer BT Chopper® Stalk Rolls

Reliable and effective stalk rolls are critical to a top-performing corn head. Calmer’s BT Chopper® Stalk Rolls have a redesigned nose cone and a patented “open window” feeding chamber, which guarantees traction of stalks and superior feeding in all crop conditions. The 8 razor sharp blades on each roll cut, chop and shear cornstalks into more management pieces for accelerated decomposition. As a result, you’ll be able to more effectively manage residue during tillage and planting.

**STEP 2**

Install Calmer Multi-Zone Beveled Stripper Plates

The contour of Calmer Multi-Zone Beveled Stripper Plates emulates the butt of the corn ear, which helps reduce butt shelling while simultaneously reducing trash intake by allowing husks and leaves to pass through the stripper plate gap onto the ground, not into the combine.

Side-by-side comparison just 7 months after harvest shows superior residue decomposition when using Calmer BT Chopper® stalk rolls compared to OEM stalk rolls.
Never chop stalks again!

Patented feeding chamber allows stalks to be easily engaged and processed.

Verify if Electric Stripper Plates are Narrow or Wide Frame

It is necessary to verify if your corn head is equipped with the wide-frame or narrow-frame electric stripper plate design, if applicable. This can be determined by measuring the top shield of the row until, directly over the gear box. A gear box cover (shield) measuring 17 3/4” is a narrow frame. A gear box cover (shield) measuring 19 5/16” is a wide frame.
As the maker of the world’s first single-chain, narrow row independent corn heads for 12- and 15-inch rows, along with building the world’s largest corn heads, we’ve spent decades researching and developing patented technologies that give Calmer Corn Heads unrivaled capabilities. Available in any number of rows and row width, our corn heads are manufactured with our entire suite of patented residue management products to exceed your harvesting expectations.

Advantages of a Calmer Corn Head

- Faster harvesting speeds
- Superior stalk chop
- Less butt shelling
- Less moving parts
- Less weight
- Lower maintenance
- Less trash intake in both standing and down corn

- Increased gathering chain life
- Warmer soils
- Drier soils
- Less horsepower requirements
- Less grain loss
- Less fuel needed
- More bu/AC harvested per day

**Corn Heads Available for Rent or Purchase!**

Calmer 8-row, 30-inch Corn Head with Deluxe Upgrade Kit
By design, Calmer Corn Heads help maximize your profit potential by enabling you to harvest faster and more effectively than ever before. Here’s how:

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>Lightweight</strong></td>
<td>Our patented single-chain design in combination with our low-profile, super-short poly hoods and dividers result in one of the lightest row units in the industry.</td>
</tr>
<tr>
<td><strong>Multi-Zone Beveled Stripper Plates</strong></td>
<td>The unique design of our stripper plates helps reduce ear wedging and butt shelling issues. The stripper plate’s beveled design also allows our BT Chopper® Stalk Rolls to engage more corn leaves, shanks and husks in order to reduce trash intake and minimize horsepower requirements. The plates’ elongated design also allows for more efficient harvesting of low hanging ears in down corn.</td>
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<tr>
<td><strong>BT Chopper® Stalk Rolls</strong></td>
<td>Calmer BT Chopper® Stalk Rolls chop, cut and shear cornstalks into confetti-like residue for unrivaled residue management capabilities.</td>
</tr>
<tr>
<td><strong>High-Profile, Shorter Snouts</strong></td>
<td>Among the shortest on the market, our high-profile snouts make it easy to maneuver through narrow rows and around tight contoured areas.</td>
</tr>
<tr>
<td><strong>Strategically Realigned</strong></td>
<td>Calmer Corn Heads are realigned to allow superior material flow from the tray to the feeder house, reducing ear toss and allowing for maximum flow in high-yielding and high-speed harvest conditions.</td>
</tr>
<tr>
<td><strong>6-Tooth Drive Sprocket</strong></td>
<td>The Calmer® 6-Tooth Drive Sprockets slow down gathering chains by 25%, reducing trash intake by as much as 60%.</td>
</tr>
<tr>
<td><strong>Single Chain Design w/ Polyethylene Ear Guide</strong></td>
<td>Calmer’s UHMW (Ultra High Molecular Weight) polyethylene ear guide forms a retaining wall to maintain engagement of the ears with the enlarged hardened steel gathering chain paddles. By utilizing Calmer’s single chain system, the second chain, chain guide, drive sprocket, drive shaft, idler block, idler sprocket and chain tension spring are eliminated, significantly reducing weight and maintenance.</td>
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Stainless steel back walls, trays and auger strippers are standard features on all Calmer Corn Heads.
Standard Features
• 12”, 15”, 20”, 22”, 24”, and 30” row spacing
• Any color poly deck covers, dividers and wear points to match your combine
• Calmer BT Chopper® Stalk Rolls
• Stainless steel back wall, tray, and auger stripper
• Single- or dual-chain design
• Calmer’s patented 6-tooth trash-reducing drive sprockets for superior stalk ejection
• Outer row strippers offset 1/4-inch for reducing ear loss over the end divider
• Calmer realignment package for ear toss reduction and maximum horizontal flow rates
• Cross auger with 18-inch diameter and 26-inch pitch
• Cross auger adjusted with 1 3/4-inch clearance for reduced ear slicing and cracked kernels
• John Deere gathering chain tighteners
• High-performance gathering chain with tall 2.25 x 2.5-inch nylon paddles
• Calmer Multi-Zone Beveled Stripper Plates for unrivaled husking and leaf ejection
• Oil bath with 80H heavy chain and 1 1/4-inch heavy duty driveline
• Telescoping PTO shafts
• Flashers
• One year parts/labor warranty

Additional Options
• Hydraulic stripper plates
• Stubble lights
• Automatic header height control
• Row Sense (Auto Guidance)

All Calmer Corn Heads come equipped with Calmer’s patented BT Chopper® Stalk Rolls and Deluxe Residue Management Upgrade Kit.
Top Tips for a Better Corn Harvest

1. **Corn Head Angle:** Adjust to 23-25 degrees for standing corn and 20 degrees for down corn conditions. To check the angle, park the combine on a level surface and lower the header until the lowest point of the row unit is approximately 2-inches above the ground. Place a protractor on the stripper plate and read the angle. Adjust accordingly.

2. **Gathering Chain Speed:** Begin calibration with initial gathering chain speed of 55 RPMs. If butt shelling is a problem, slow down corn head speed until it starts to bulldoze cornstalks, then speed back up until bulldozing stops.

3. **Stripper Plate Gap:** Begin with normal settings of 1 1/8-inch gap at the front and 1 3/16-inch gap at the rear, then adjust accordingly to ensure plates are 1/16-inch wider than the diameter of the 3rd cornstalk node above the brace root. Ensure stripper plate gap is centered over the stalk rolls.

4. **Cross Auger:** Adjust vertically to have 2-inches clearance between flighting and tray at the tightest point to reduce ear slicing. Also, adjust rearward as far as possible.

5. **Feeder Chain:** Adjust to max length and/or as close to the corn head’s cross auger as possible. Run as fast as possible to reduce the likelihood of ears piling up during the hand-off from the corn head to the feeder house.

6. **Rotor Speed:** Increase until the first cracked kernel appears in grain tank, then slowdown by 10 RPMs.

7. **Fan Speed:** Increase until the red chaff and pieces of broken leaves are gone.

8. **Bottom Sieve:** Run wide open. There is no part of the corn cob that needs re-threshed. Running wide open allows more air to reach the top sieve. If cobs appear in the tank, then the top sieve is too far open.

9. **Top Sieve:** Close to remove broken cobs and achieve desired appearance in grain tank sample.

10. **For Red Combines:** Adjust transport vanes to the retarded position. This will reduce kernel loss from the rotor area.

Top Tips for a Better Soybean Harvest

1. **Harvesting the Soybean Field:** Start harvesting on the downwind side. The wind will help spread straw away from uncut soybeans. Also, it is a good idea in case of fire.

2. **Sickle Bars:** 3-inch sickle bars allow residue to flow better in no-till or higher-residue environments.

3. **Draper Heads:** Perform better than auger-fed platforms in all conditions.

4. **Cross Auger:** Clearance should be 1/16-inch between flighting and tray.
5. **Feed Chain:** Extend so chain is adjusted as close as possible to the auger or draper belt. This improves the hand-off of material from the platform to the feeder house chain.

6. **Reel Speed:** Synchronize reel speed to ground speed. Reel RPMs should be 10 times the ground speed. Example: 4 MPH ground speed = 40 RPM on reel.

7. **Rotor Speed:** Increase rotor speed until the first cracked soybean appears in the grain tank, then slowdown by 10 RPMs.

8. **Concave Clearance:** Open until rotor loss occurs, then close slightly.

9. **Concave:** Improve the threshing power of green soybean pods by installing concave inserts, filler bars or filler plates in the concave. This allows for green pods to rub against green pods, significantly reducing un-threshed pods in the tank.

10. **Fan Speed:** Increase speed until all pod hulls have left the grain tank sample, then slow down by 50 RPMs. I run my fan at maximum speed.

11. **Bottom Sieve:** Run wide open to let air flow to the top sieve.

12. **Top Sieve (Front Portion):** Close until the grain tank has 99% clean soybeans.

13. **Top Sieve (Rear Portion):** Close until un-threshed pods start going over the back, then open up 1/8-inch to allow them to fall into the return auger.

14. **Red Combines:** Adjust transport vanes to advanced position. This reduces the bleeding of horsepower and the amount of fodder and stems (MOG) that fall through the rotor cage and onto the top sieve.

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**Top Tips for Harvesting Down Corn**

1. **Corn Head Angle:** Flatten corn head angle to 20 degrees for down corn conditions, making gravity less of an enemy. To check the angle, park the combine on a level surface and lower the header until the lowest point of the row unit is 2-inches above the ground. Place a protractor on the stripper plate and read the angle. For some make/models, it may be necessary to pushout the bottom of the corn head with a wedge kit in order to achieve the proper angle.

2. Install Calmer’s down corn gathering chain paddles on every other gathering chain lug. This increases the grabbing and conveying ability of gathering chains.

3. Install auto header height on your corn head. We recommend a Headsight sensor system. The Headsight system is more sensitive and is spring loaded so you can back-up without it breaking-off. (Headsight, Inc. Phone #: 574-546-5022)

4. Synchronize gathering chain speed to ground speed. We prefer to have the gathering chain lugs moving toward the header at the same speed as the cornstalks.
5. Raise the cross auger. We recommend setting the clearance between the tray and auger flighting at 2-inches. This clearance allows the dislodged material floating above the poly deck covers to be sucked under the auger and transported to the feeder house.

6. Open stripper plates. This reduces the energy required to move dislodged material through the row unit. We recommend setting stripper plate gaps to 1 1/2-inches in down corn situations.

7. Use more taper from bottom to top of the stripper plates. For example: Setting stripper plates to 1 3/8-inches at the bottom and 1 1/2-inches at the top (near the gear box).

8. Center the stripping tunnel above the stalk roll tunnel. One problem with hydraulic plates is that only one plate moves, therefore shifting the stripping tunnel to one side, ultimately causing restriction and breakage of the stalks.

9. Synchronize gathering chain lugs so they are opposed from one another. This ultimately increases the aggressiveness of the gathering chains. We do not recommend this in rocky conditions or standing corn.

10. Install a corn reel. This provides more energy for transporting dislodged material from divider snouts to the cross auger.

11. Take off any end risers or tall corn extensions. This will reduce the angle of incline and improve the flow of material.

12. Remove rubber ear savers. This will reduce the energy required for material to flow to the cross auger.

13. Add weight to poly divider snouts to help them stay under the canopy. Some brands of poly divider snouts are too light and want to hop up and out of the canopy.

14. Grind the wear shoe tips of the dividers or shim to give them more pitch. This will help them stay under the canopy. Be careful not to make them too aggressive, which could result in them self-engaging and folding underneath the head.

15. Use stalk rolls with revolving open windows. The open window will result in the easy feeding of stalks from the spirals to the stalk roll blades. Currently, Calmer’s BT Chopper® Stalk Roll is the only stalk roll in the industry with this patented open-window design.

16. Turn gathering chains around to increase aggressiveness.

17. Start harvesting on the downwind side of the field. If the corn rows run north and south, and the corn is blown down to the east, start on the east side and work your way to the west. This will significantly reduce end divider plugging and bunching.
The History of Calmer Corn Heads

Marion Calmer, a farmer and inventor from western Illinois, is the CEO of Calmer Corn Heads, Inc. and the founder of Calmer’s Ag Research Center, the largest independently funded, farmer-run Ag research center in the United States. He is credited with inventing the world’s first single chain, narrow row corn head for 12- and 15-inch rows, along with building the world’s largest corn heads. As the owner of more than a dozen patents that have helped revolutionize the Ag industry in America, Marion’s top priority is to help other farmers maximize their potential profits through research and innovation. Throughout the years, he has been named one of agriculture’s most influential people, voted as a “No-Till Legend,” and received the “Public Image of Agriculture” Award.

Background

Marion started his farming operation of 80 acres of corn and 10 gilts in 1975. In 1978, he graduated from Black Hawk College – East Campus with an associate degree in applied sciences. Throughout his farming career, he has grown corn, soybeans, seed corn, soybean seed, and has run a swine operation.

As the decedent of a long line of entrepreneurs, Marion was born with the gift of finding solutions to problems. With mechanically inclined blood running through his veins, Marion spent thousands of hours modifying and inventing farm machinery that would one day change how farmers around the world plant and harvest corn crops. Throughout Marion’s career, he has gone from conventional tillage to no-till, adopted the use of biotechnology, and has gone from growing corn and soybeans in 40-inch rows to growing both crops in 15-inch rows.

Reducing input costs on his farm and for his customers is another area in which Marion’s dedication remains undeterred. Since moving to 15-inch rows, Marion has been able to reduce his herbicide treatments down to one pass and the number of field passes that it takes to grow a crop from 9 to 3.

In 1991, Marion was selected as one of four finalists for the Illinois Soybean Association’s Young Leader Program. Marion has been a DuPont No-till Neighbor and a featured speaker at DuPont and Monsanto Residue Management Conferences, along with the National No-Till Conference from 1994 to present times. He is also a corporate member of the Conservation Technology Information Center (CTIC). In 1994 and 1995, he received State and National Honor Awards from the Soil and Water Conservation Society (SWCS) and was nominated for the JC Young Farmer Award in ’95 and ’96, and won the No-Till Innovator Award for the Public Image of Agriculture Category.
Calmer 2019-2020 Events Schedule
We hope you’ll stop by and see us at one of the following trade shows near you!

<table>
<thead>
<tr>
<th>Date Range</th>
<th>Event Name</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug. 6-8, 2019</td>
<td>Farmfest</td>
<td>Redwood City, MN</td>
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<tr>
<td>Aug. 20-22, 2019</td>
<td>Dakotafest</td>
<td>Mitchell, SD</td>
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<tr>
<td>Aug. 27-29, 2019</td>
<td>Farm Progress Show</td>
<td>Decatur, IL</td>
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<tr>
<td>Sept. 10-12, 2019</td>
<td>Husker Harvest Days</td>
<td>Grand Island, NE</td>
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<tr>
<td>Sept. 10-12, 2019</td>
<td>Big Iron Farm Show</td>
<td>West Fargo, ND</td>
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<tr>
<td>Sept. 17-19, 2019</td>
<td>Farm Science Review</td>
<td>London, OH</td>
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<tr>
<td>December 3-5, 2019</td>
<td>Peoria Farm Show</td>
<td>Peoria, IL</td>
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<tr>
<td>December 10-12, 2019</td>
<td>NE Power Farm Show</td>
<td>Lincoln, NE</td>
</tr>
<tr>
<td>January 7-10, 2020</td>
<td>National No-Till Conference</td>
<td>St. Louis, MO</td>
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<tr>
<td>January 14-16, 2020</td>
<td>Fort Wayne Farm Show</td>
<td>Fort Wayne, IN</td>
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<tr>
<td>January 19-21, 2020</td>
<td>Quad Cities Farm Show</td>
<td>Rock Island, IL</td>
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<tr>
<td>January 22-24, 2020</td>
<td>Sioux Falls Farm Show</td>
<td>Sioux Falls, SD</td>
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<tr>
<td>January 28-30, 2020</td>
<td>Iowa Power Farm Show</td>
<td>Des Moines, IA</td>
</tr>
<tr>
<td>January 30-Feb. 1, 2020</td>
<td>US Custom Harvesters’ Annual Convention</td>
<td>Hot Springs, AR</td>
</tr>
<tr>
<td>February 5-7, 2020</td>
<td>Southern Farm Show</td>
<td>Raleigh, NC</td>
</tr>
<tr>
<td>Feb. 12-15, 2020</td>
<td>National Farm Machinery Show</td>
<td>Louisville, KY</td>
</tr>
<tr>
<td>Feb. 27-29, 2020</td>
<td>Commodity Classic</td>
<td>San Antonio, TX</td>
</tr>
</tbody>
</table>
The Economics

We believe if you’re going to spend your hard-earned money, there must be a return on your investment (ROI). As a farmer invented, farmer tested and farmer proven™ solution to both corn head and residue management problems, we are confident this kit will perform to the highest of standards, and make you money in the process. Complete the ROI plan below to see how it can pay to run Calmer Products!

1. 6 bu/AC increase when growing continuous corn
   *Corn Value at $3.35 bu
   = $20.10 x _______  Acres = $ ______

2. 2 bu/AC increase in no-till soybeans in a corn-soybean rotation
   *Soybeans valued at $9.45 bu
   = $18.90 x _______  Acres = $ ______

3. Eliminate chopping cornstalks
   Chopping cornstalks valued at $12.40 per acre
   = $12.40 x _______  Acres = $ ______

4. Eliminate Vertical tillage
   Vertical tillage valued at $18.55 per acre
   = $18.55 x _______  Acres = $ ______

5. Add totals from 1, 2, 3, and 4 together
   = $_______

Total potential savings per year

*Corn and soybean values based on market year average prices for 2019, published by USDA in “Agricultural Projections to 2027”

1. “Residue and Agronomic Management to Lessen the Continuous Corn Yield Penalty,” Alison Vogel, Tryston Beyrer, Dr. Fred Below – Department of Crop Sciences, University of Illinois at Urbana-Champaign
2. Calmer Agronomic Research Center

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The foregoing economic worksheet is based upon data from agronomic educational institutions or other institutions. Calmer Corn Heads’ use of this data is reflected in the worksheet, but other data or factors may be used to produce differing results and, also, results may vary based upon farmer’s actions, field conditions and geography. Calmer Corn Heads makes no warranties, guarantees or promises as to the data or the analysis presented in the worksheet, or recommendations based thereon.

Calmer Corn Heads Residue Management Upgrade Kit Limited Warranty

Calmer warrants our parts 100%. This warranty is good throughout the first season after purchase of the part. What this means is that if the part breaks within the first season of use, we will replace the part with a new one without charge to you. Calmer pays for the shipping both ways as well. In the alternative, if you wish, we will refund to you all of the money you paid to Calmer for the part. If the Calmer part does not work in a manner that you expected, we promise that we will work with you to adjust settings and to see if we can obtain satisfactory performance. In the end, if the Calmer part does not work on your farm to your complete satisfaction, we will refund your purchase price. Disclaimers: Calmer is not responsible for and does not warrant as to consequential damages or any other types of damages that may be claimed as a result of part breakage or unsatisfactory performance. In other words, except as stated herein all other warranties or liabilities, expressed or implied, oral or statutory, including any warranty of merchantability or fitness for a particular purpose are expressly denied.
The information in this catalog reflects my expertise on the benefits of my residue management improvement system and how the Calmer BT Chopper® is the most advanced all-weather stalk roll™ system in the industry. These patented parts are Farmer Invented, Farmer Tested, and Farmer Proven™ to get you real results, while making you money in the process.

Marion Calmer
CEO – Calmer Corn Heads, Inc.
President – Calmer Ag Research Center
Owner/Operator – Calmer Farms