

CopperheadAg PRODUCTS



DEVELOPING AFFORDABLE SOLUTIONS
FOR CHALLENGES FACING THE MODERN FARMER.

2024



FURROW CRUISER



with the Copperhead Ag Furrow Cruiser FURROW CRUISER COMPLETES



FURROW CRUISER INSERTS



Furrow Cruiser Inserts are available for farmers who would prefer to use their existing closing wheel hubs. These wheels easily install by separating your wheel hub and adding the insert to the center.

FEATURES

- Built-in depth control
- Compatible with multiple crops
- ① 16 angular teeth
- ② Made with UHMW Poly Material
- ③ Shallow depth option available
- Reversible for double life



CRUISER²

CLOSING THE GAP TO BIGGER YIELDS

with the Copperhead Ag Cruiser 2

UNLOCK THE POWER OF THE ONE PIECE WHEEL WITH ONE SIMPLE UPGRADE



Planters:
Case IH · Great Plains · Horsch · John
Deere · Kinze · Monosem · White

Drills:
Case IH 500T · Case SDX



FEATURES

- One piece wheel
- 4 Easily replaceable single bearing
- 5 Blunt spikes to prevent spearing and wrapping
- 6 Beveled ridge in between spikes to clear out mud
- Durable and long lasting UHMW Poly

PENETRATE TOUGHER FIELD CONDITIONS



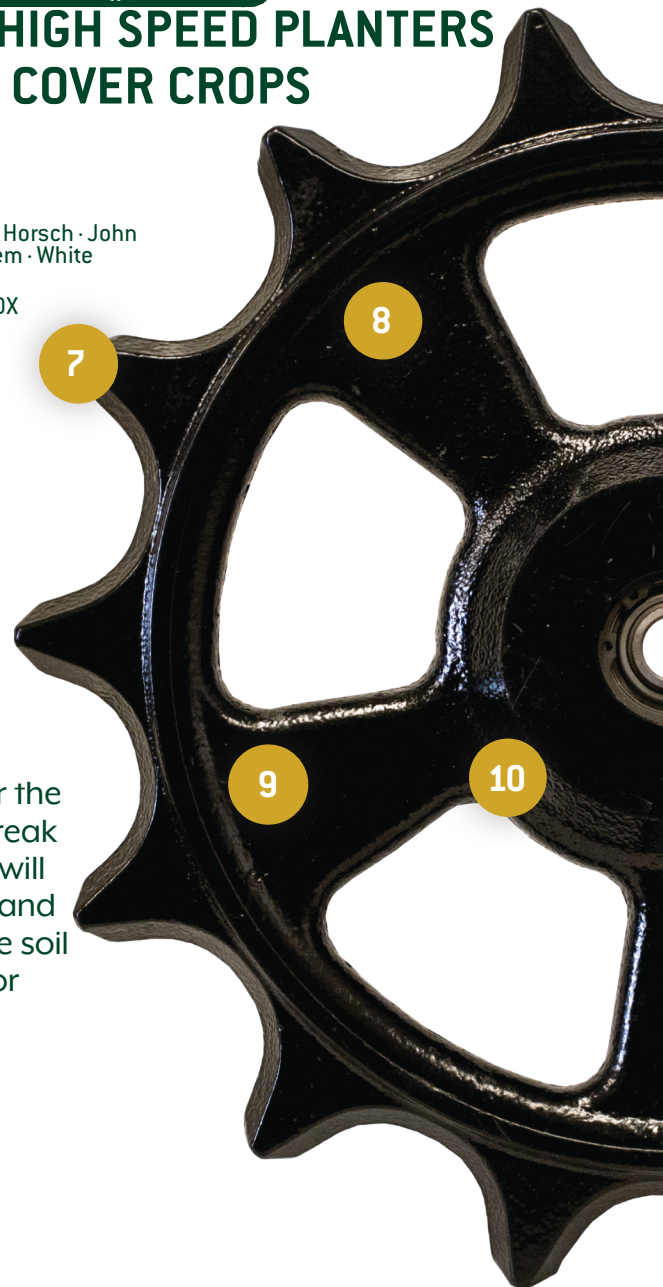
with the Copperhead Ag Cruiser Xtreme



MADE FOR HIGH SPEED PLANTERS
GREAT FOR COVER CROPS

Planters:
Case IH · Great Plains · Horsch · John Deere · Kinze · Monosem · White

Drills:
Case IH 500T · Case SDX



The Cruiser Xtreme is a cast spiked closing wheel that is made for the toughest of conditions and high speed planting. The teeth will break up sidewall compaction and close the furrow. The extra weight will help the wheel to penetrate tougher field conditions. Works well and stays clean in cover crops. The width of the wheel helps to firm the soil around the seed and prohibits the wheel from rooster tailing or moving the seed.

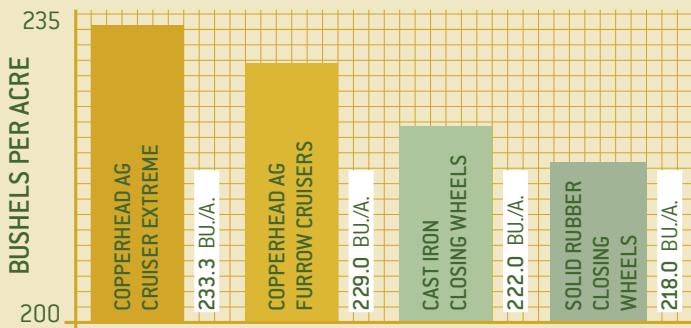
FEATURES

- Built-in depth control
- Compatible with multiple crops
- 14 angular teeth
- Cast iron construction
- Unbeatable durability
- Increased-weight
- Reversible for double life

ALL COPPERHEAD AG SPIKED CLOSING WHEELS

BENEFITS

- Ensure seed to soil contact
- Work in virtually all soil and tillage conditions
- Prevent furrows from re-opening
- Allow young roots to penetrate the sidewalls
- Eliminate air pockets
- Provide simultaneous firming and crumbling on both sides of the seed trench
- Improve emergence
- Clean out well, ensuring that the planter can continue to run even in over saturated soil



CLOSING WHEEL SUMMARY

Trials from Heartland Inc.'s Closing Wheel Study showed the Copperhead closing wheels outperformed the competition and the controls in favorable planting conditions.



CONVERSION KITS

The Case IH Conversion Kit changes a wide closing wheel into a two-wheel closing system. Our Roll-Pin Bearing Conversion Kit converts John Deere 7000/7100, and Kinze Pre 1993 planter tailpiece to blot-style.

"Running for four years. Great in heavy trash and mud. I will not run anything else. I got a new planter and these were the first things we added."

Randy DB60 | South Dakota

DRILL CRUISER

GROW THE POPULATION YOU PLANT

BENEFITS

- Unique combination of sidewall crumbling and soil firming
- Eliminates sidewall compaction
- Angular tooth design helps prevent clogging
- Works in virtually all soil - from sandy to heavy and clay-based
- Prevents bouncing

Drills/Air Seeders:
John Deere 60 & 90 Series



Copperhead Ag's Drill Cruiser is a high quality cast iron wheel with angular, tapered teeth that provides a unique combination of a sidewall crumbling and soil firming. The Drill Cruiser's angular teeth help prevent clogging and allow it to work in all soil, from sandy to heavy and clay based.



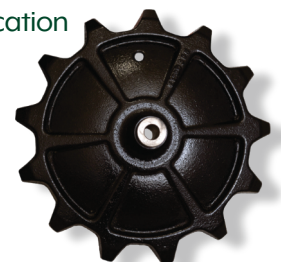
SFP CRUISER

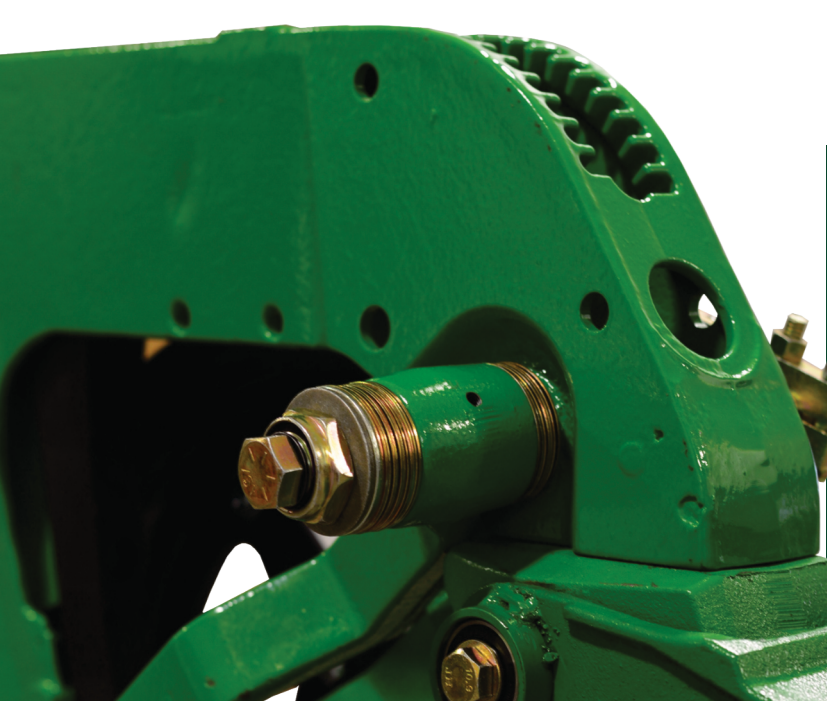
CLOSE & SEAL FERTILIZER INJECTION SLOT

The SFP Cruiser is an aggressive wheel that will crumble and close any type of ground in which you may be applying fertilizer. Solving the leaching issue reported by farmers, the SFP Cruiser fits the Separate Fertilizer Placement row unit built by John Deere, mounted on any of their drills or air seeders.

BENEFITS

- Heavy cast iron material allows for longer wear
- Works in a variety of soil conditions
- Eliminates soil compaction
- Crumbles soil during fertilizer application





RK Products

RK GAUGE WHEEL ARM REPAIR KIT

GAUGE WHEEL ARM REPAIR KIT

Deere 1700, DB, XP

Deere ME5

Deere 7200 12mm bolt

Deere 7000 - 5/8" bolt

Deere 7000, Kinze 2000/3000 - 1/2" bolt

Case IH 955+ / New Holland SP 580

Case IH 800/900

White 5000 to 9000

BENEFITS

- Eliminate wear on gauge wheel arm pivot
- Tighten gauge wheel arms
- Produces more accurate furrow
- Eliminates need to replace bushings
- Eliminate plugging between wheel and disk
- Adds grease-able joint (Case IH only)
- Keeps dry dirt out of furrow



UPDATED ME5 BUSHING

- 1 Partially threaded
- 2 Square head
PRI151A required



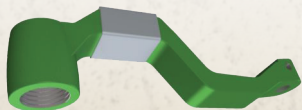
ORIGINAL XP BUSHING

- 1 Fully threaded
- 2 Hex head
PRI150A required



PR1332 Case IH

PR 3142 John Deere



GAUGE WHEEL ARM CLIP



ELIMINATE WEAR ON YOUR GAUGE WHEEL ARM

WITH THE SINGLE BEARING GAUGE WHEEL ARM



A loose gauge wheel arm allows dry dirt to rooster tail into the furrow before nutritious dirt is closed over the seed. A loose gauge wheel will also allow the gauge wheel to become plugged with mud much easier. The new pivot pin combined with the clamping force of the adjusting assembly keeps even the most worn arms tight to the row unit and keeps the gauge wheel tight to the disc openers. These points wear and the arm starts to lean allowing the tire to pull away from the opener disk.

BENEFITS

- Produced more accurate furrow
- Sealed bearing, no greasing required
- Eliminates need to replace bushings
- Eliminate plugging between wheel and disk
- Keeps dry dirt out of furrow

COMPLETE GAUGE WHEEL ARM

- 1 Simple bearing replaces the bushings
- 2 Pre-installed wear clip
- 3 Stud threads right into the planter



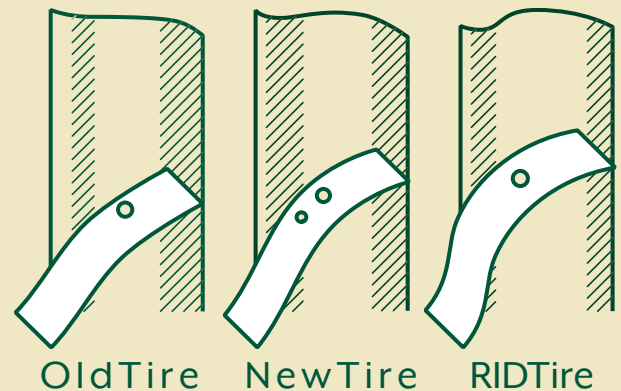


ELIMINATE GAUGE WHEEL MUD BUILDUP WITH THE RK MUD SCRAPER

SCRAPER BLADE PROFILES

Blades sit perpendicular to tire surface allowing greater pressure between the blade and tire

Made from 3/16" heat treated steel, blades are mounted at a 45 degree angle to deflect mud outward

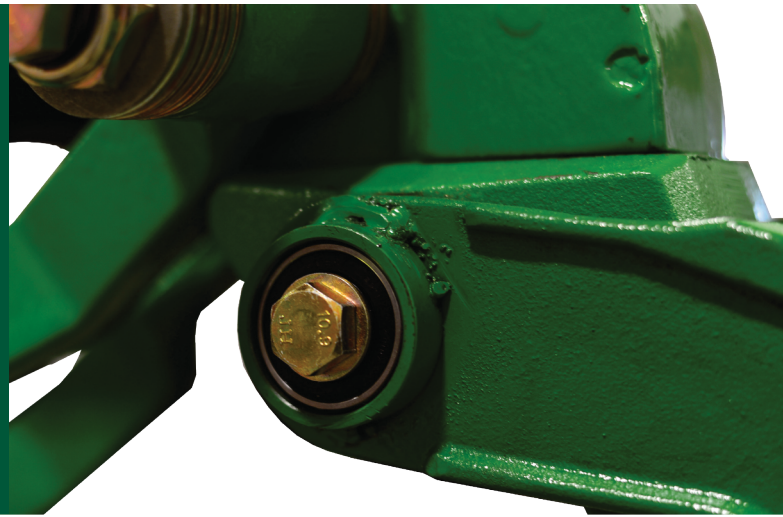


Compatible with:
John Deere, Kinze (Pre 3000) & White (6000 & 8000)

- Blade positioned at 45° relative to the wheel better cleaning
- Eliminate mud buildup in gauge wheels
- Allow for uniform seed depth
- Both angular and lateral adjustment possible
- Made from 3/16" heat treated steel
- Easily clamp to the hub of the gauge wheel arm with a U-bolt
- Two cone point set screws embedded in the surface of the hub to provide stable mounting
- Ideal for 2x2x2 Liquid fertilizer buildup

KEEP YOUR CLOSING WHEEL FRAMES TIGHT

WITH THE RK CLOSING WHEEL FRAME REPAIR KIT



This kit replaces the eccentric bushing on a closing wheel arm with a double sealed ball bearing. It can be used on all planters regardless of wear on the closing wheel arm bracket. Having the closing wheel arms tight is critical to keeping closing wheels centered over the seed trench and ensuring that your closing wheels can operate at peak performance.

If your arm is worn, you will need to weld a bearing housing on to the outside of the tailpiece to hold a ball bearing. The closing wheel arm is made from weldable Cast Steel. If the closing wheel arm is NEW with NO acreage, you may be able to use a ball bearing without a weld on housing. Weld on housing strongly recommended.

BENEFITS

- Keeps closing wheel centered over seed trench
- Closing wheel frame stays in alignment for longer time periods
- Can be installed on new or used equipment

CLOSING WHEEL FRAME REPAIR KIT

Deere 1700, DB, XP, and ME5 (worn tailpiece)

Deere 1700, DB, XP and ME5 (new, no collar)

Deere 7200/7300

Deere 7000/7100

Kinze 2000/3000

White 8000

White 6000



SEED TUBE GUARD



- Heat treated steel bushings minimize wear
- Guides keep seed tube centered on guard
- Wear plates provide several times more wear area than OEM guards
- Protects seed tube 5-6 times longer than with OEM guards
- Ensures consistent furrow depth and shape for the entire planting season

SEED TUBE GUARD - HIGH WEAR

Deere XP

Deere Non XP/Kinze 2000/3000

White

Deere and Kinze 3 oversize

White 9000

SEED TUBE GUARD - FERTILIZER TUBE ASSEMBLY



- Fertilizer Tube Attachment uses same nuts and bolts as guide to attach guard
- In-furrow fertilizer replacement

SEED TUBE GUARD - EXTENDED FERTILIZER TUBE ASSEMBLY



- Stainless steel In Furrow Tube. Fits XP Seed Tube Guard only
- Bolts to guard. V-tab supports position. 3/8 push fit fitting to connect to tube

DRILL ARM REPAIR KIT



- Improves performance by forcing the closing wheel arm to track properly
- Reduces wheel bounce noticeably
- Three disc springs keep the closing wheel arm parallel to the end of the bearing housing
- Clamping force keeps arms straight

DEERE 750 DRILLS

PR7111

Serial #1-3834

PR7211

Serial #3835 - 5999 Straight Pin

PR7221

Serial #3835 - 5999 Drilled Pin

PR7630

Serial 6000+

DEERE 60 & 90 SERIES DRILLS

PR7730

Drilled bolt with seals and bearings

PR7740

Non Drilled, no seals bearings, or pivot bushing

PR7750

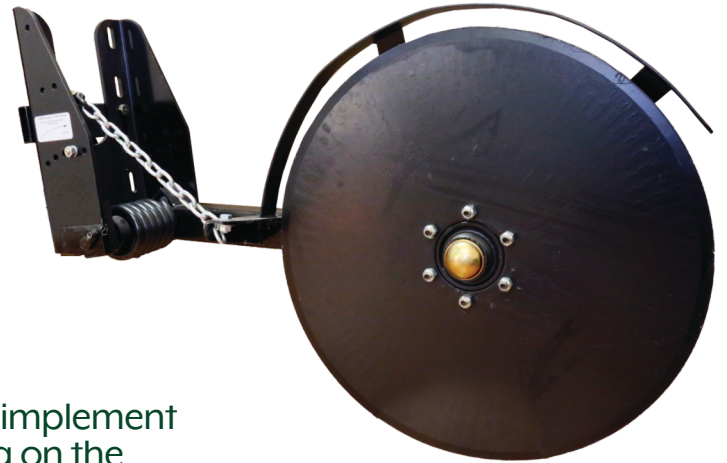
Non Drilled with seals and bearings

PR7770

Drilled bolt, no seals, bearings, or pivot bushing

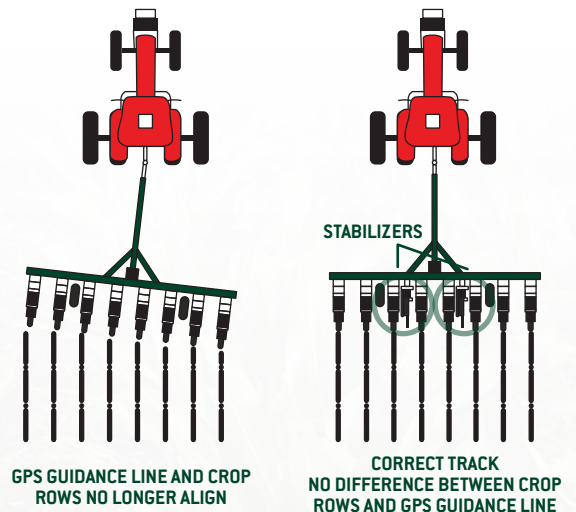
IMPLEMENT STABILIZER

ELIMINATE IMPLEMENT DRIFT



Heavy duty rear-mounted disc stabilizer prevents implement from sliding due to moisture conditions, operating on the side of hills, or uneven wear on row units.

- Heavy duty for the heaviest equipment
- Standard safety shield
- Dependable coil spring protection
- Adequate height adjustment for high tool bar implements
- Maintenance-free pre-lubed bushing
- Spring pre-load to keep coulter from sagging when implement is raised
- Gives positive position control to any implement for improved performance
- Can be mounted on implements such as planters, bedders, cultivators, etc
- Optional hydraulic lift kit available





SABERTOOTH ROW CLEANERS

Disc concavity, along with the Saber-tooth's unique tooth design, allows the trash discs to contact material in the seed bed then flow and release it between the rows. This tooth design prevents the concave disc from plowing the soil while removing residue from the seed bed that can cause seed germination and emergence problems. The concave disc design rolls residue from the seed bed with no down-force, increasing bearing life. The Saber-tooth discs are staggered for a lead and trailing disc to prevent the discs from plugging on residue and allows each disc to move material and not compete with each other.

Compatible With:
Case IH · Great Plains · Horsch · John Deere · Kinze · Monosem · White



FLOATING

- Floating arm maintain optimal cleaning at any height
- Polymer bands create floatation in soft soil and minimize buildup crawling underneath the planter
- Eliminates stress on planter row unit for smoother ride

SCREW ADJUST

- Features depth indicator
- Can be adjusted without crawling underneath the planter
- Heavy duty construction for seasons of maintenance free use

PIN ADJUST

- Quick adjust tool to make adjustments easy
- Can be used in conjunction with NutriMate3 Fertilizer Applicator
- Heavy duty construction for seasons of maintenance free use



FRAME MOUNT



ROW UNIT MOUNT



NUTRIMATE³

PUTS FERTILIZER IN THE
ROOT ZONE...

NOT ON THE
SOIL SURFACE.

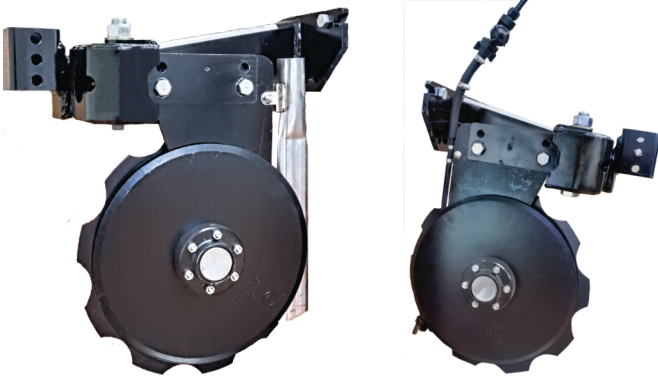
NutriMate3 design places starter fertilizer directly in the root zone, guaranteeing efficient uptake by roots. 2x2x2 Starter fertilizer placement encourages more uniform root growth and increased root mass with leads to higher yields.

NUTRIFLOATER



- Combines Sabertooth Row Cleaners with NutriMate3 for optimal row unit performance
- Features an easily adjustable cam for consistent row cleaner depth adjustment
- Can apply high gallons of nutrients without risk of seed burn
- Can be used with spring down force or with Precision Planting Clean Sweep®

NUTRIMATE 3



- NutriMate discs feature a notch to create rotation and prevent slippage and plugging
- Available with floating or pin adjust Sabertooth row cleaners

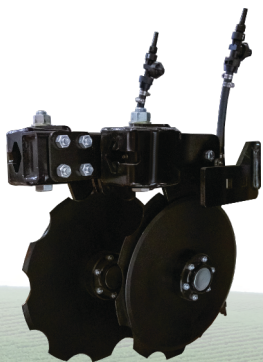
DRY

- Delivery tube places fertilizer in bottom of soil opening

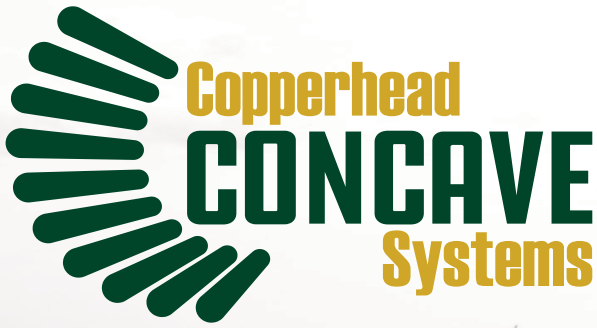
LIQUID

- Easy and inexpensive to replace
- Check valve keep lines from draining at end of field

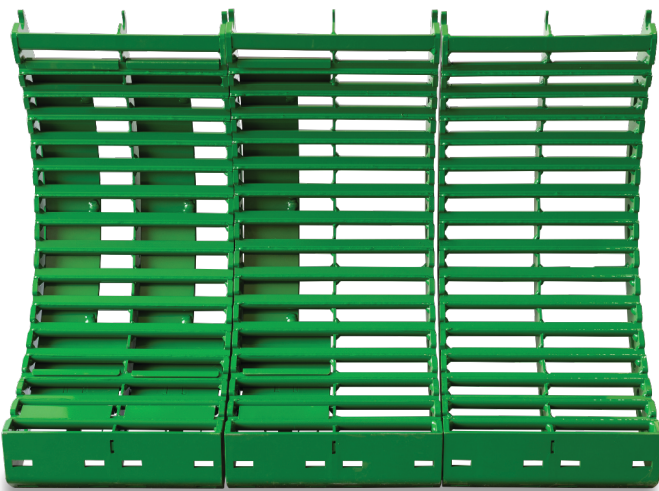
DOUBLE NUTRIMATE 3



- NutriMate double disc features a notch disc to create rotation and prevent slippage and plugging
- Available with floating or pin adjust Sabertooth row cleaners
- Splitting nutrient application on both sides of the furrow allows roots on both sides of the plant to take up valuable nutrients



ONE CONCAVE ALL CROPS



**JOHN DEERE X9, S OR STS SERIES & SMALL ROTOR
CASE IH 88 & FLAGSHIP & FENDT IDEAL**



FEATURES

- Notched bar design
- Increased space between bars
- 135% more threshing surface area
- Adjustable & removable cover plates
- Universal crop design
- Includes disrupter lugs

CASE IH SPIKED RASP BARS

High performance bars for Case IH Specialty, AFX & Flagship rotors. Overloaded separation sections cause rotor loss, but by adding spike threshing elements to your rotor, you increase your machine's ability to separate grain, and reduce rotor loss

•Excellent wear ability

•Cast chrome (high impact resistant)





The Copperhead Concave System's Patented 90° notched bar allows the crop to be more efficiently threshed and unloaded sooner through the progressively more open spacing-allowing a cleaner sample that can be harvested faster with less fuel consumption. The hard surfacing and set-in robust construction ensure the Copperhead concaves will last for many years to come.



90° HARD SURFACE

BEST AFTERMARKET CONCAVE SINCE 2004

BENEFITS

- Eliminate rotor loss
- Increase capacity
- Decrease grain damage
- Decrease fuel consumption
- Cleaner grain sample
- Eliminate changing concaves for different crops
- Increase harvested bushels/acre
- Run combine on slower rotor speed
- Unload the concave quicker

DOUBLE YOUR INVESTMENT
IN 1,000 ACRES

**2X
ROI**



"I run a 9760 in seed beans and corn, since I've been running the concaves I have next to zero rotor loss, increased ground speed, and have the cleanest sample with way less cracks and splits."

John Farmer | Nebraska, USA



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