



Combine Settings for a Great No-Till Soybean Harvest



Marion Calmer

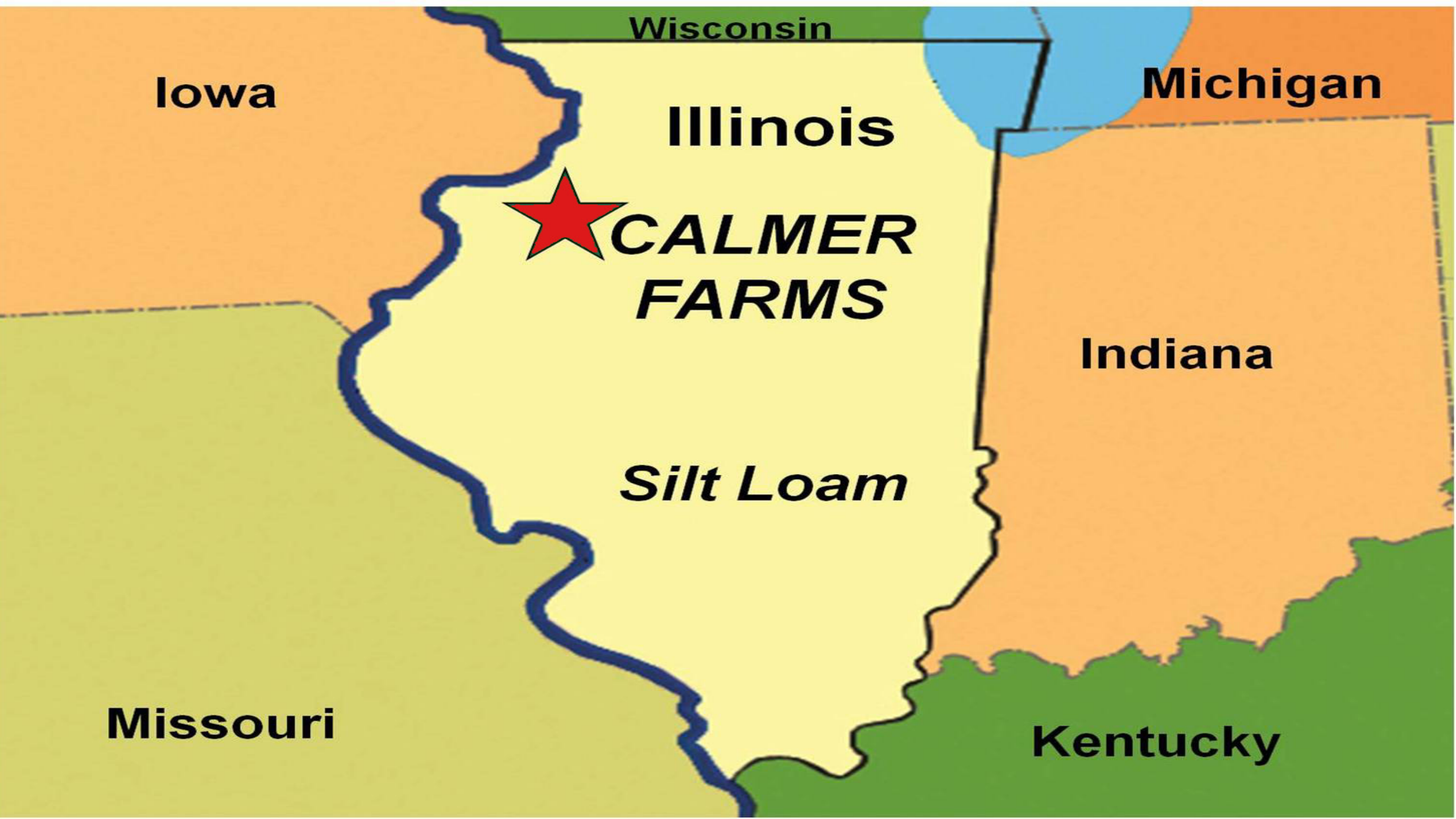
Fourth Generation Farmer in Alpha, IL

Founder of Calmer's Agronomic Research Center

Inventor of World's First 12- and 15-inch Corn Head

Founder/CEO of Calmer Corn Heads, Inc.





Wisconsin

Iowa

Michigan

Illinois

 ***CALMER
FARMS***

Indiana

Silt Loam

Missouri

Kentucky



SAMSUNG



2188

Soybeans Only

2577

Corn Only

S-680

Corn & Soybeans

9120

Corn Only









Combine Soybean Harvesting Problems & Solutions

Problems

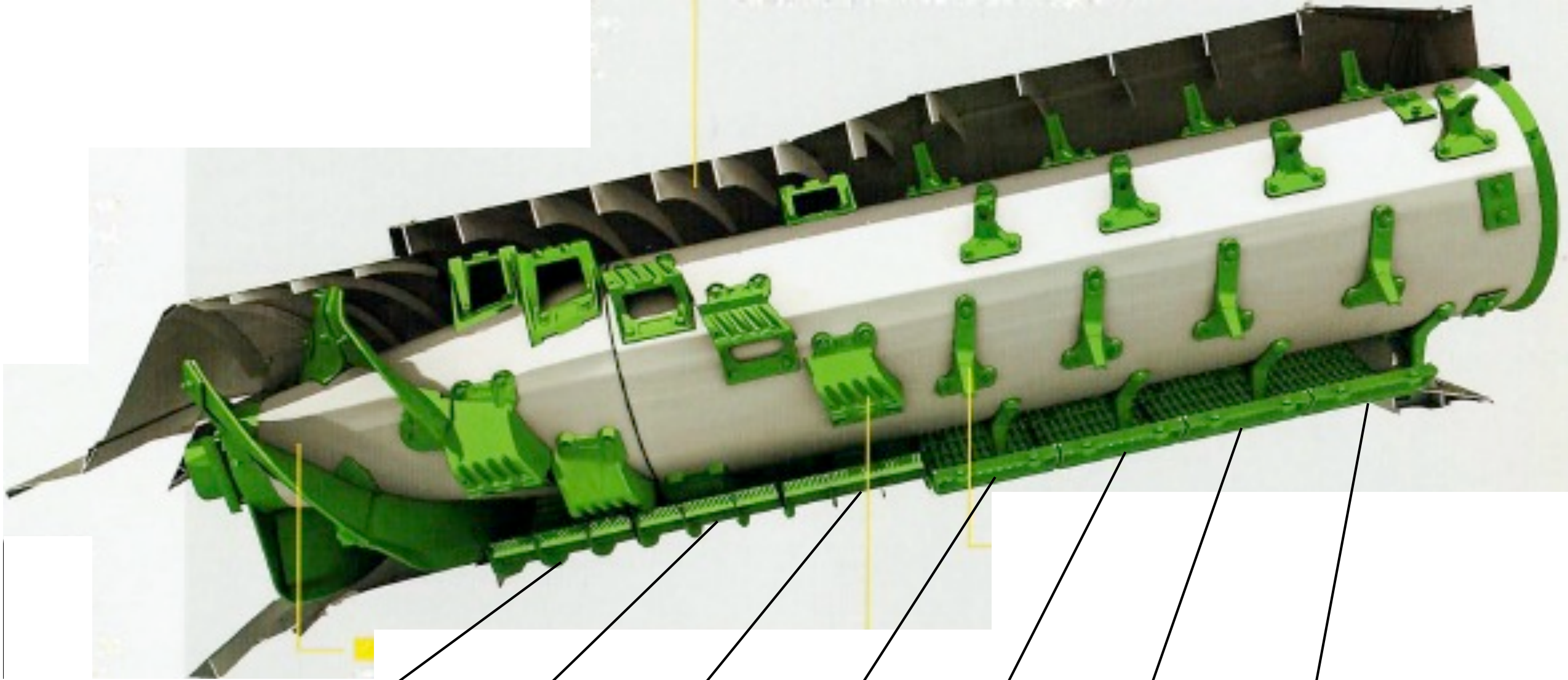
- Pods in the Sample & High Tailings
- Chaff in the Sample
- Sieve Loss

Solutions

- Cover Plates
- MOG Limiting Inserts
- Slotted Grates for Case IH Combines

John Deere Rotary Combines





Position
1

Position
2

Position
3

Position
4

Position
5

Position
6

Position
7



Unthreshed Pods in Sample





Grain Loss Monitor Showing High Tailings



31st Annual
NATIONAL
NO-TILLAGE
CONFERENCE

January 10-13, 2023 • St. Louis, Mo.

Yetter
FARM EQUIPMENT
SINCE 1930

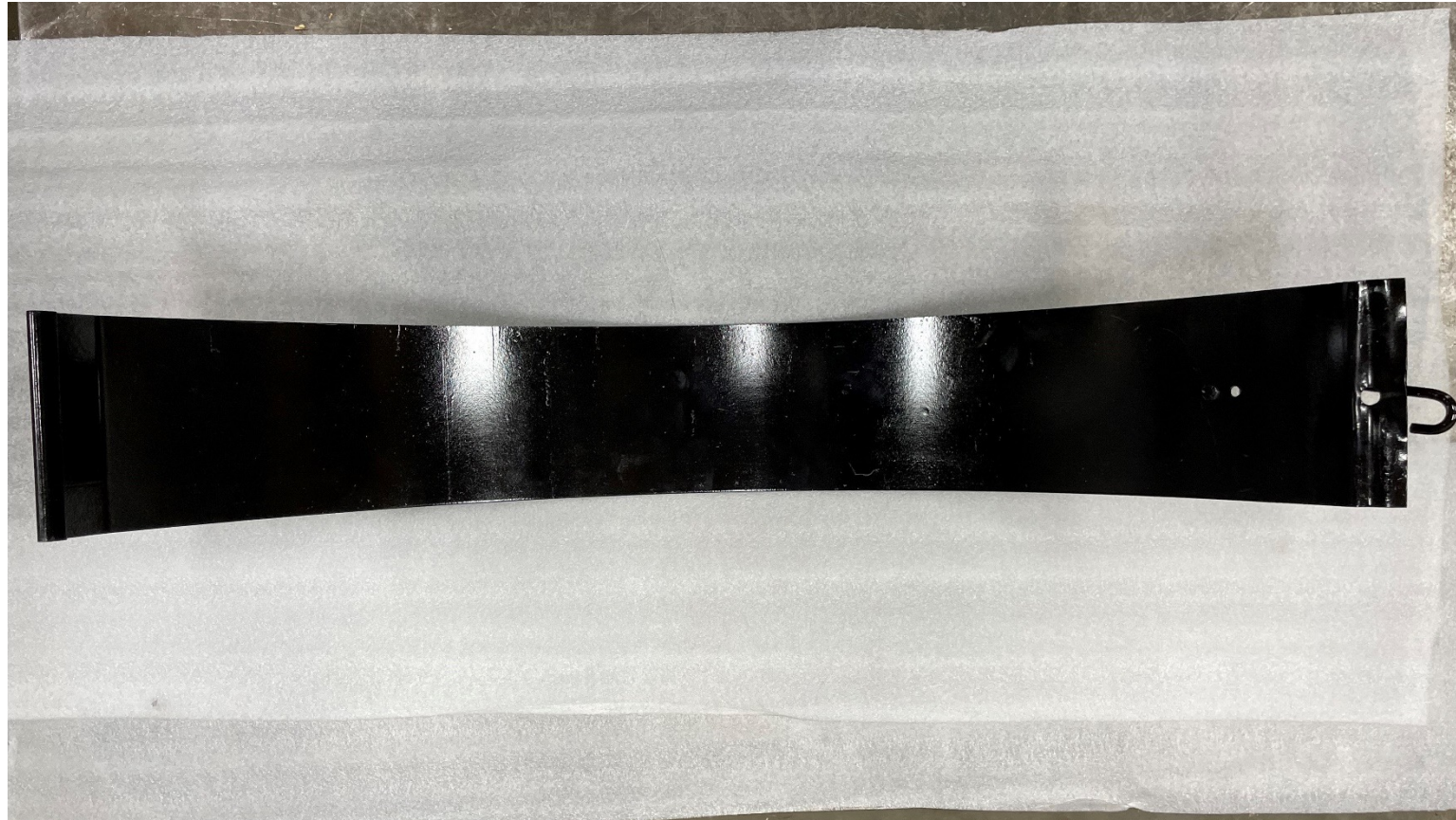
Ag Leader

exapta
solutions, inc.

**Precision
Planting**

MonTag

The Anderson



Calmer Pod Buster Cover Plate

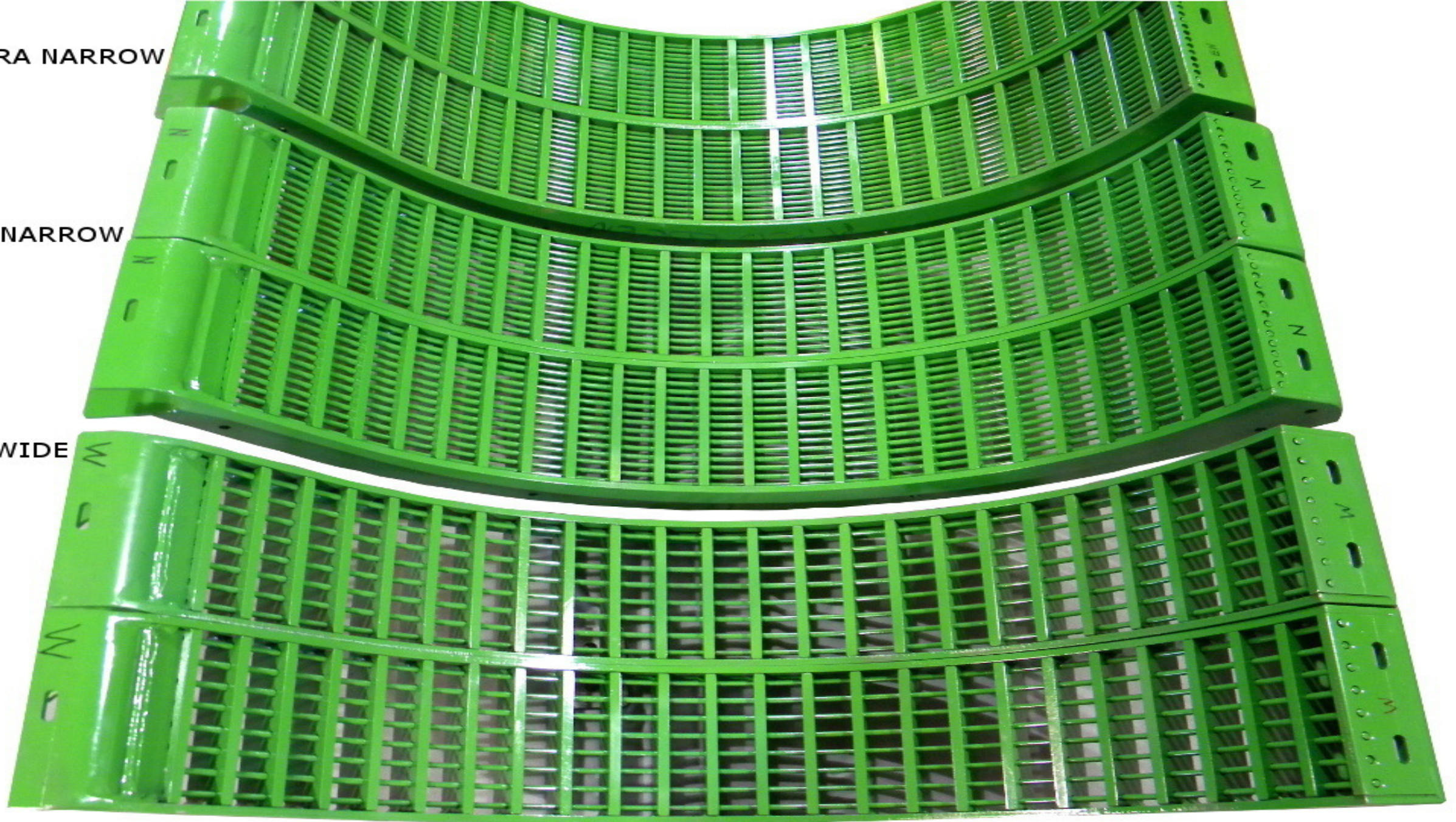




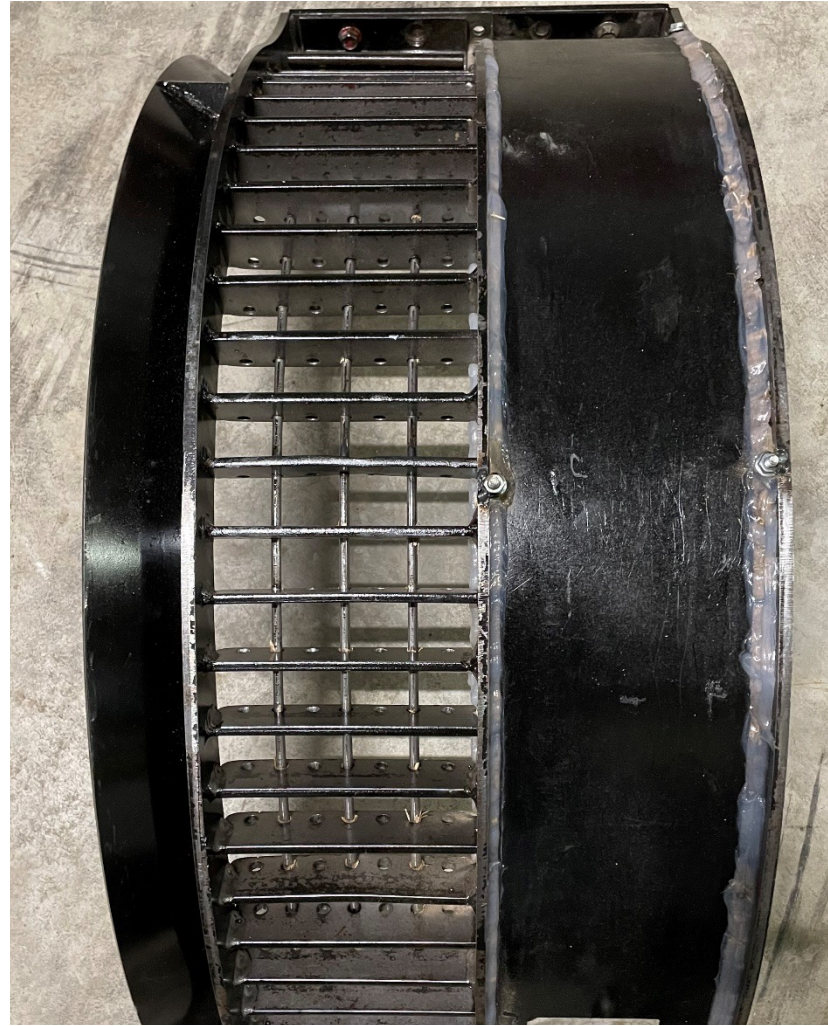
EXTRA NARROW

NARROW

WIDE



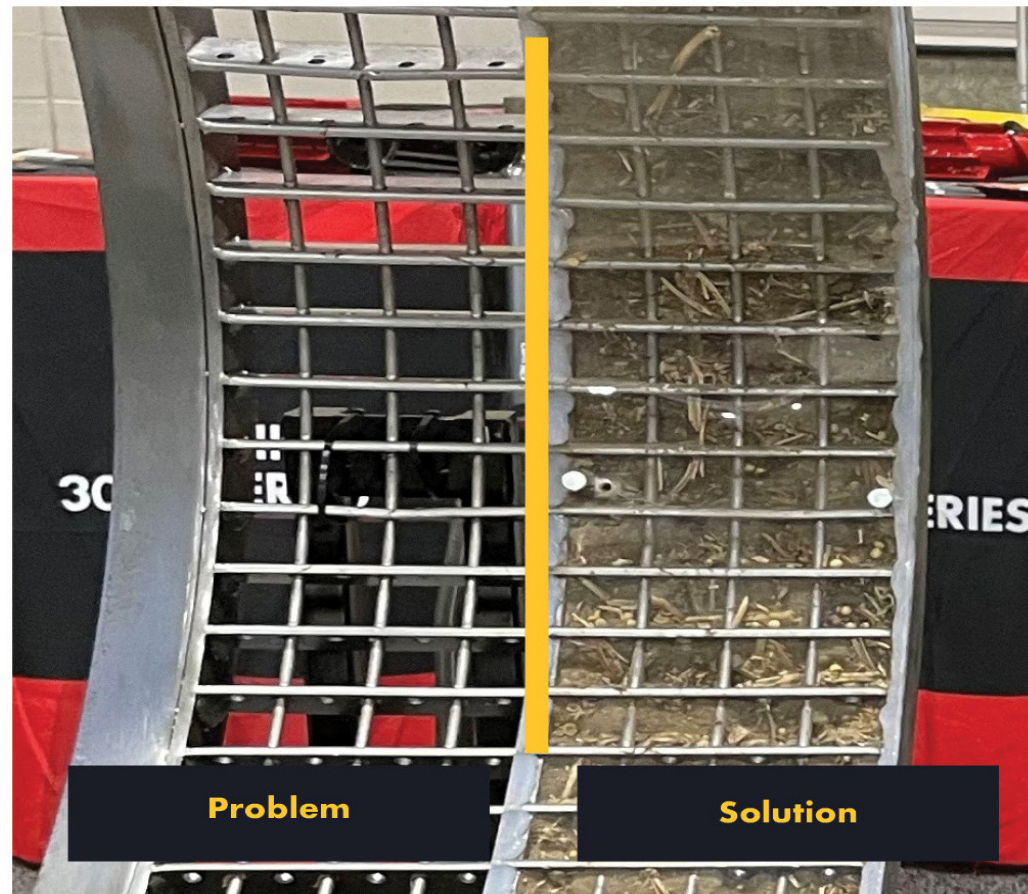
Problem
Unthreshed
Pods Fall
Through



Solution
Cover Plates
Helps Retain
Threshed
Pods



Problem
Unthreshed
Pods Fall
Through



Solution
Mattress is
Formed with
Threshed
Pods







Fully-Threshed Beans in Clean Sample





Lima Beans in Hand





Hulls/Chaff in Sample





MOG Falling Through Concave

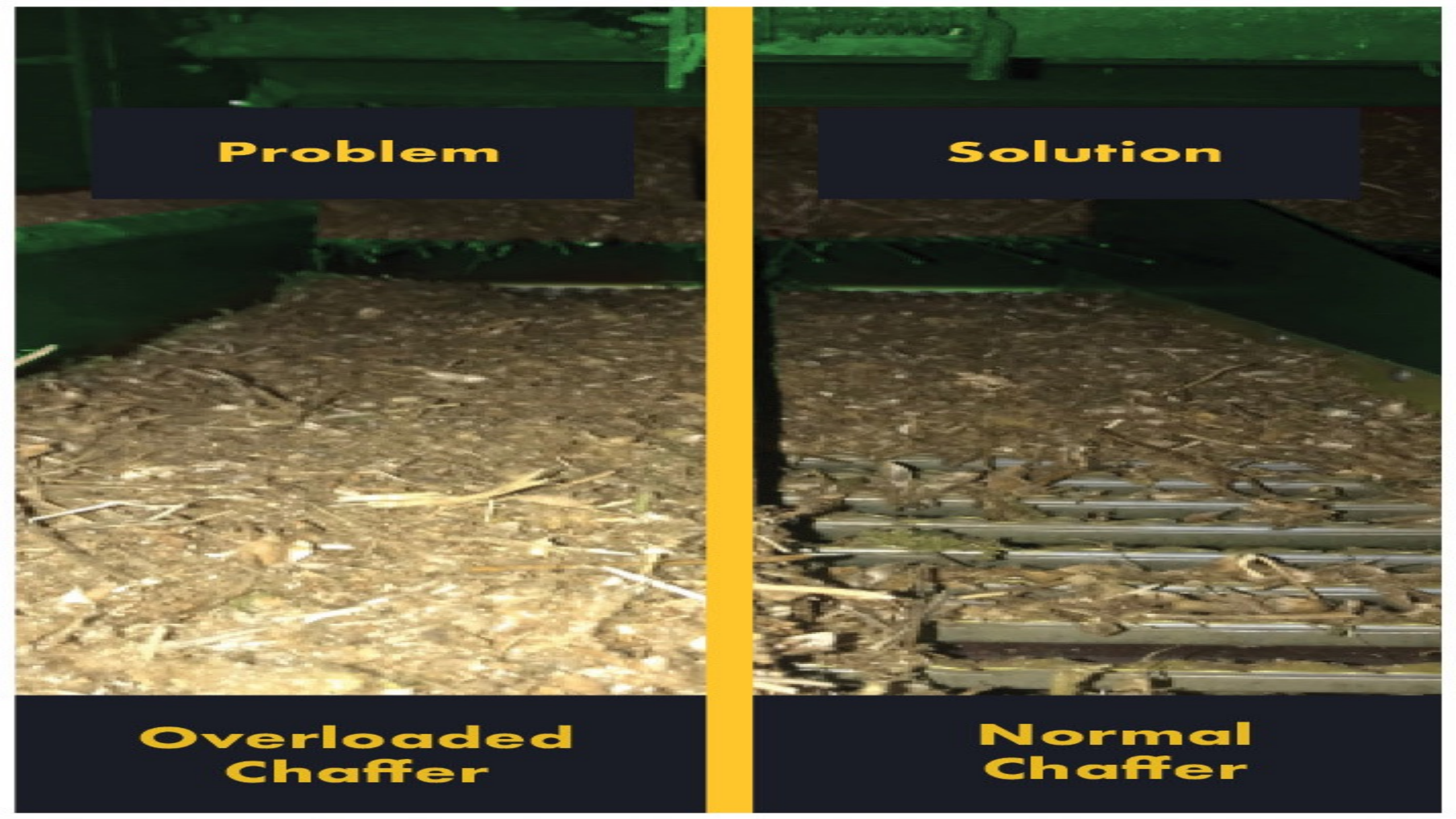


Problem

Solution

**Overloaded
Chaffer**

**Normal
Chaffer**



Grain Loss Monitor Showing High Tailings











Calmer 1/4 Wrap MOG Limiting Concave Insert

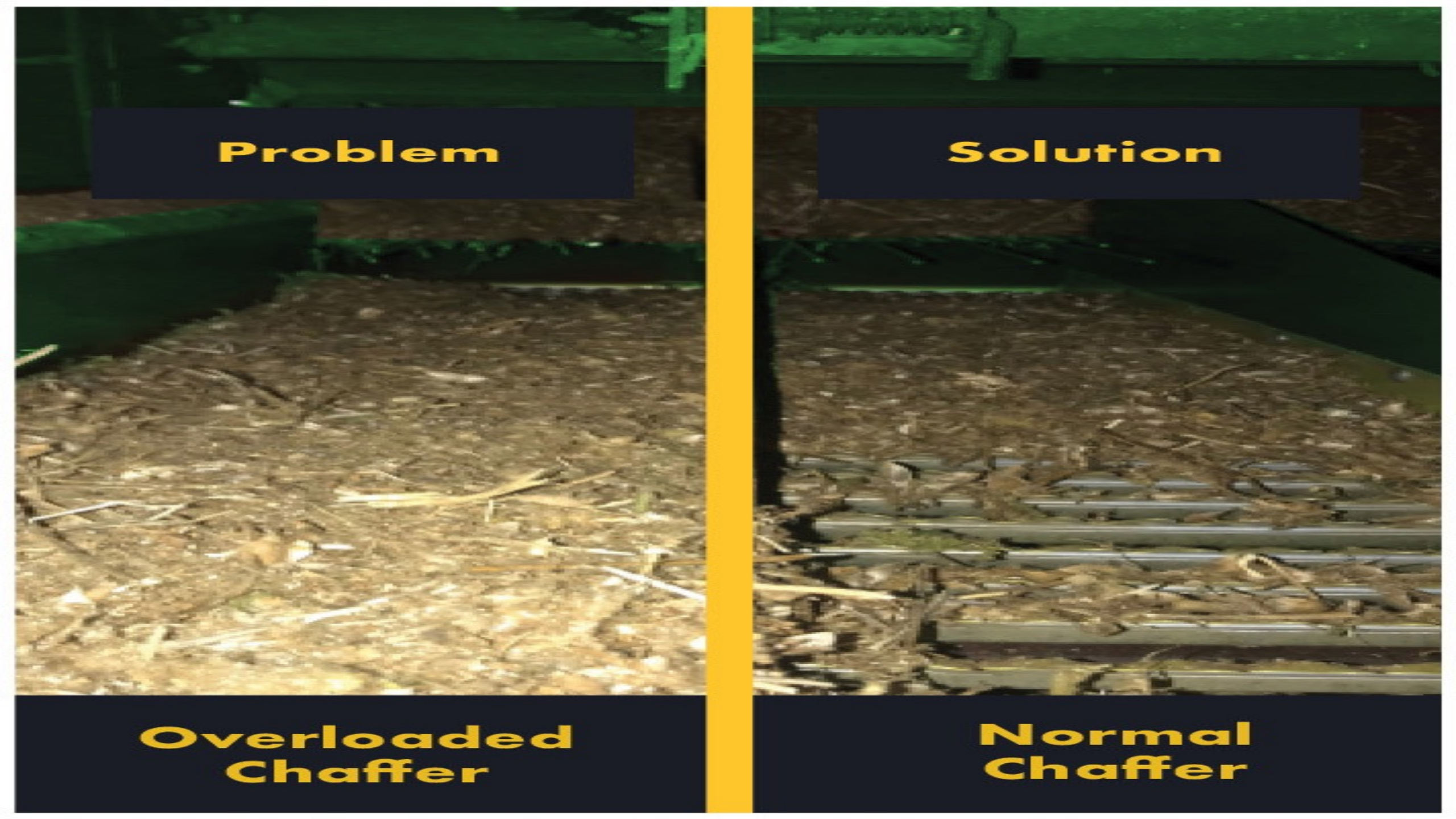


Problem

Solution

**Overloaded
Chaffer**

**Normal
Chaffer**





Clean Soybean Sample



Combine Soybean Harvesting Problems & Solutions

Problems

- Pods in the Sample & High Tailings
- Chaff in the Sample
- Sieve Loss

Solutions

- Cover Plates
- MOG Limiting Inserts
- Slotted Grates for Case IH Combines





Start soybean harvest on the downwind side of the field

Case IH Legacy Series Combines





Unthreshed Pods in Sample





Case IH Grain Loss Monitor Showing High Tailings

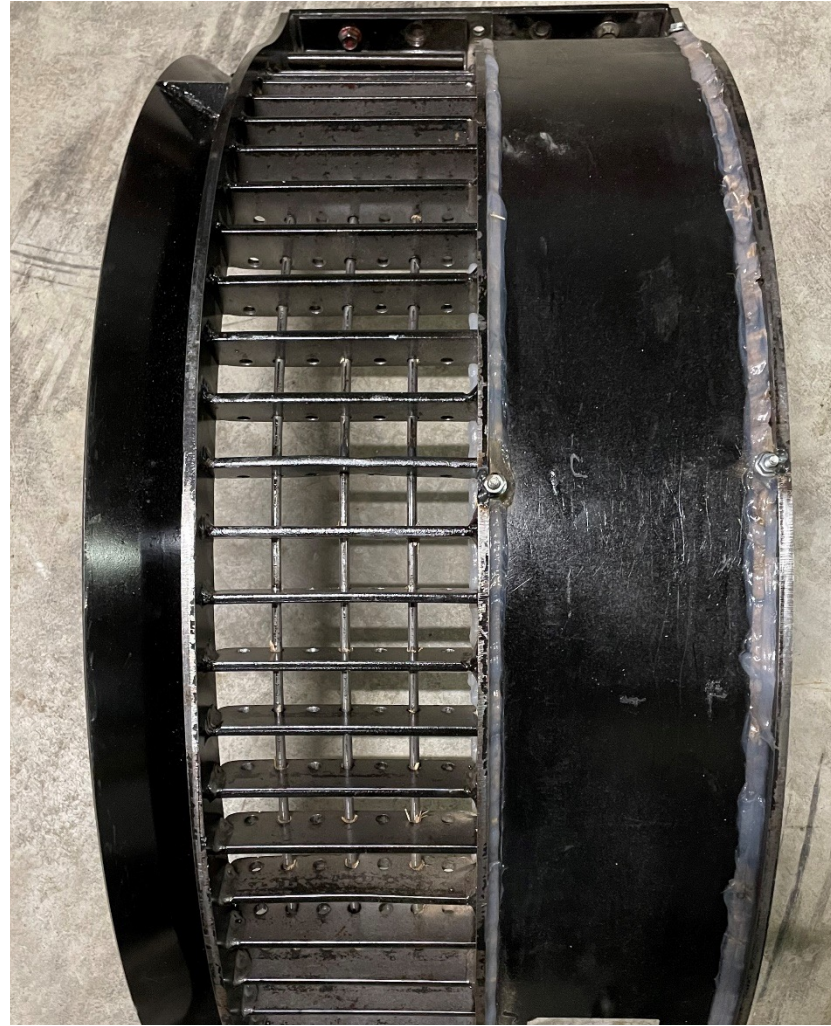


Pods Easily Drop Through This Concave Design





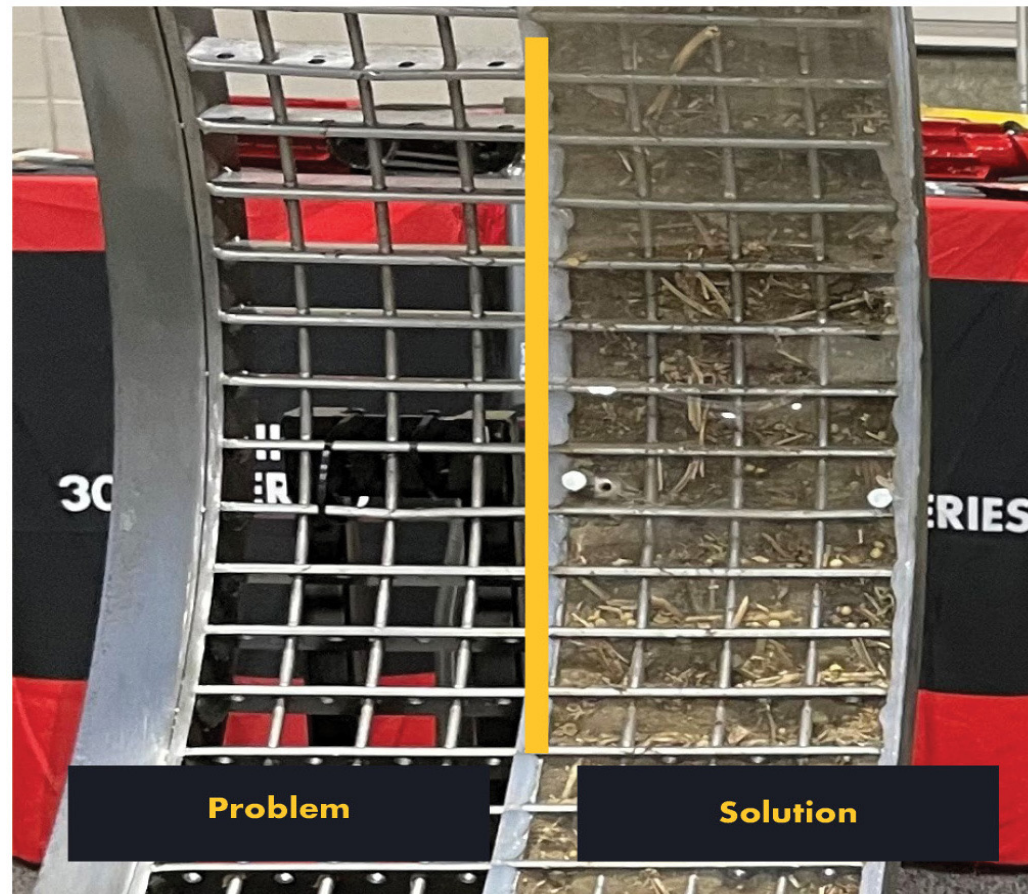
Problem
Unthreshed
Pods Fall
Through



Solution
Cover Plates
Helps Retain
Threshed
Pods



Problem
Unthreshed
Pods Fall
Through



Solution
Mattress is
Formed with
Threshed
Pods







Case IH Grain Loss Monitor Showing Low Tailings





Fully-Threshed Beans in Clean Sample





Hulls/Chaff in Sample





Problem: Case IH Large Wire Concave



Problem



**Overloaded
Chaffer**

Solution



**Normal
Chaffer**





Problem



**Overloaded
Chaffer**

Solution



**Normal
Chaffer**



Clean Soybean Sample





Problem: 3/8" Square Bar Concave





Case IH Grain Loss Monitor Showing High Tailings





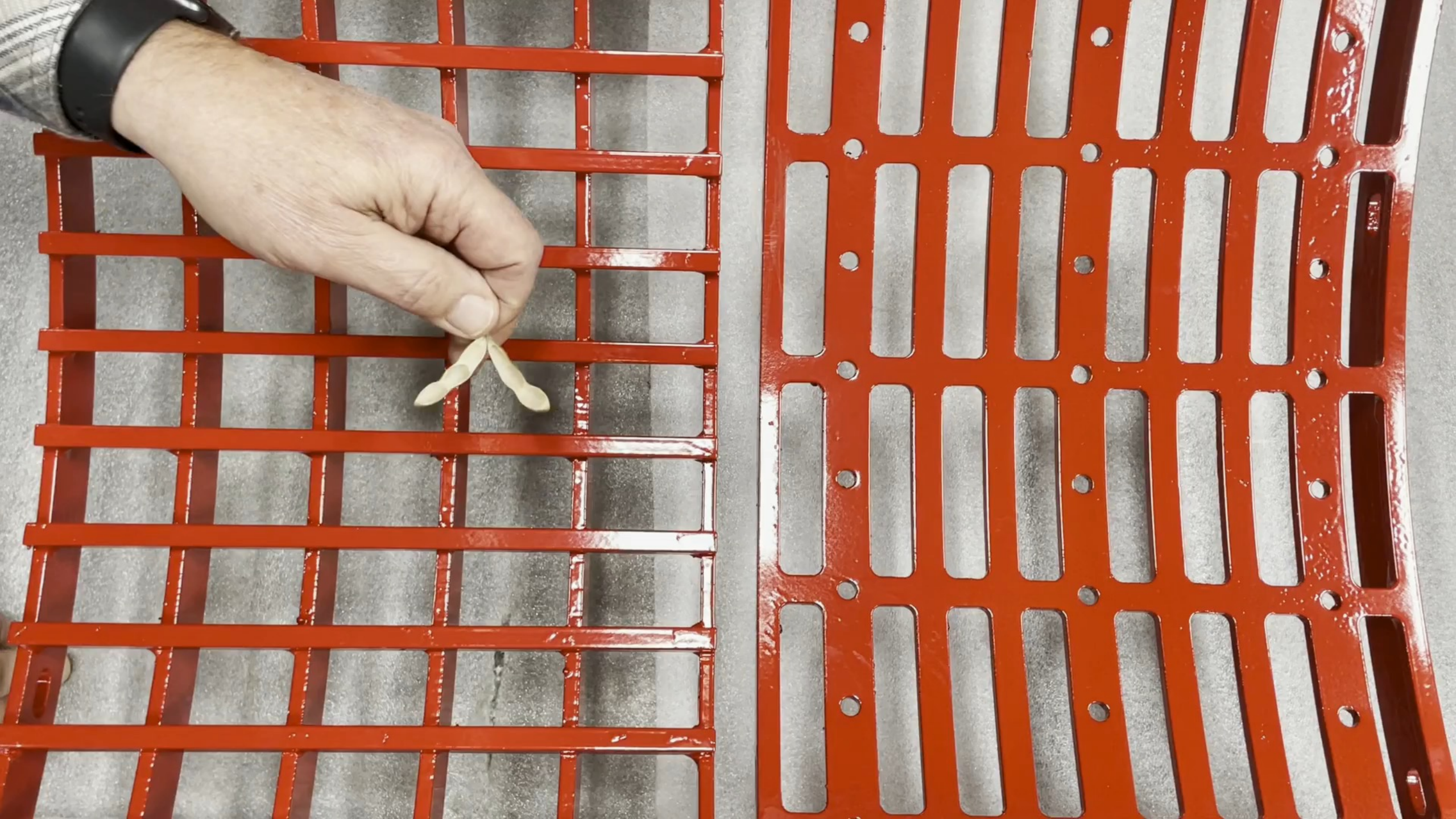
Hulls/Chaff in Sample





No MOG Falling Through Calmer MOG Limiting Separating Grates









Grain Loss Monitor Showing Low Sieve Loss & Low Tailings





Clean Soybean Sample



Combine Soybean Harvesting Problems & Solutions

Problems

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- Sieve Loss

Solutions

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- MOG Limiting Inserts
- Slotted Grates for Case IH Combines



CASE IH



AXIAL-FLOW



Coors
LIGHT®



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Sign Up at the Front for Upcoming Combine Clinics!





Thank you from Marion Calmer!
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