

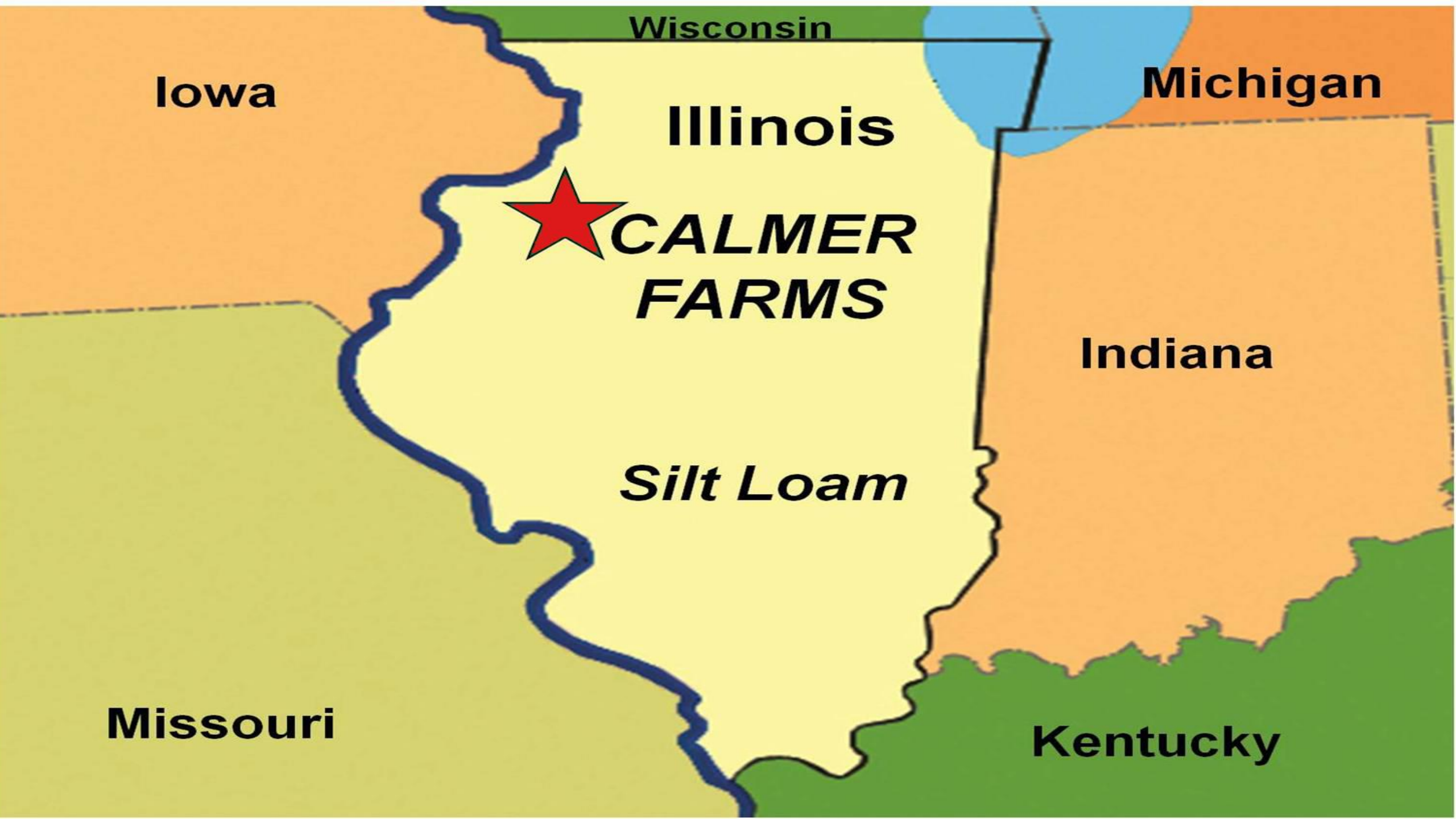
Combine Settings for a Great No-Till Soybean Harvest

Marion Calmer

Fourth Generation Farmer in Alpha, IL

Founder of Calmer's Agronomic Research
Center

Founder/CEO of Calmer Corn Heads, Inc.



Wisconsin

Iowa

Illinois

Michigan



***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

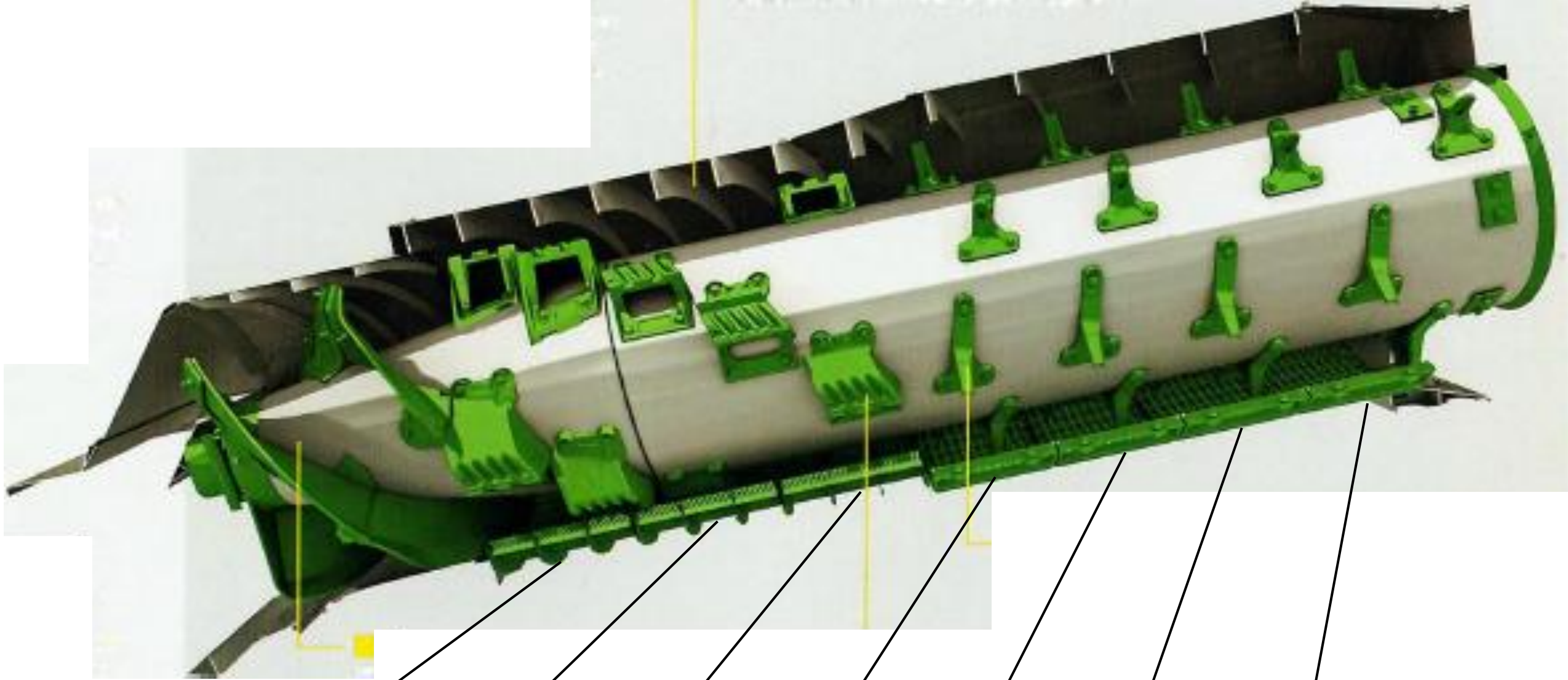
- Pods in the Sample & High Tailings
- Chaff in the Sample
- Sieve Loss

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



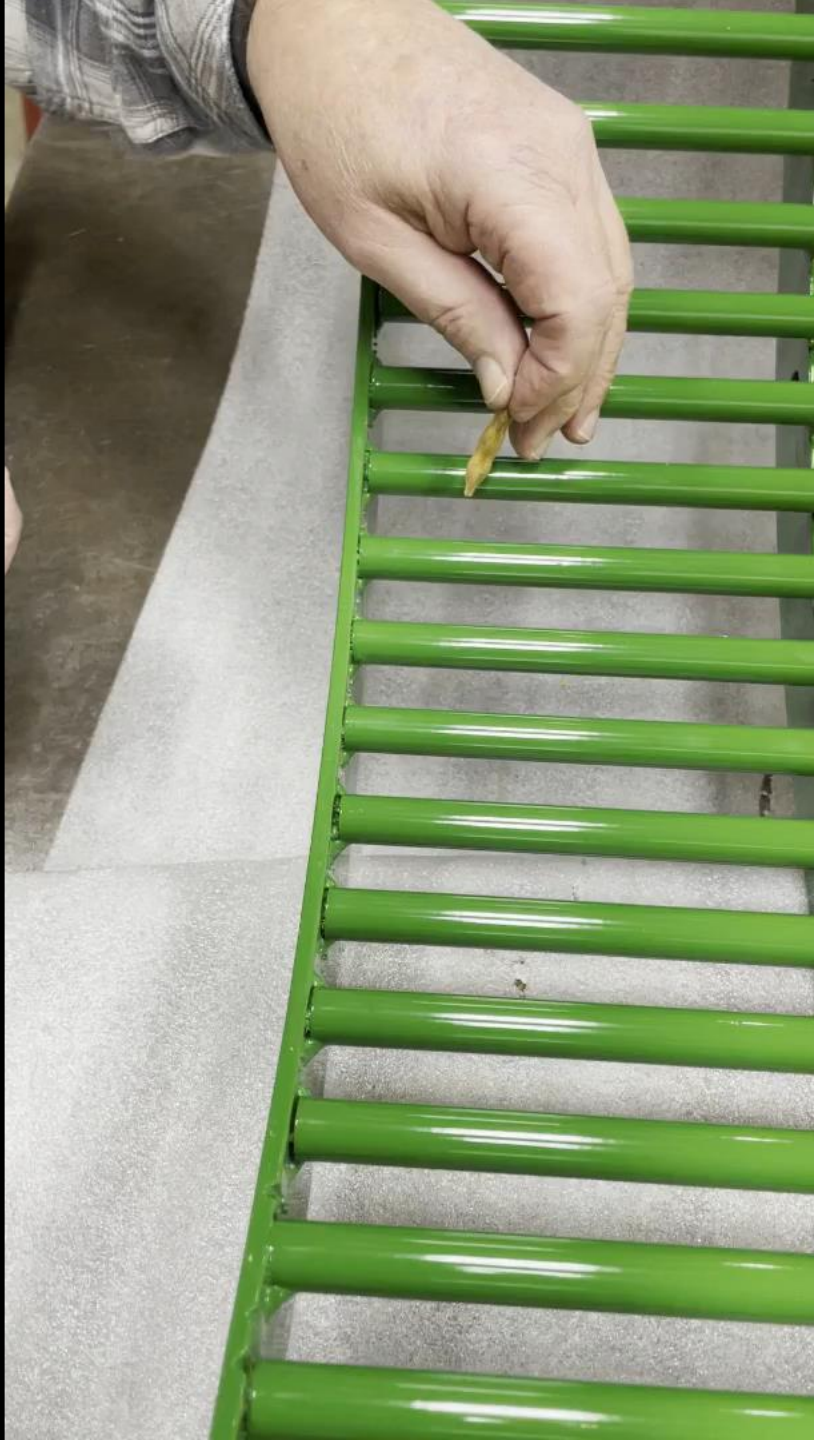


Grain Loss Monitor Showing High Tailings



Calmer Pod Buster Cover Plate

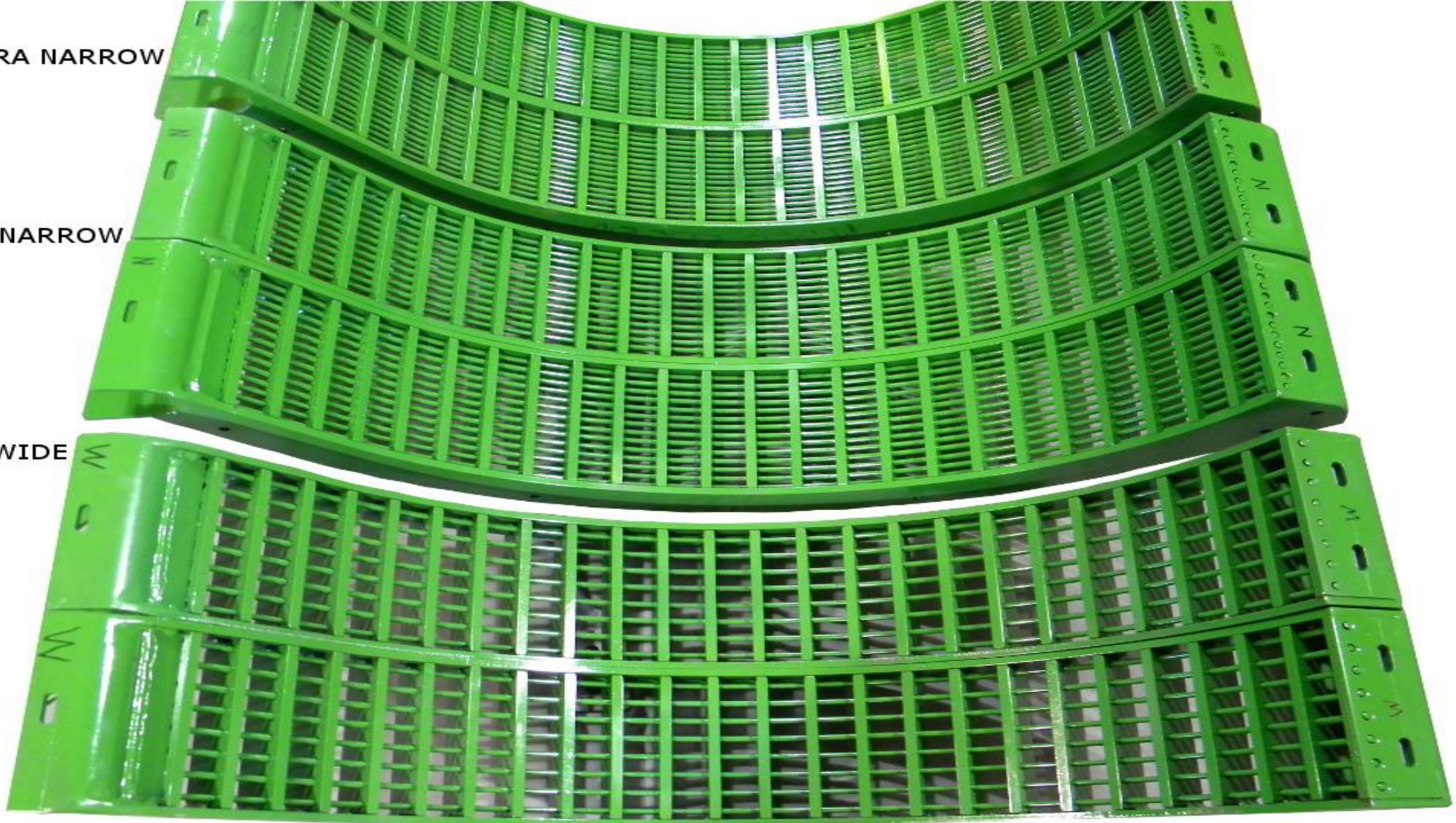




EXTRA NARROW

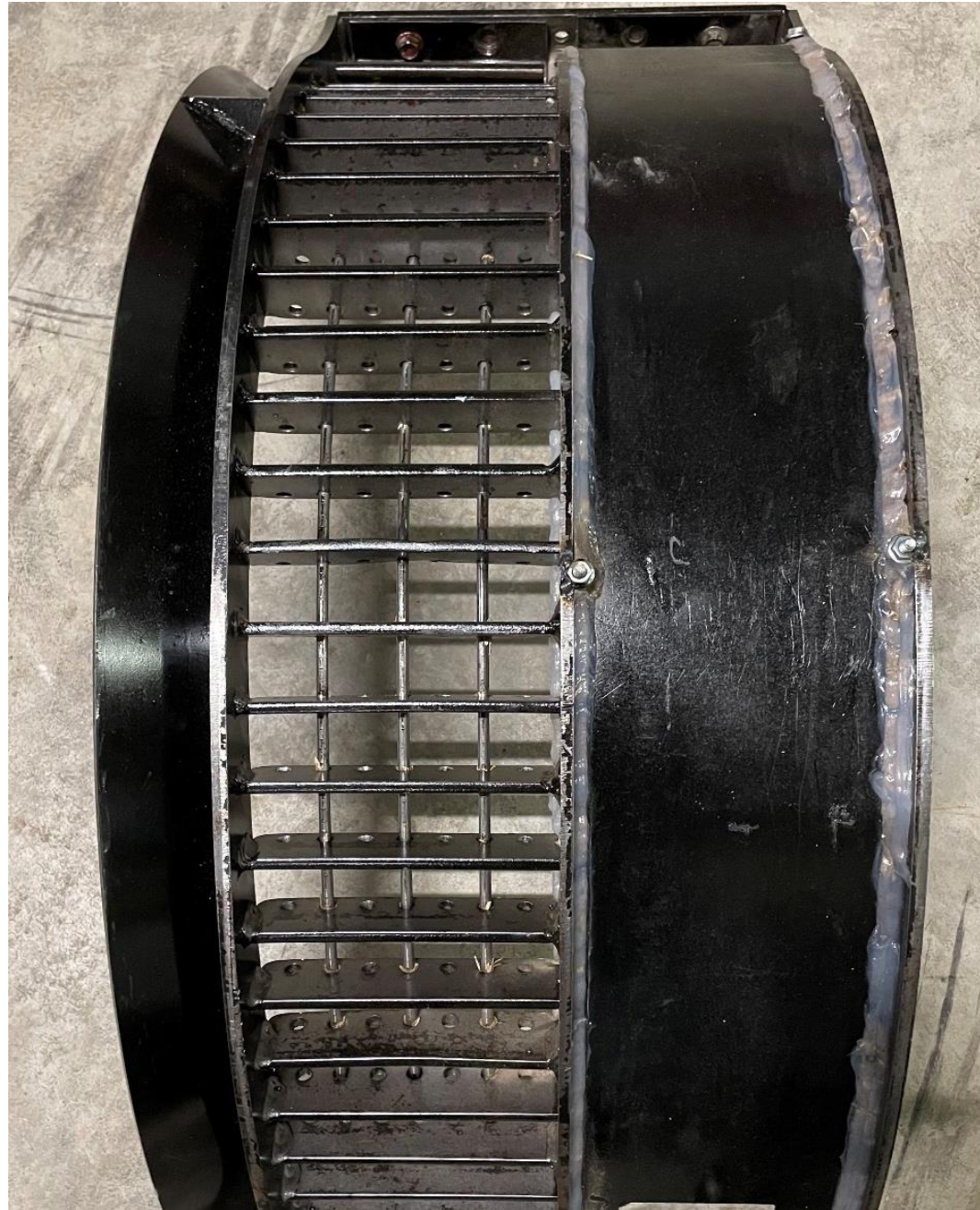
NARROW

WIDE



Problem

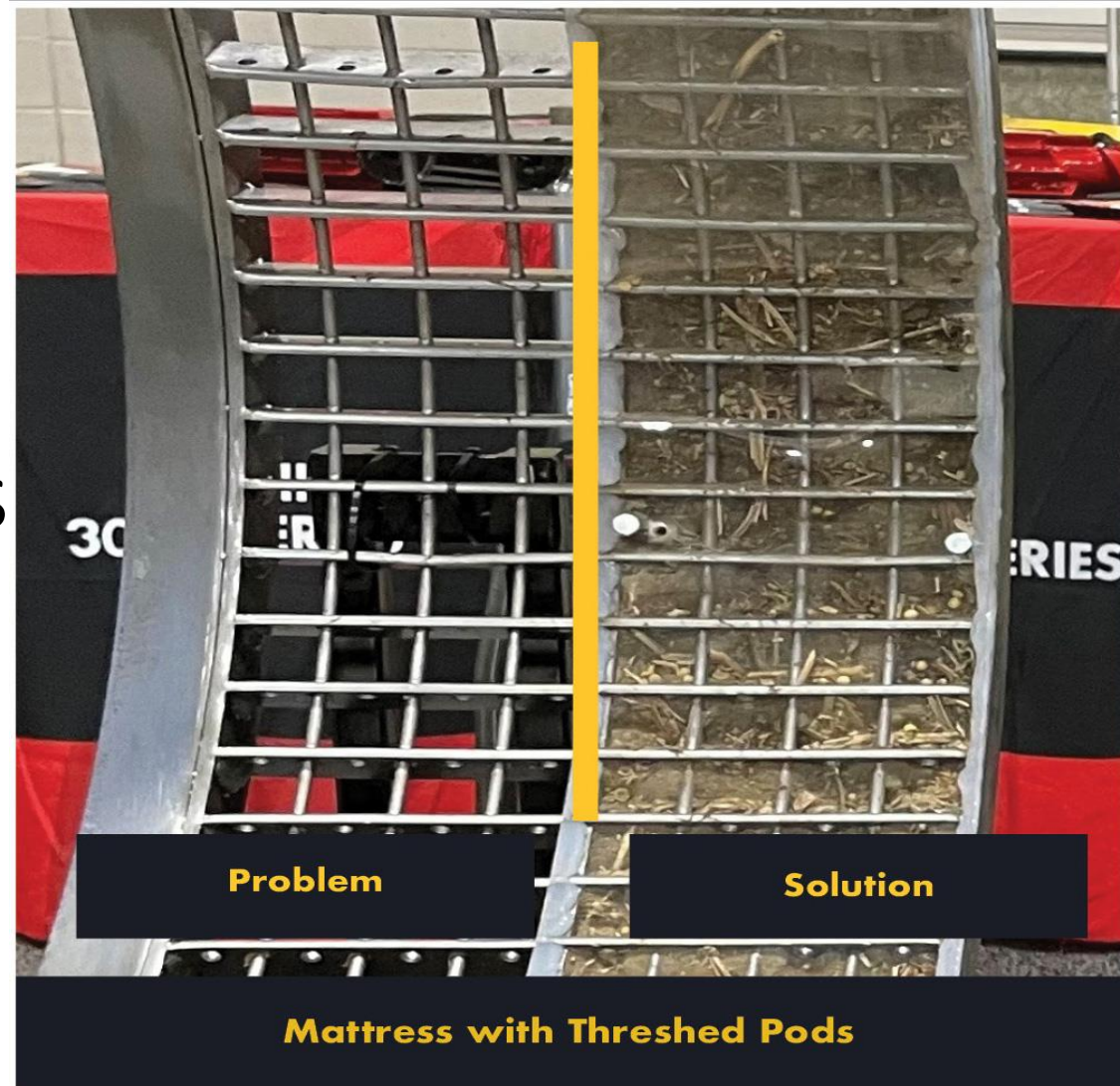
Unthreshed Pods
Fall Through



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



**Overloaded
Chaffer**

Solution



**Normal
Chaffer**

Grain Loss
Monitor Showing
High Tailings









Calmer ¼ Wrap MOG Limiting Concave Insert

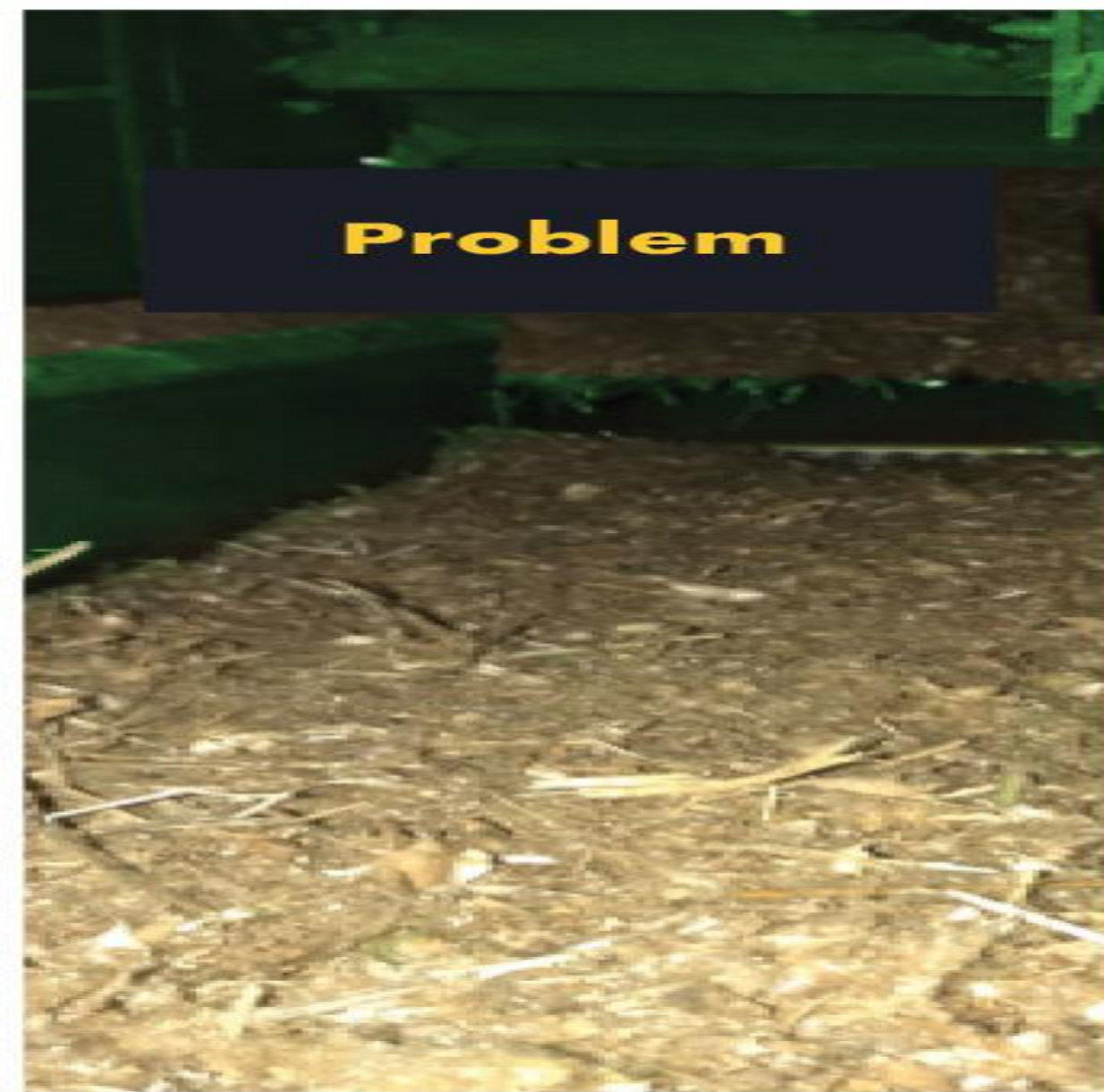


Problem

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



**Case IH Grain Loss Monitor
Showing High Tailings**

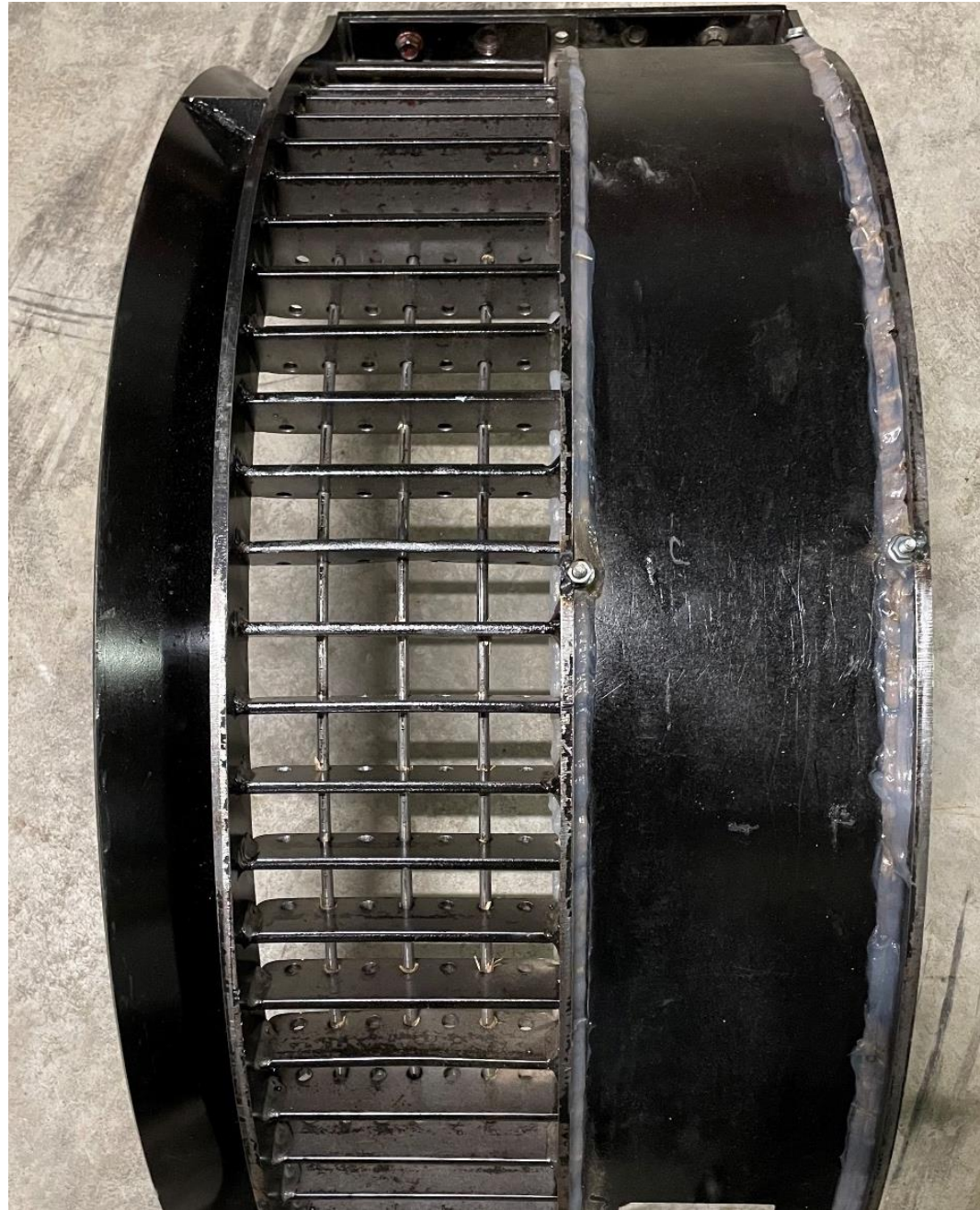
Pods Easily Drop
Through This
Concave Design





Problem

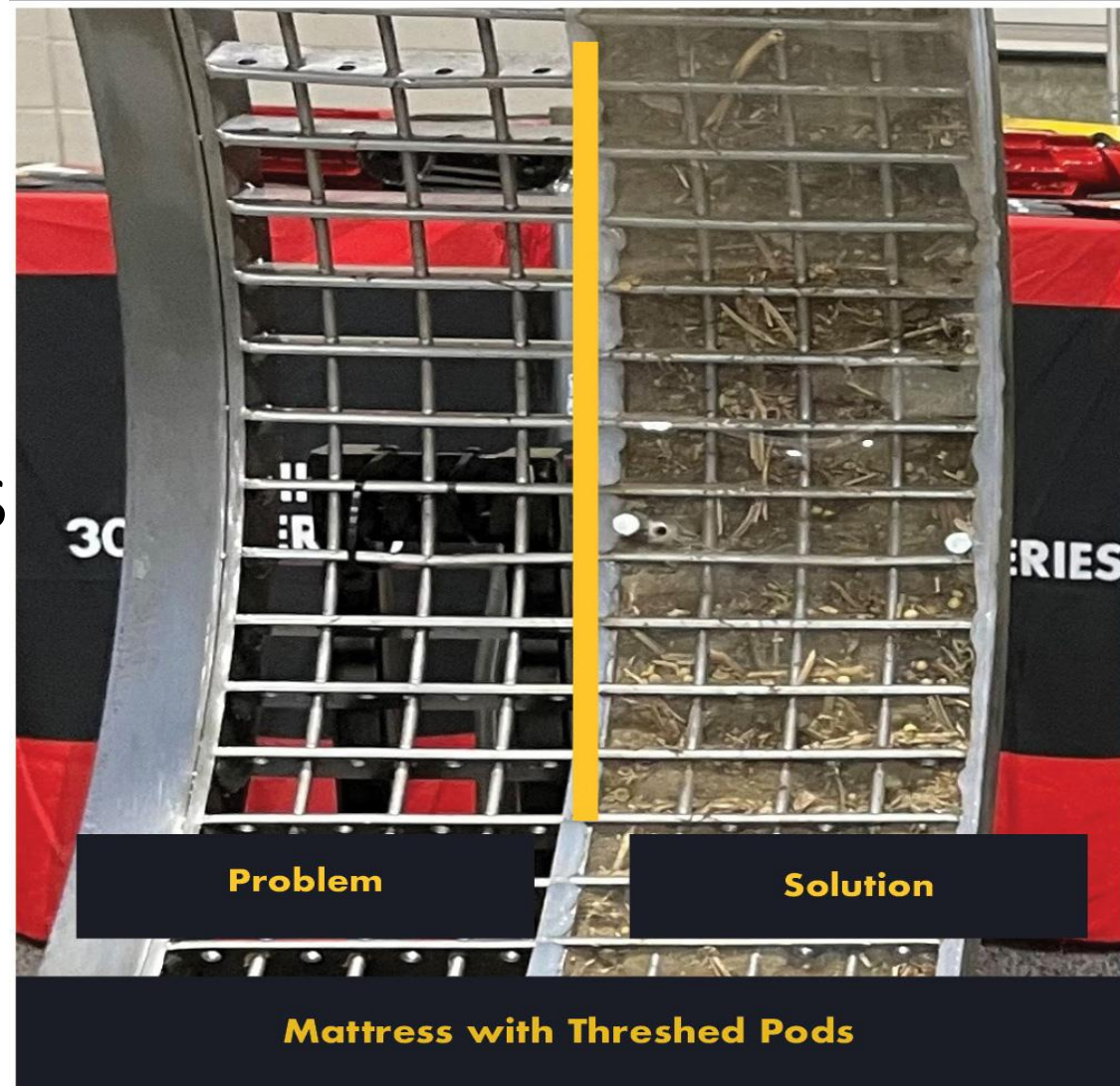
Unthreshed Pods
Fall Through



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



**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



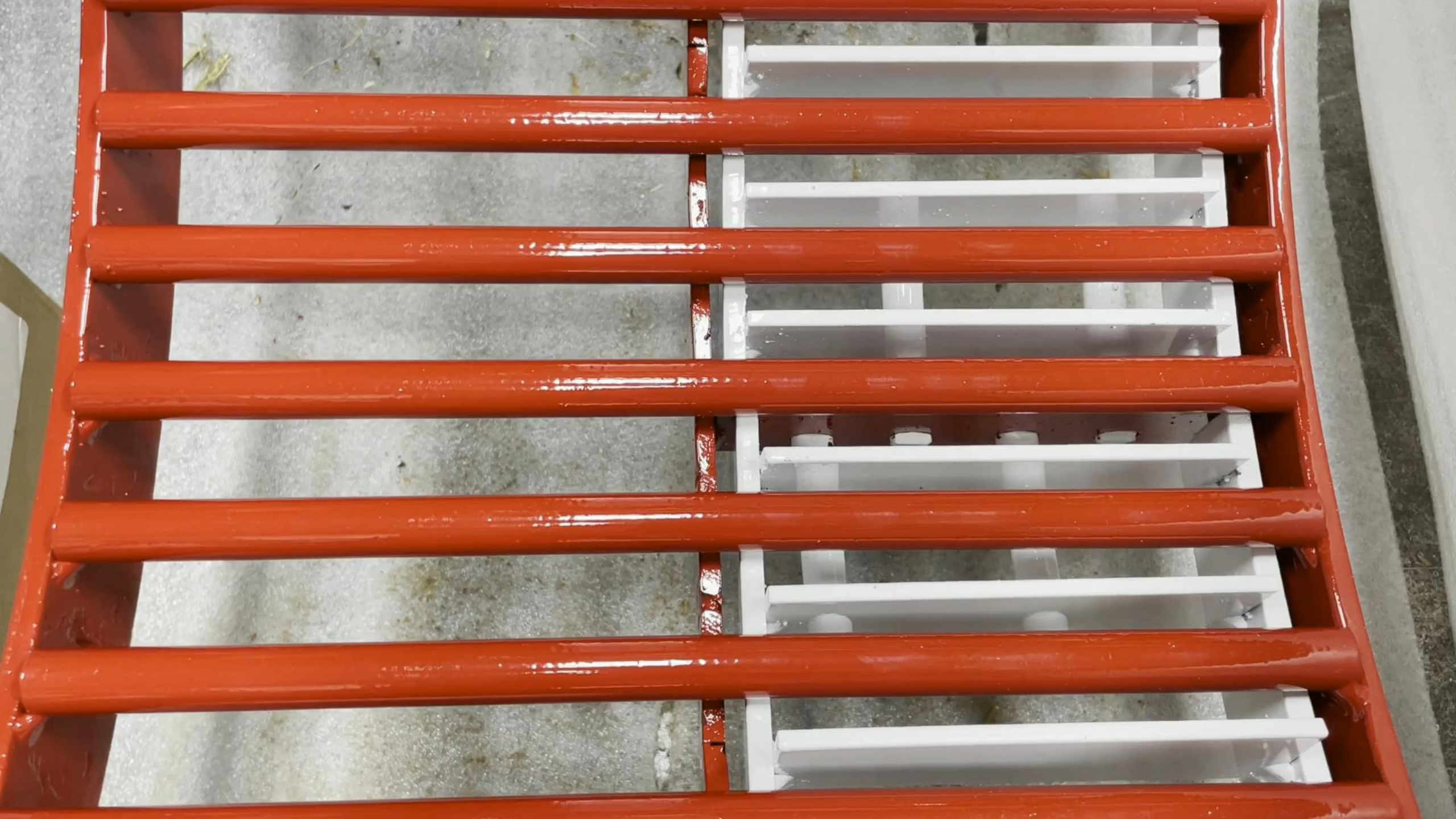
**Overloaded
Chaffer**

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



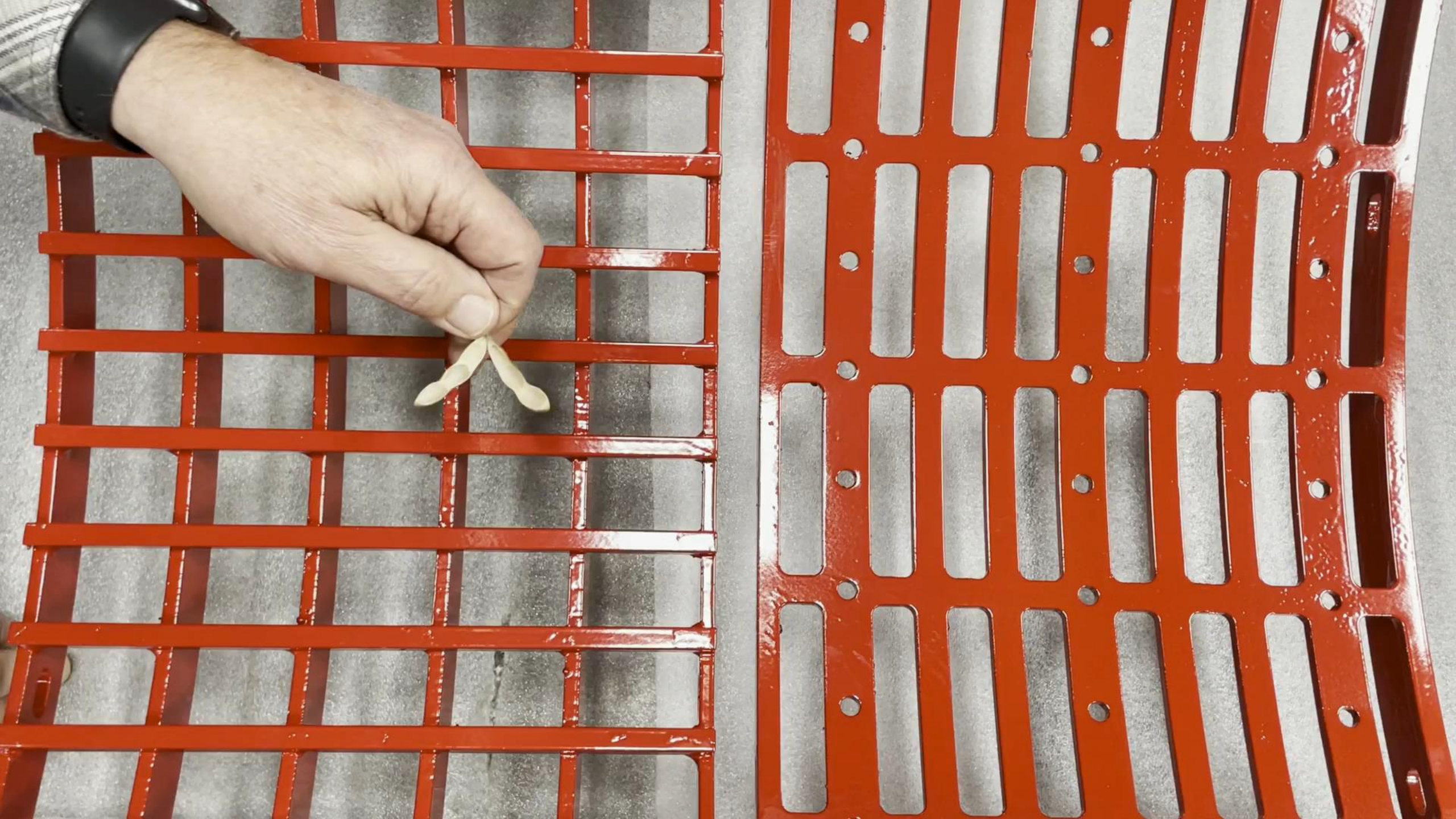
Case IH Grain Loss Monitor Showing High Tailings

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

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

Solutions

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



CASE IH



AXIAL-FLOW

OSTINE

AXIAL-FLOW
FIRE EXTINGUISHER
10 LB. NET WT.
100% PULVERIZED
SODIUM BICARBONATE





AXIAL-FLOW



Thank you from Marion Calmer!

309 368-1182 (Cell)

www.CalmerCornHeads.com