

# Minimizing Your Feed Costs **MAXIMIZING YOUR INVESTMENT**

 **KRONE**



# KNOW THE FACTS TO REDUCE FEED COSTS AND Maximize Your Investment.

## WHAT IS THE CORN SILAGE PROCESSING SCORE (CSPS)?

The CSPS is a measurement of how well the forage harvester processed the kernel to make the starch available to the cow.

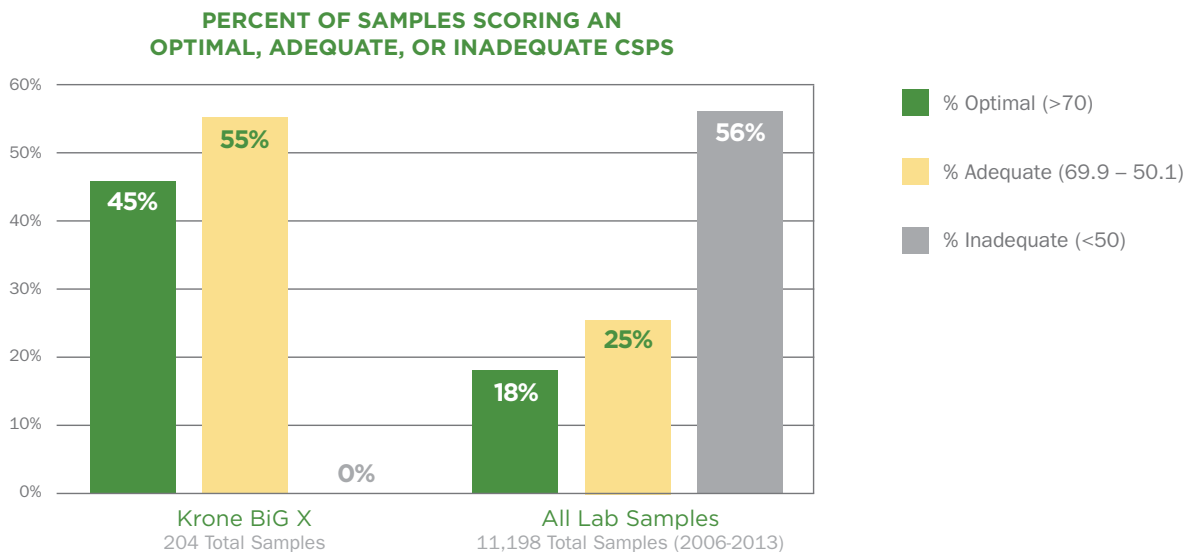
| CSPS        | PROCESSING QUALITY |
|-------------|--------------------|
| < 50        | Inadequate         |
| 50.1 - 69.9 | Adequate           |
| > 70        | Optimal            |

## WHY DOES THE CORN SILAGE PROCESSING SCORE MATTER?

The CSPS is a factor used to determine how much rolled corn must be added to a ration as replacement starch if it is not available to the cow from the silage. The result of a low CSPS can be decreased milk production and increased feed costs. With a high CSPS more starch is available from the corn silage so less rolled corn must be added to the ration.

## THE BIG X MAKES THE MOST AVAILABLE STARCH.

**Fact:** The BiG X forage harvester kernel processor slices the crop horizontally for maximum surface area exposure and explodes the kernels. This produces **properly processed** silage with a high CSPS. No additional investment to the forage harvester is necessary to achieve these results.



# Consistent Cuts. Big Savings.

## IMPROVING THE CSPS REDUCES FEED COSTS.

**Fact:** Silage that is Properly Cut + Processed + Packed = Value

|   | CSPS | AVAILABLE ROLLED CORN EQUIVALENT FROM SILAGE | COST OF ROLLED CORN REPLACEMENT (\$/HEAD/DAY) |
|---|------|--|---|
| <b>National Average (11,000 Samples)</b>                | 57.7 | 2.61 lbs                                     | \$0.27  |
| <b>Optimal Processing</b>                               | 70   | 3.60 lbs                                     | \$0.10  |
| <b>Savings From Increasing The CSPS From 57.7 To 70</b> |      | <b>Save 0.99 lbs Each Day</b>                | <b>Save \$0.17 Per Head Each Day</b>          |



**Fact:** By increasing the CSPS to 70 (optimal) when compared to the national average, save \$0.17/head/day.

## A CONSISTENT CUT LEADS TO BETTER DIGESTION AND LESS SORTING.

**Fact:** The BiG X forage harvester produces properly cut silage that is sliced and torn with consistent lengths that are adjustable from 5 mm to 29 mm.



Samples shown were taken from a BiG X 750C.

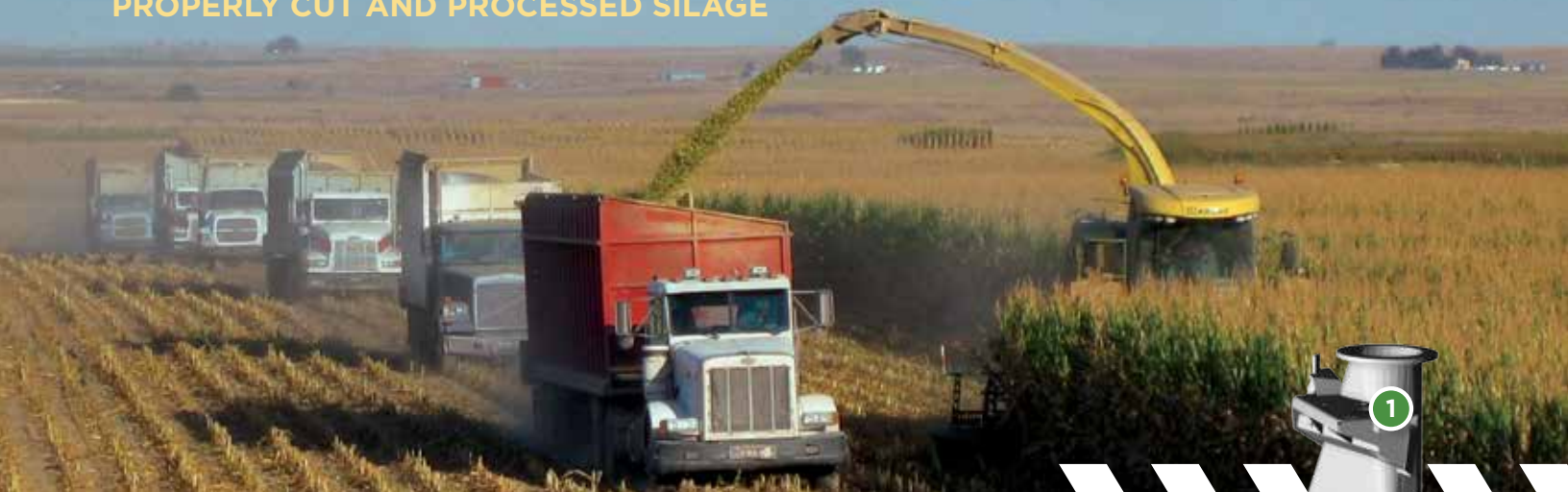


## CUT LENGTHS OF 5 - 29 MM ALLOW SILAGE TO PACK EASILY WITHOUT AIR POCKETS.

**Fact:** Conventionally chopped silage has proven packability.

# BiG X Forage Harvester

PROPERLY CUT AND PROCESSED SILAGE



## ARE YOU CURRENTLY MAXIMIZING YOUR FORAGE HARVESTER INVESTMENT AND CSPS TO HELP DECREASE FEED COSTS?

The investment in a BiG X forage harvester produces properly cut and processed silage with the stock kernel processor. No additional kits or investment is necessary. A high CSPS can be easily achieved with a properly set up BiG X right off the lot. Contact your local Krone® dealer for more information on how the BiG X can benefit your operation.

### A Consistent Cut Starts With The Head

The EasyCollect corn head features a collector that cuts the corn and transfers it to the center of the head where it enters the intake. The crop is fed into the intake in the same direction, bottom end first, for a consistent and proper cut.



- 1 The BiG X comes standard with X-Treme Wear Liners for a long lifespan.
- 2 The standard Kernel Processor is a hard chrome, 123 tooth sawtooth roll with a standard differential of 30% and a six groove drive pulley on the BiG X 700 and a seven groove drive pulley on the BiG X 850 and 1100.
- 3 Six Feed Rollers compress the crop into an even mat with the crop positioned in the same direction before it enters the cutting drum.
- 4 The Cutting Drum is fully enclosed and the knives are at an 11° angle for a clean cut. The width of the cutting drum matches the width of the feed rollers.



Krone NA, Inc. | P.O. Box 18880 | Memphis, TN 38181

Phone: (901) 842-6011 | Email: [info@krone-na.com](mailto:info@krone-na.com)

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