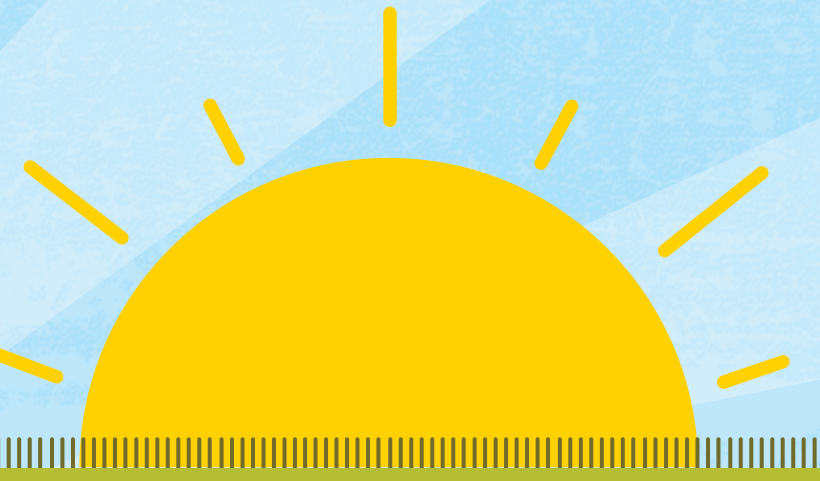
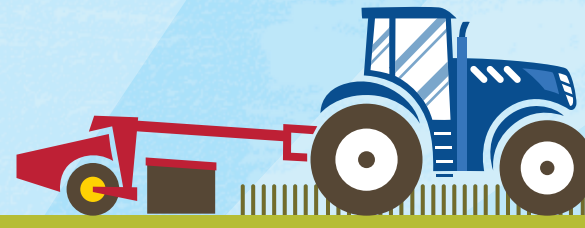
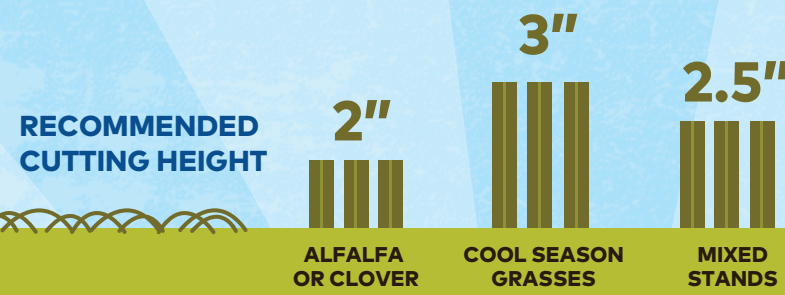


# THE ROAD TO BUILDING A BETTER BALE

**IT'S SHORTER THAN YOU MIGHT THINK.**

Simply follow these haymaking solutions to producing high-quality, high-density bales—for better forage quality, higher nutritive value and higher-producing beef and dairy cattle.



## 1 START WITH A FAST, CLEAN CUT

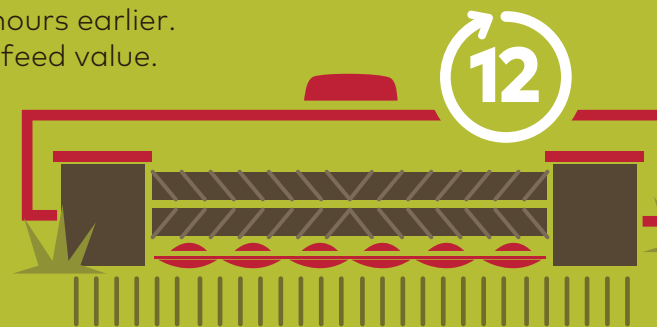


**A WIDE CONDITIONER RESULTS IN A FAST, CLEAN CUT AND FASTER DRYDOWN.**  
Don't forget, one ton of crop includes 1,600 lbs of water and only 400 lbs of crop!

**WIDER IS BETTER**

**CONDITIONERS THAT ARE AT LEAST 80% OF CUT WIDTH PRODUCE A WIDER SWATH, SO YOU CAN:**

- Harvest 10-12 hours earlier.
- Retain greater feed value.



**HAY, HERE'S A TIP!**

Use a hay tedder to increase drying rate by 15-30%.  
Choose the right rake and leave no hay behind.

## 2 THIS WAY TO DENSER, BETTER BALES

Fewer bales to haul  
**SAVES 378 HOURS (AND \$5,671) in labor.<sup>3</sup>**



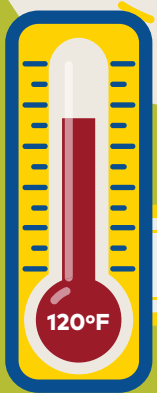
**\$12,600 SAVINGS** Lower freight costs per bale provide a logistical advantage.<sup>4</sup>



**SAVE \$30,000 PER YEAR** IN DRY HAY STORAGE LOSSES WITH FEWER, DENSER BALES.<sup>1</sup>  
Fit more of your crop under roof where it's protected.



## 3 TAKE THE BALEAGE ROUTE



**IMMEDIATE WRAPPING**

helps keep internal bale temperature below 120° F to ensure maximum available protein, eliminate oxygen and quickly kick off the anaerobic fermentation process.<sup>5</sup>

**SAVE \$16,600 per year!**

Net and film wrap savings of \$1/bale on dry hay and \$3/bale on silage—saving \$16,600/year.<sup>6</sup>



**+25 HOURS!**

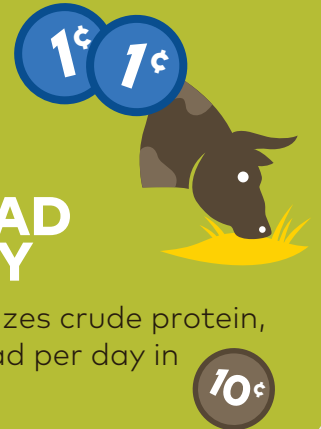
See up to 29% less waste and 25 hours or more of feeding time before spoiling.<sup>2</sup>

**pH**

Denser bales convert higher volumes of sugars to acids to ensure a lower pH for improved forage stabilization.

**47¢ PER HEAD PER DAY**

Immediate wrapping maximizes crude protein, saving up to 47 cents per head per day in supplemental feed.<sup>5</sup>



## 4 DRIVING HOME THE BENEFITS



It's what you could save in feed costs every year due to longer feeding time.<sup>8</sup>



**SAVE \$44.85**

Increased whole-bale bunk life allows for a \$44.85 feeding waste per bale advantage.<sup>7</sup>

If I only save 2% of my 6,500 silage bales per year, I could save over \$12K on feed waste alone. But if I add wrapping and freight savings, I could afford a new baler every year!

## 5 LAST STOP, BETTER MILK AND BEEF PRODUCTION

**And a delicious, nutritious ending!**

See how better baling can improve your operation. Visit [betterbaling.com](http://betterbaling.com) to download the Penn State Bale Density study and the Better Baling brochure.



**\$16,600** on net & film wrap<sup>6</sup>

**\$12,371** on feed due to increased feeding time<sup>8</sup>

**\$30,000** in dry-hay storage<sup>1</sup>

**\$12,600** on labor and delivery<sup>4</sup>



1. 5x6 round bales with a 39% density difference, 4,000 dense bale yield vs. 6,500 less-dense bale yield, barn stores 4,000 bales, 2,500 bales stored outside @ 120lbs./bale storage losses and a crop value of \$200/ton.  
2. Penn State Bale Density Study.  
3. 5x6 round bales based on 39% fewer bales, 133 loads of dense bales vs. 217 loads of less-dense bales, 4.5 hours/load @ \$15/hour.  
4. 5x6 round bales with a 39% density difference, 4,000 dense bale yield vs. 6,500 less-dense bale yield, 30 bales per semi load, 75 mile one way delivery distance, freight charges \$2.00/loaded mile.  
5. University of Wisconsin Undersander et al study.  
6. 5x6 round bales with a 39% density difference, 4,000 dense bale yield vs. 6,500 less-dense bale yield, 56.5 ft. net per bale, 9 wraps/bale @ \$0.029/ft., film wrap @ \$0.053/ft. and 16 bales wrapped per film roll.  
7. 5x6 bales, assumes 29% waste on 6,500 bales, 1,464 lbs./each @ \$130/ton.  
8. 5x6 round bales, 2% waste on 6,500 bales, 95 tons of crop wasted @ \$130/ton.