

Today's Corn Market Requires Serious Storage

Storing High Moisture Corn in a Harvestore System Delivers Cost Savings at Harvest, Better Feed Value and Higher Production than Dry Corn

With corn prices at all-time highs, reducing labor and production costs are critical to your bottom line.

Harvest Early, Minimize Field Losses

Harvesting high-moisture grain allows you to focus on yield, not weather. Harvesting at 28 percent moisture instead of waiting for corn to dry down saves on drying costs and reduces field losses due to stalk lodging, dropped ears, actual invisible dry matter losses and combine mechanical losses. In Purdue trials, field drying of mature corn resulted in dry weight losses of about 1 percent per point decrease in moisture.

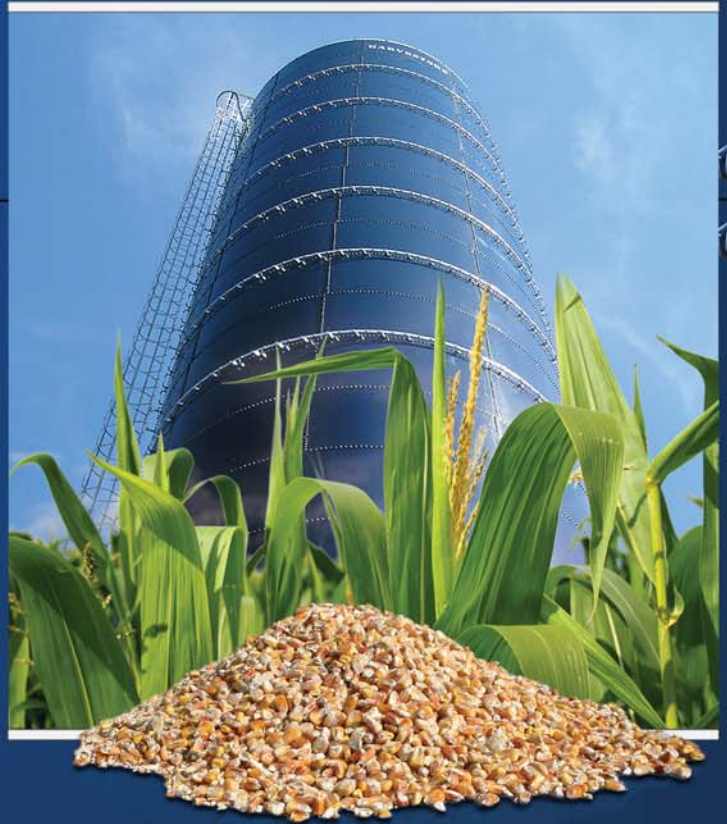
Reduce Drying Costs

Drying consumes gas, manpower and machinery that hurt your bottom line. Generally, each percentage point of moisture you dry from your corn costs you 3 cents per bushel. And, with fuel costs rising with no end in sight, that figure is rising now and is likely to rise every year.

Example: Harvesting 20,000 bushels of corn at 25.5 percent moisture and drying it to 15.5 percent costs as much as \$6,000.00.

Reduce Storage Losses

Harvestore Systems store your grain in an oxygen-limiting structure, making it impenetrable to rats, mice, insects and dangerous microbial agents.



High moisture corn is defined as whole kernel corn with a moisture content of 22 to 28 percent, which has undergone controlled natural fermentation in a storage structure for at least 21 days.

Whole Kernel vs. Ground Ensiled High Moisture Corn

All the advantages may not be available when using high moisture corn that has been ground prior to ensiling in concrete silos or a bunker type silo. Feeding efficiency is lower on pre-processed than whole kernel high moisture corn as breaking the germ changes the enzyme process. Storage losses on well-managed large bunkers can range 5 to 15 percent more than grain stored in a Harvestore structure.

Store Other High Moisture Grains, Too

Harvestore systems are also perfect for storing high moisture barley. Barley can be combined at 28 percent moisture 5 to 10 days earlier than dry barley, which greatly reduces field losses. High moisture barley is very palatable and improves livestock feeding efficiency.



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**Starch is the key source of energy for cows,
and high moisture corn delivers a very
palatable and digestible starch.**

Higher Palatability, More Net Energy Value than Dry Corn

Cows love the appealing odor and taste of high moisture corn stored in a Harvestore – more palatability means cows are more likely to stay on feed and get the energy they need for maximum health and production. Higher Net Energy for Lactation (NE_L) per pound also helps ensure that cows fed high moisture corn from a Harvestore have the nutritional resources they need with less feed consumed. Generally, high moisture corn has an NE_L around 1.04 megacalories per pound versus 0.90 for dry corn (USDA Nutrient and Conservation Lab, Beltsville, MD). Less energy is lost to manure and more is retained for milk and meat production.

Enhance Milk and Meat Production

High moisture corn is not only more palatable and desirable for your cows, it's 16 percent more energy efficient for their lactation. By reducing the amount of energy lost in rumenal and post-rumenal digestion, your cows' metabolisms can support more milk production.

High moisture feed ensiled in Harvestore Systems is more nurturing, increasing protein synthesis and storage in the digestive tract.

Studies show the greater digestibility and starch content of high moisture corn can lead up to a 4 pound-per-day increase in milk yields (USDA Nutrient and Conservation Lab, Beltsville, MD).

Ease the Stresses of Feeding

Harvestore grain unloaders enable you to feed your cattle with the push of a button—no energy-consuming tractors to start, and no grinder-mixers to hook up.

To feed your cattle, simply open the unloader door. Harvestore feeding setups automate the rolling and blending process for you.

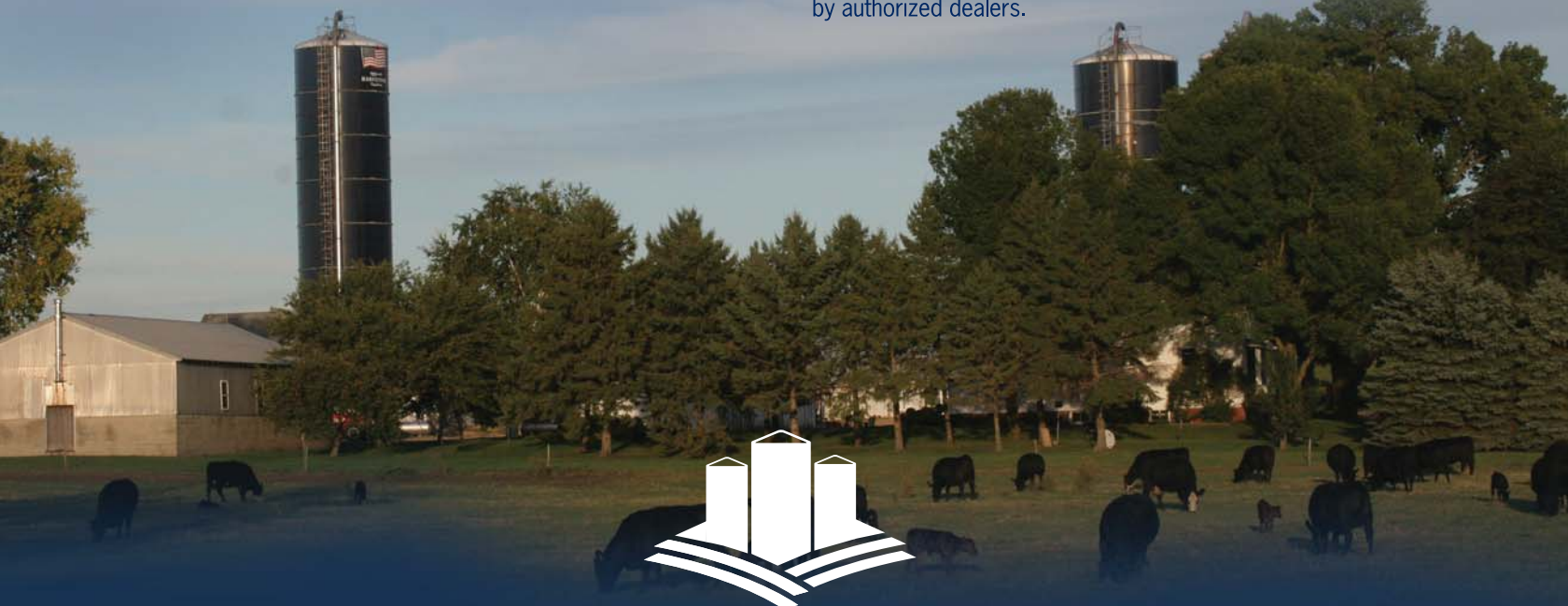
**Harvestore Unloaders Make High
Moisture Corn Storage Easy and Fast**

Harvestore bottom unloaders for grain such as the new 8900H are built with superior engineering for operating efficiency, dependability, low maintenance and versatility.

Expanding operations will find terrific lifetime value by purchasing a new Harvestore and unloader for high moisture corn. They are built to last and can be expanded as your herd grows.

**Your Harvestore Dealer Has Years of
High Moisture Corn Experience**

Authorized Harvestore dealers have served thousands of satisfied customers, from helping plan and build the system to providing superior service after it is in operation. For more information regarding Harvestore Systems and how they can improve your operation, **please visit www.harvestore.com or call 815-756-1551 for more details.** **Financing Available for New Harvestore Systems.** Low interest turnkey financing from the Farm Service Agency (FSA) is available for Harvestore structures erected by authorized dealers.



**ENGINEERED STORAGE
PRODUCTS COMPANY**

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