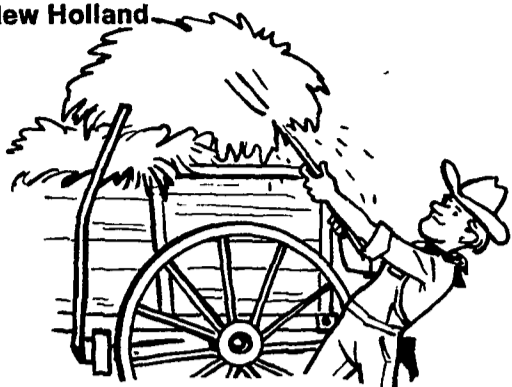


# Farming Fact & Fiction

A lighter look at farming by Sperry New Holland



## Modern Machines and Old Meanings

Modern mechanization has played a basic role in bringing farming to its present level of unequalled efficiency. How else could each farmer produce enough food for 56 people?

But while the adoption of such mechanization has been vital to agricultural progress, according to Sperry New Holland, the world's largest manufacturer of specialized farm equipment, there are some instances where it can't be substituted for the old ways.

Working the soil around young emerging plants once was done with a crude wood harrow pulled by animals. It took a lot of strength, skill, determination and, some might say, good fortune to perform the task. Now, more sophisticated machinery does the same thing. But when a person comes through a "harrowing experience," a picture of the old way is much more descriptive.

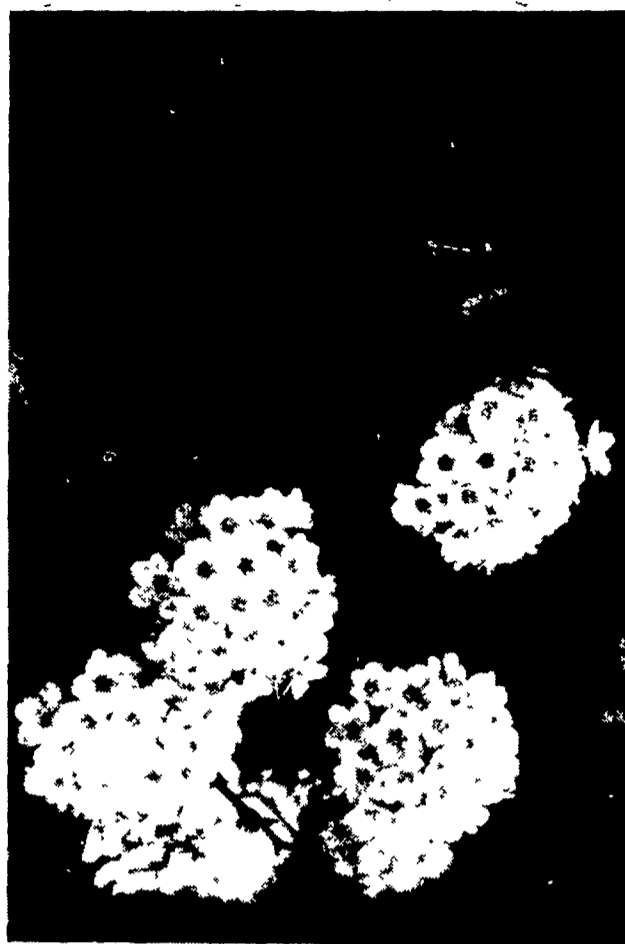
The plow has been a basic

tool in farming since the first sharp stick was used. Men like Thomas Jefferson helped develop it. Turning the earth in the spring for a new season of growth launches the annual rebirth of a farmer's land. But plowless planting is gaining acceptance. It's called no-till planting. But can you imagine the president of a company telling his stockholders he plans to "no-till" (rather than "plow") part of the profits back into the business?

To separate the grain from the chaff, early farmers literally beat the crop—"threshing or thrashing it." Now, a modern combine does the job on the go through a field. But if someone is to be warned, the threat of "combining" (instead of thrashing) him within an inch of his life would have little impact.

Friends and neighbors used to gather to bring hay in from the field by "pitching" it into a wagon. Today, self-propelled machines, automatic bale wagons, whisk through fields picking up hay bales in a fraction of time and effort. But a person needing help, wouldn't say something like: How about "automatic bale wagging" (in place of "pitching") in and giving me a hand.

Each Yuletide, one of the traditional songs depicts certain activities during "The Twelve Days of Christmas." The holidays would lose something if we sang "Ten Machines A-Milking" instead of the traditional "Ten Maids A-Milking."



Spring blossoms forth.

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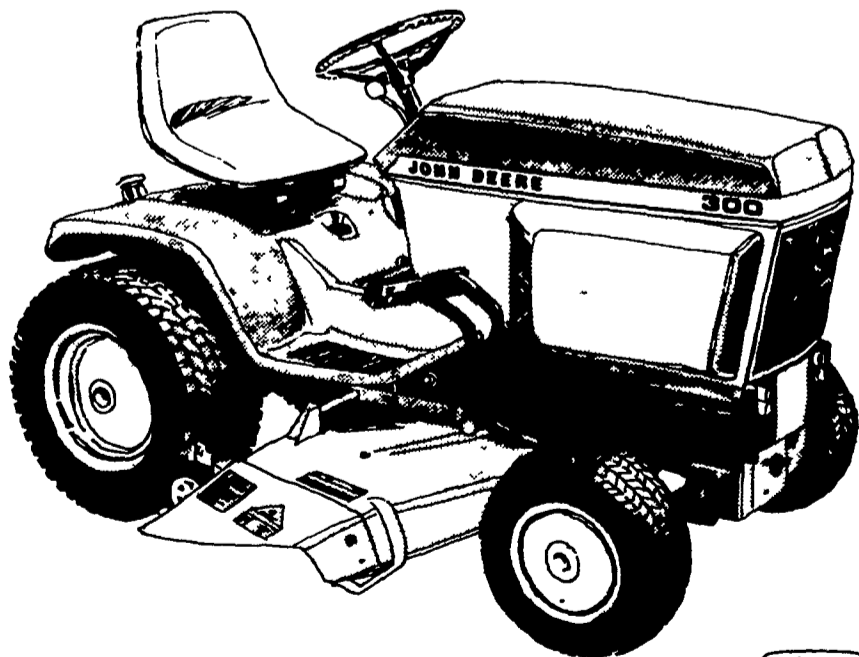
**The 8-hp 100 Tractor** comes with a 34-inch mower and 3-speed transmission. Attachments include a front blade and snow thrower.

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**Handling Grain on the Farm**  
Bruce A. McKenzie, Extension agricultural engineer, Purdue University, discussed the economic and safety considerations in grain drying, storage, and handling on the farm.

He emphasized the following:

Drying time of grain and storing high moisture corn - should be able to store 13 percent moisture corn without problems. Farmers must be sharp to store grain at 18 percent moisture but 13 to 15 percent is suitable. Be careful you buy the grain dryer that will do the job quickly but efficiently. Must have the temperature at the top of the bin to dry the grain at the top of the bin.

Farmers generally are too conservative when it comes to using exhaust fans in drying grain in bins. Must get moisture out of bin or you permit molding to occur. Top layers of grain will not dry if moisture is held in the bin.

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**IM-PRUV-ALL** silage compounds are not harmful chemicals which destroy fermenting bacteria. **IM-PRUV-ALL** compounds feed and help promote bacteria. By aiding the right strand of bacteria, your silage ferments in three days instead of the normal three weeks. You will also have a higher level of the right kind of acid protecting the feed from molding and heating in the feeder after it comes from the silo. This means more energy, digestible protein, vitamins and palatability. You will also have over 10% more silage. Im-pruv-all's fast ferment cuts down on shrinkage. Make more money by having more protein in your grass silage and buying less protein supplements.

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