



(Continued from Page 30)

agronomic performance.

In another trial conducted with a brown midrib (BMR) hybrid and a normal hybrid, they formulated rations to be low forage with the normal hybrid and high forage with the BMR hybrid. In this trial, the BMR diet produced similar dry matter intakes even though the BMR diet had 13 percent higher forage. The high forage BMR diet produced less milk, however, compared to the low forage control diet. In other trials at Michigan State, BMR silages produced 5 to 7 pounds more milk per day when fed in similar diets. The Wisconsin researchers concluded that

leafy hybrid. The higher starch digestibility was presumably due to the softer kernel texture of the leafy hybrid. They found no milk production difference among hybrids or population treatments. Silages varied in these trials by 2 units in NDF and 2.8 units in digestibility, yet no milk response was noted. These results are similar to another trial recently conducted at the University of Minnesota. Based on these results, the authors suggested that with regard to leafy hybrids and normal hybrids, hybrid selection could be based on yield per acre and

GRANTVILLE (Dauphin Co.) — Agriculture Secretary Samuel E. Hayes Jr. recently welcomed guests to "Ethanol for a Cleaner, More Prosperous Pennsylvania," a workshop at the Holiday Inn Harrisburg-Hershey.

The Department of Agriculture, along with the Pennsylvania Department of Environmental Protection (DEP) and the U.S. Department of Energy (DOE) Office of Fuels Development, sponsored the one-day workshop.

"High fuel costs and increased dependency on imported oil have sparked

"more research with various types of diets is needed to optimize the utilization of BMR corn silage in dairy cattle diets."

For a more detailed report on these studies, visit the original report on the Internet at <http://www.wisc.edu/dysci/uwex/nutritn/pubs/CornSilage98Summary.html>.

renewed interest in the production of clean-burning alternative fuels for Pennsylvania and its citizens, businesses, and industry," Hayes said. "Ethanol is extremely important as an agribusiness product. This workshop offers Pennsylvania agribusiness a look at the 21st century answer to today's need for developing cleaner, environmentally friendly fuels."

The ethanol workshop, funded by a Pennsylvania Biomass Energy Grant awarded by the Northeast Governors Association, addresses the manufacture of traditional grain ethanol and new forms of biomass ethanol production.

Biomass ethanol is produced from the fermentation of varied cellulose sources. Typically, plant residues from harvested crops, such as corncobs and stalks, cereal straw, or seed hulls are the most common source. Wood

and other herbaceous plants can be processed into ethanol as well.

"With today's interest in renewable energy sources, and the increased national concern about energy independence, ethanol production offers commonwealth producers great opportunity," Hayes said. "With Pennsylvania's abundant resources, producers have more opportunity than ever before to develop the commonwealth's ethanol industry."

"This is important to the future of our nation's transportation fuel supply because ethanol production will be possible in nearly every region of the country using low-cost resources such as agricultural residues and wood wastes."

The United States uses more than 1.7 billion gallons of ethanol today, which is blended up to 10 percent with gasoline.

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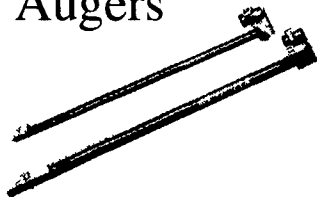
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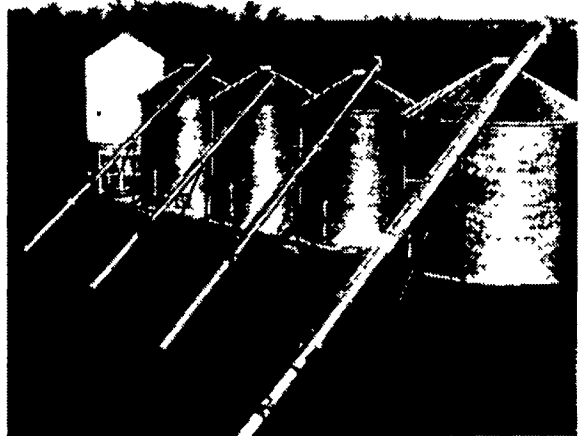
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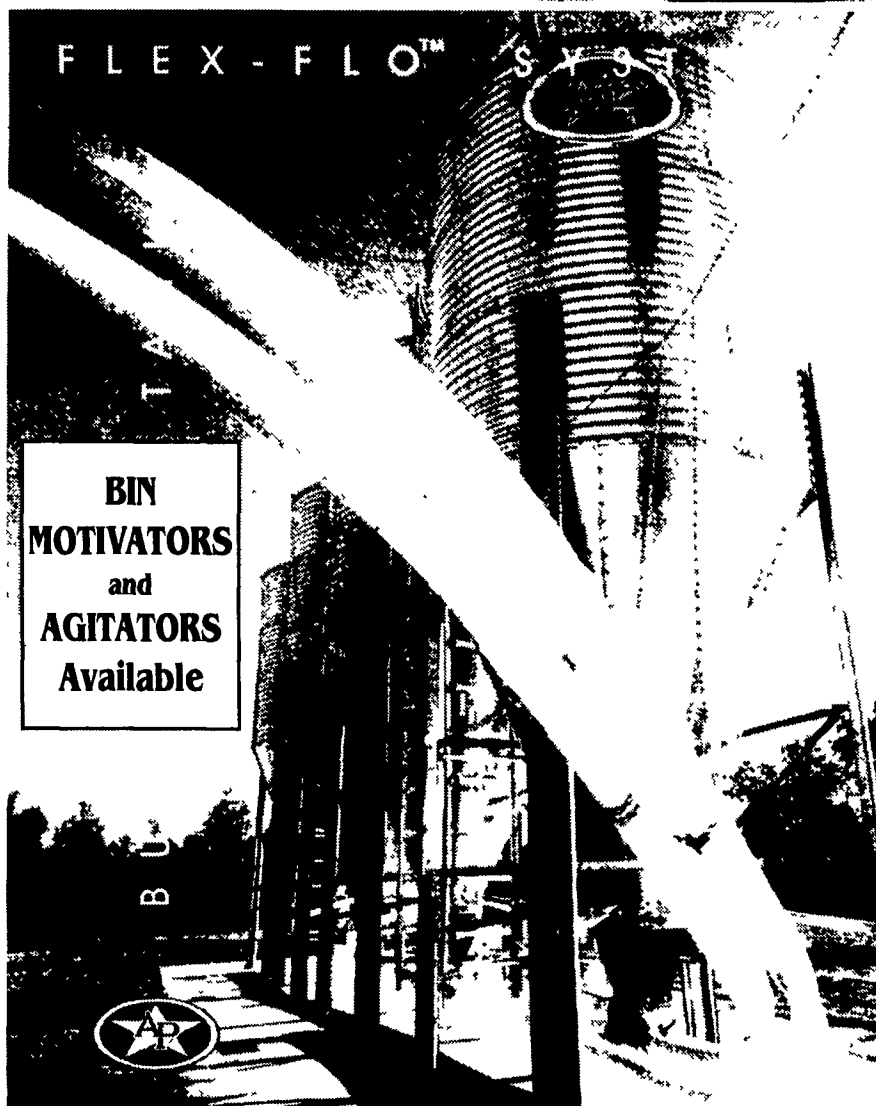
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