

Pork Prose

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ments show that performance is not affected when millet is used to replace all the corn and 50 pounds of the soybean meal in a 1-ton diet. Approximate value of pearl millet: \$.038/pound.

Drought Stricken Corn contains a little more protein than corn but it

should be substituted pound for pound for normal corn. Studies at the University of Kentucky compared corn from an area that yielded 125 bu/acre with two drought stressed varieties -- with yields of 12 and 19 bu respectively. Growth rate and feed.

Efficiency were improved 4 to 6 percent on the drought stricken varieties. Approximate value of drought stricken corn: \$.037/pound.

Sprouted and Frost Damaged Barley seems to support normal levels of performance. Most grains that have sprouted have lower energy values. But at the University of Alberta, 2 sprouted and 3 frost damaged varieties of barley had no effect on performance when compared to an undamaged hybrid. Approximate value of sprouted or frost damaged barley: similar to undamaged barley.

Drawbacks to Sprouted Barley:

Sprouted barley may also contain high levels of molds and mycotoxins, depending on conditions. Avoid feeding it to the breeding herd.

Corn Gluten Feed, a by-product of the corn processing industry, contains 21% protein, 8.5% crude fiber, and .60% lysine. It seems to be gaining popularity in the mid-west, but it's not used much yet in the northeast. Studies with corn

gluten feed haven't been consistent. Some studies show that up to 400 pounds of corn gluten feed can be used without affecting performance, while others show that

As little as 200 pounds can significantly reduce growth rate and feed conversion. When using corn gluten feed, substitute up to 200 pounds for 175 pounds of corn 25 pounds of soybean meal. Approximate value of corn gluten feed: \$.04/pound.

Summary

Some of the unusual feed grains can be a bargain at the right price. Before you jump, put the pencil to it, then get a second opinion. Be cautious of molds if you're buying from someone else. And if your present feed formulas contain protein supplement, don't reduce the amount of supplement. Make pound for pound substitutions with corn.

Corn Yield Contest Planned

The Northumberland County Conservation District is sponsoring its third annual yield contest for corn planted by the no-till method, according to Robert F. Pardoe, Jr., chairman of the conservation district.

The unique format of the contest gives farmers with relatively poor soils the opportunity to compete against farmers with more productive farmland.

There will be two separate categories for judging. The winner of the Highest Yield Category will be the farmer with the highest no-till corn yield regardless of soil type. The winner of the Soil Type Category will be the farmer that has achieved the highest yield in comparison with the "estimated yield" for his soil type as found in the soil survey publication for Northumberland County.

First place winners in each category will receive a \$100 US Savings Bond and a plaque. Second place winners will receive plaques.

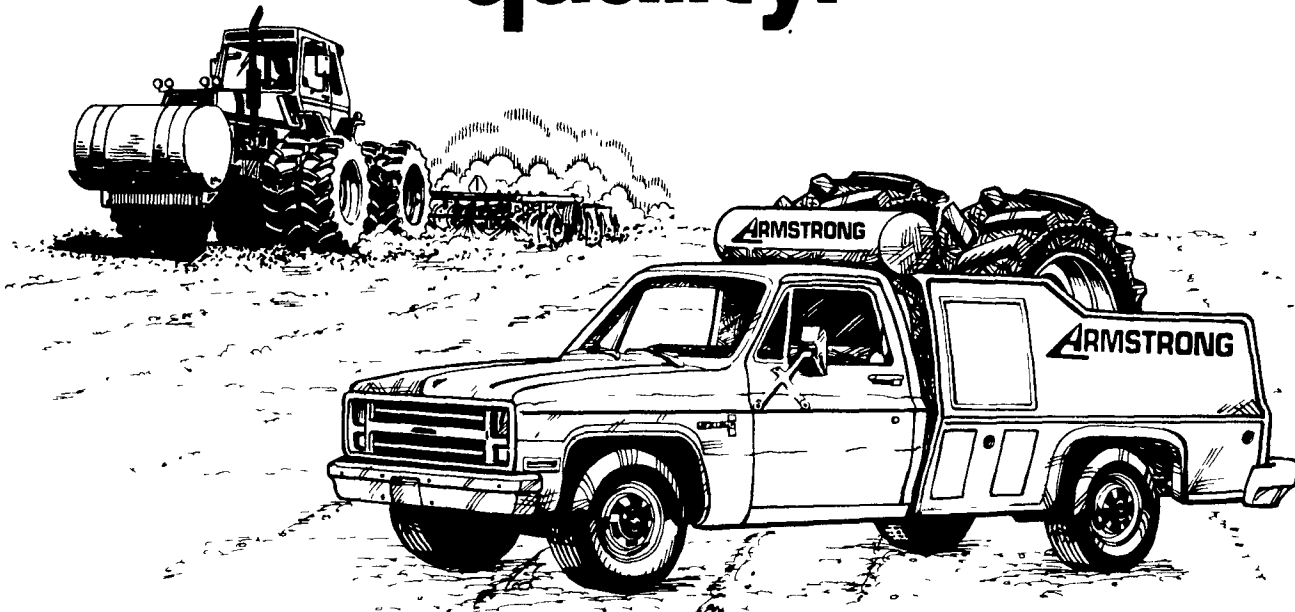
The contest is open only to no-till corn. Fields submitted must be at least five acres in size and be located in Northumberland County. Only one field per farmer may be submitted in the contest.

Yield checks will be made in October by the staff of the Northumberland County Conservation District. Yields will be estimated by hand-harvesting several small sample plots and weighing the corn that was picked. Fields entered in the National Corn Growers Contest may also be entered in the Northumberland County contest.

The deadline for entering the contest is September 15. To enter the contest, contact the Northumberland County Conservation District at 988-4224.

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