



Check for \$2,000 is presented by John R. Zimmerman, chairman of community services, center, and Clark Stauffer, retiring president of the Ephrata Area Young Farmers Association to the Rev. D. Paul Greene, of the Ephrata Area Social Services.

Ephrata YF aids community

EPHRATA — A \$2,000 check has been presented by the Ephrata Area Young Farmers to the Ephrata Area Social Services to be used to alleviate hunger and suffering.

The check was presented to the Rev. D. Paul Greene, Social Services board member, by Clark Stauffer, retiring Young Farmer president; and John R. Zimmerman, chairman of community service.

It is one of the largest contributions ever made to the Social Services.

The Social Services conducts a variety of relief projects in the Ephrata area, including the purchase of heating oil for needy aged and families with small children.

The funds are raised by the Ephrata Area Young Farmers Chapter at its food stand at the Ephrata Fair.

Consider financial benefits of feeding soybeans to cattle

NEWARK, Del. — University of Delaware Extension dairy specialist George Haenlein uses a formula that helps farmers decide whether to sell their soybeans or feed them to cattle (beef, veal or dairy).

Soybeans are as high in protein

as many commercial supplements, Haenlein says, and their oil content provides needed energy. However, raw soybeans contain enzymes that can cause digestive upset when eaten in quantity. A few pounds of beans in the ration won't cause any ill effects, Haenlein says, but if they are to be a major component (10 percent or more of the ration) they should be roasted to destroy the offending enzymes.

Several Pennsylvania companies roast soybeans for about 85 cents per hundred pounds. If a farmer used 20 percent roasted soybeans in a grain ration, the cost of the roasting would amount to only \$3.50 per final ton. Depending on the price of commercial feed supplements and the price the farmer could get by selling the beans, that could be \$3.50 well spent.

Sometimes, though, it may benefit a farmer to sell the soybeans and buy back soybean oilmeal or other commercial feeds. Since soybean oilmeal is what remains after the oil has been removed from the beans, it has a higher percentage of protein than whole beans, but provides less energy. The farmer would then have to use supplemental energy sources such as corn.

The formula Haenlein recommends considers both the energy and protein requirements of cattle. It is based on the average nutritional protein requirements of cattle. It is based on the average nutritional values of corn and soybeans. It allows growers to compare the value of their beans as part of a balanced ration with what they would make by selling the beans and buying feed.

First, multiply the present price the farmer could get for 100 pounds of corn by 0.352 in order to find the nutritional price of energy.

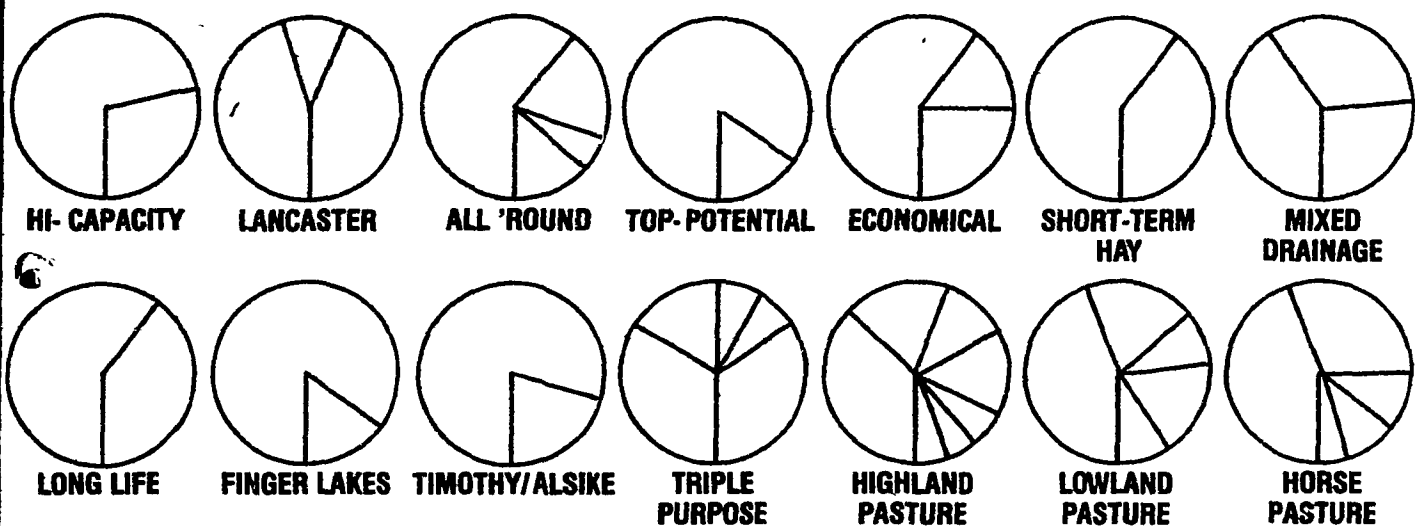
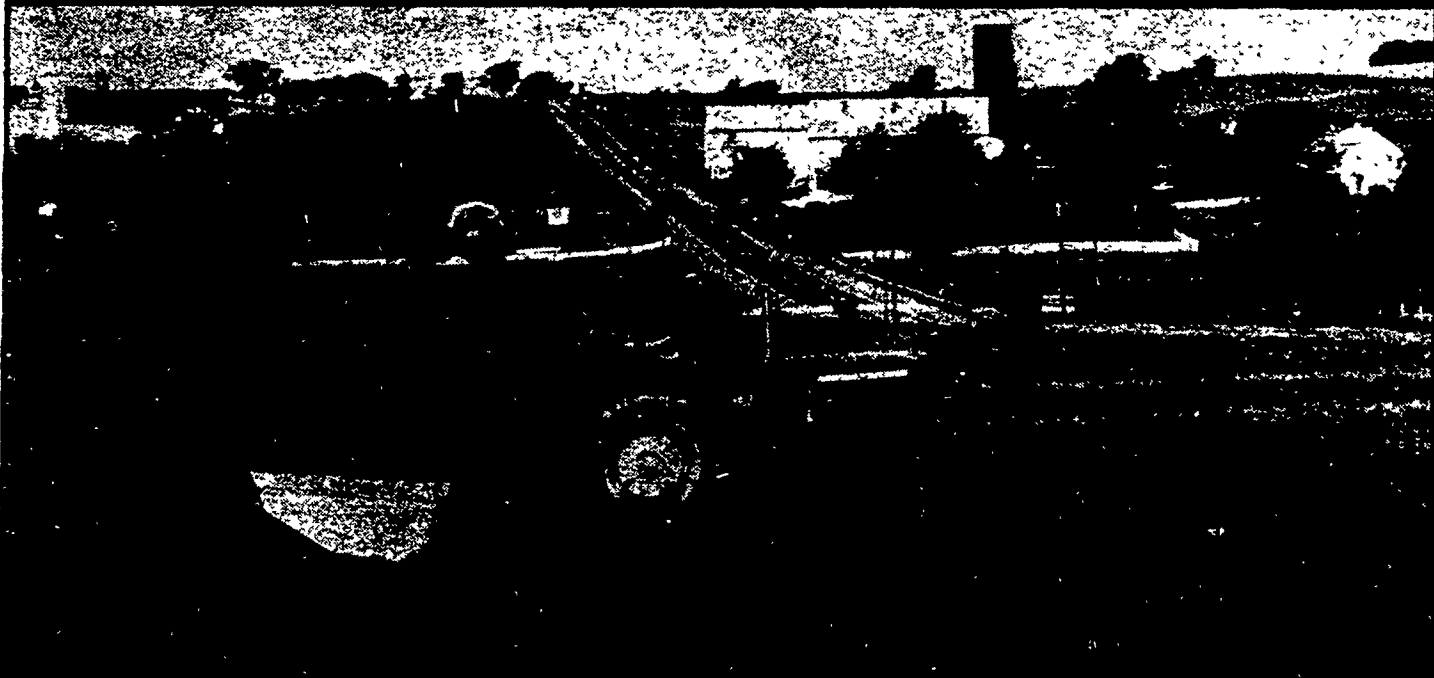
Next, multiply the price of 100 pounds of soybean oilmeal by 0.748 to find the nutritional price of protein.

Add the two results to determine the total value for raw soybeans as a source of nutrients.

then add 85 cents (the price of roasting) to determine the final value for roasted beans.

If this is greater than the price of a comparable alternative feed in the store, the farmer has a better opportunity to make money by selling his beans. When soybean prices are low, the farmer will usually be better off by feeding his beans to cattle.

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