140-Loncaster Farming, Saturday, September 12, 1981

"SAVING ENERGY ON THE FARM"

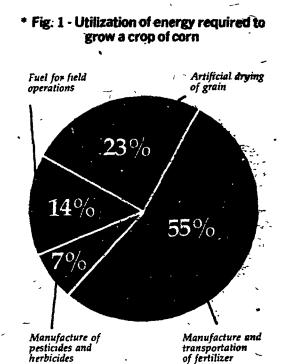
... ENERGY CONSERVATION IS VITAL TO OUR NATION'S ECONOMIC WELL-BEING.

THE USE OF HARVESTORE" OXYGEN-LIMITING GRAIN STORAGE ELIMINATES DRYING OF GRAIN INTENDED **TO BE FED TO LIVESTOCK!**

Research has consistently shown that livestock can utilize high-moisture grain more efficiently, helping hold down feed costs and ultimately providing the consumer with economical meat and milk.

LIQUID MANURE STORAGE SYSTEMS CAN ALLOW LIVESTOCK FARMERS TO REPLACE SIGNIFICANT

AMOUNTS OF ARTIFICIAL FERTILIZER! SLURRYSTORE above-ground, liquid manure storage systems, designed to conserve natural plant food elements that would be lost or wasted with conventional manure handling methods, can allow livestock farmers to replace significant amounts of artificial fertilizer.



- Percent loss of nutrient value ----70 80 100 Handling Method; 90 10 · 20 Storage losses Daily scrape and haul* Application losse: Manute pack (stacking)* Open lot Anaerobic pit** **Oxidation ditch**** Lagoon¶ Above-grade system* **Liquid application with injection or immediate cultivation. (Slurrystore) Application through sprinkler irrigation. ng. 2 - Mitrogen losses with various manure handling methods

IF COMPLETELY UTILIZED, THE WASTE FROM ONE 1,400 LB. DAIRY COW WOULD PROVIDE ALL OF THE NITROGEN AND TWO-THIRDS OF THE PHOSPHORUS AND POTASSIUM REQUIRED FOR ONE ACRE OF 150 BU. CORN.

ONE 400,000 GAL. SLURRYSTORE LIQUID MANURE STORAGE SYSTEM HAS THE POTENTIAL TO SAVE THE ENERGY EQUIVALENT OF 140.8 BUSHELS OF CRUDE OIL PER YEAR. SLURRYSTORE SYSTEMS COULD SAVE OUR NATION'S BALANCE OF PAYMENTS!

A "ONE-TWO PUNCH" TO THE ON-FARM ENERGY PROBLEM ... There's great potential for saving energy if more U.S. farmers were to recycle animal slurry manure to replace energy-intensive fertilizer and store their feed grain in oxygen-limiting HAR-VESTORE structures instead of drying it.

There are solutions to the high energy costs and uncertain supplies that have plagued U.S. far-

mers...and these answers are here today! HARVESTORE SYSTEMS & SLURRYSTORE SYSTEMS ARE ENGINEERED TO PROVIDE LABOR CONVENIENCE, ECONOMIC RETURN, AS WELL AS SAVING ENERGY. \sim WE AT PENN-JERSY HARVESTORE BELIEVE THAT YOU WILL **TE SUMMER** BE AMAZED WHEN YOU SEE THE DIFFERENCE THAT THESE **DISCOUNTS AVAILABLE FOR** SYSTEMS MAKE IN THE LIFE OF OUR FARM CUSTOMERS. LIMITED TIME! ROBION SEE FOR YOURSELF ON A PENN-JERSEY THE YEAR TO TOUR FARM TOUR (No obligation). \bigcirc 0 Write today for your "free" copy of F * "Saving Energy on America's Farms and Ranches.' **PENN-JERSEY HARVESTORE** Name _ Address SYSTEMS, INC. P.O. Box 7, New Holland, PA 17557 State. Zip. PH: 717-354-4051 MAIL TO: Penn-Jersey HARVESTORE Systems, Inc. P.O. Box 7 New Holland, PA 17557 9/12