

IH engineer tells Young Farmers of tillage alternatives

LANCASTER — Eldon A. Harden, product engineer for moldboard and subsoil chisel plows at International Harvester's Engineering Center in Hinsdale, Ill. told members attending the Pennsylvania Young Farmer's Eighteenth Annual Convention, here recently, there are three basic reasons for the emergence of a great variety of tillage practices over the past few years. "The basics used for determining which tillage method you might use will come from one of or all of these three reasons. They are money, time and conservation," Harden said during an educational workshop he conducted at



Eldon A. Harden

the convention held Wednesday and Thursday,

February 8 and 9, at the Host Town Inn.

The farmer must often time choose for himself which factor is more important to him in a given situation. "Considering money, time and conservation, all three cannot be satisfied with one set type of tillage year after year. A farmer today must use a combination of methods and equipment most practical to fulfill his needs," Harden said.

You must decide what type tillage will result in the greatest profit, if that is your major goal, he said. When you are in a hurry and time is most important, in most cases you can expect a little less yield and conservation is not given much consideration. When soil conservation is given the consideration it deserves, time and money become secondary, Harden said.

Harden then discussed some of the equipment being used today to perform common tillage practices such as "no-till" whereby most often a colter on the front of the planter opens the ground for seeding and a heavy press wheel behind

the planter firms the seed. Another good conservation method is shallow or full width tillage whereby the area to be planted is worked to a depth of four to six inches with sides, field cultivators or wide sweeps, leaving at least half the trash from the previous crop on top of the ground, he said.

The relatively new subsoil chiseling method is used to break up hard pan and loosen the soil to a greater than normal depth for better root development and plant growth. It is made more practical in Pennsylvania by a new subsoil chisel that has a safety trip similar to the automatic moldboard plow trip, allowing for deep tillage work in rocky soil, he said.

Harden concluded by pointing out that the moldboard plow is the oldest and still the most popular means of tillage. "It is being used to produce the highest and most consistent yields under the widest variety of conditions," he said. On the other hand, he said, where "no-till" or "shallow till" systems are successful, plowing may not yield the best results.

"The moldboard plow can be used as a conservation tool by using wider furrows to leave the field in a rougher state and by leaving off all

trash covering devices so some trash will be left on the ground," he said.

"International Harvester and the entire tillage in-

dustry is interested in soil conservation. We are working to make the plow a better conservation tool," he said.

USDA simplifies rules for shipments of animal products

WASHINGTON — International shipments of restricted animal products will move more easily through U.S. territory due to simplified federal import regulations.

The revised regulations require that:

- the products are otherwise eligible for importation under prescribed restrictions;
- the importer notifies APHIS in advance;
- the products are transported under seals within sealed, leak-proof containers, and
- the products remain sealed within their containers at all times if they are unloaded for reshipment in other vessels.

sported under seals within sealed, leak-proof containers, and

the products remain sealed within their containers at all times if they are unloaded for reshipment in other vessels.

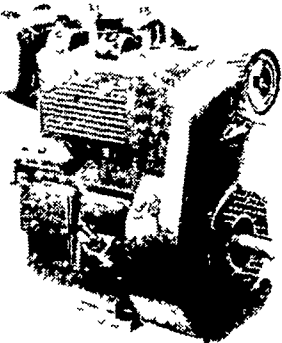
Hog parley set

HINKLETOWN — The Hinkletown Adult Farmer program will sponsor an educational meeting on "Swine Health Management" on Tuesday evening March 7 at 7:30 p.m. Dr. Lawrence Hutchinson, Extension veterinarian for Penn State University, will be the featured speaker.

The meeting will be held at the Hinkletown Alternative School located approximately 1/2 mile north of Route 322 on Wannan Road just east of Hinkletown. All interested persons are invited to attend.

"PETTER POWER PAYS"

WORLD LEADERS IN DIESEL ENGINE DESIGN



1 1/2 to 45 H.P. CONTINUOUS RATING

WITH PETTERS EXCLUSIVE WARRANTY YOUR SATISFACTION IS GUARANTEED. LET US KNOW YOUR SERVICE PROBLEMS

HOOVER DIESEL SERVICE

Petter Diesels - Sales & Service
Ph. 717-656-6133

2998 West Newport Rd. Ronks, Pa. 17572

Household Molasses



Baking Molasses
Table Syrup
Blackstrap Molasses

LOOK FOR HONEY BROOK MOLASSES AT YOUR LOCAL GROCER OR FEED MILL.



ZOOK MOLASSES CO.
Box 160, Honey Brook, PA

Livestock Molasses



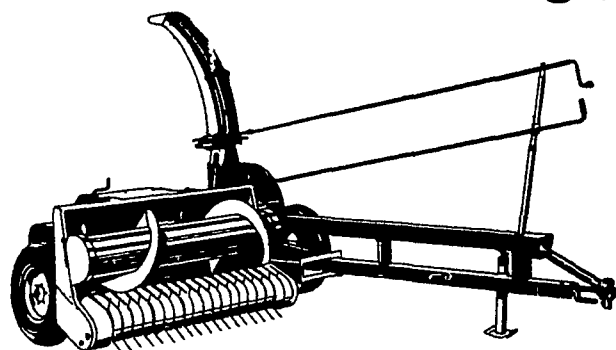
Cows
Horses
Sheep - Goats
Hogs - Chickens

- Liquid feeding cane molasses
- Honey Brook Brand dried molasses
- Z Brand dried molasses

IF NOT AVAILABLE, CALL
(215) 273-3776

ROUNDUP OF BARGAINS

Save \$195 to \$2,600 on new John Deere Hay and Forage Equipment. Get waiver of finance charge, too



Reward yourself two ways. Keep cash in your pocket with the special discounts shown below on new John Deere machinery. Second, no finance charge will be imposed until the first of

the month this type of equipment is used in our area. Act now while these pre-season discounts are available. Come on in and let's round up some bargains for you!

MACHINES

MACHINES	Discount through April 30, 1978
25 and 34 Forage Harvesters, 15A and 16A Rotary Choppers, 336 and 346 Balers, 100 Stack Mover	\$195
1207, 1209, and 1214 Mower/Conditioners, 466 Baler, 35 and 3800 Forage Harvesters, 800 and 830 Windrowers	\$325
100 Stack Wagon	\$975
200 and 300 Stack Movers	\$650
2250, 2270, and 2280 Windrowers	\$780
200 Stack Wagon	\$1,040
300 Stack Wagon	\$1,950
230 Stack Shredder/Feeder	\$2,600

Discount is subject to equipment availability

ENFIELD EQUIPMENT INC.

Whiteford, MD 21160
Phone: 301-452-5252

