

Energy, future of farms, topics at PennAg convention

By KENDACE BORRY

LANCASTER - Energy and the future of farms were the topics of a morning session of a PennAg Convention held recently. Experts on both subjects spoke to the group of agri-business men

Francis Murray, a Georgetown University professor and qualified

expert concerning energy, told that an understanding of the overall national energy system is needed. He compared figures from the past years of energy going into the system, converted, used, or lost, and predicted how these figures would change in the future while affecting the nation. He noted that with the existing programs in the United

States, more energy is being used than can be produced within the country, and that the United States is now an energy deficiency nation.

According to Murray the energy demand is rising, due to the growing population, the growing labor force, (with an expected over 20 million workers by the year 1990), the increase of the

standard of living, and the improvement of the environment. All are factors in the energy situation. He added that the industrial system is intensely energy oriented.

In order to keep a high standard of living without increasing the energy, there is a need of making use of the energy that is available, Murray said. His estimates showed that approximately half of the energy produced is lost in wasted heat, transition of energy changes, or other losses, and never used.

According to Penn State researchers Dr. Wesley R. Kreibel and Dr. James Beierlein, energy must be managed or the general public and businesses will bear the consequences. Companies need energy management, to plan and reduce the business's vulnerability to energy needs. The energy existing must be better utilized.

The two men told the group that they are in the process of trying to devise a model showing how much

energy is used in getting the final product of food from the farmer to the consumer. According to their current figures, feed companies are using slightly less energy now than they did in 1972.

Farming and the space age was the topic of Homer K. Luttringer, from Sperry-New Holland, Pa. Basically, he speculated on how much space would be left for the farmer in the future.

Speaking on the American farmer in general, Luttringer commented that the farmer created the biggest evolution and revolution in the world, all through his productivity. The American farmer uses scientific methods, new farm equipment, improved plant varieties, and loves his work.

Luttringer believes that if all the prejudices and political taboos were forgotten, nobody in the world would go hungry. The

world today should be able to feed eight times the world population, but this is not happening due to factors such as not all farmers being as productive as others, and the type of products which are being raised on farms.

The capacity for hard work and the farmer's ingenuity, Luttringer stated, is what keeps agri-business the largest industry of the world.

Predicting the future, Luttringer believes that equipment will be larger, with a higher capacity, while smaller farm equipment will be produced for the underdeveloped farmers, new crops will be made with higher yielding grains, and there will be fewer but bigger farmers.

Luttringer also added that the farm will remain a basic family unit, for the family is needed on the farm to keep it going, making a farm what it is.

Ohio farm takes Brown Swiss titles

HARRISBURG -- Top Acres Farm, St. Paris, Ohio, was named premier breeder and premier exhibitor for the second year at the 1977 Eastern National Brown Swiss show held Tuesday at the Farm Show complex as part of the 14th Annual Pennsylvania All-American Dairy Show.

Top cow in the show was a three-year-old, "Top Acres Beauty Glare," named grand champion and senior champion female, and exhibited by the Top Acres Farm. Another Top Acres entry, six year old "Kilvrock Snow Storm," was named reserve grand reserve senior champion female.

Junior winners were a pair of senior yearling heifers. The junior champion female, "Top Acres Barb Dee," was exhibited by Top Acres, and the reserve junior champion, "La Rainbow Designing Gisela," was shown by La Rainbow Farms, New Knoxville, Ohio.

"Royal Hill Jemini J" took the honors as the grand champion bull for the third straight year. The three-

year-old bull, also the senior champion, was shown by Royal Hill Farms of Fort Wayne, Indiana. The reserve grand champion bull was "Blessing Captain Hero," a senior yearling which also earned the junior championship. "Hero" was shown by Blessing Farms of Fort Wayne, Indiana.

The reserve senior champion bull, "LJ Revival R," is a seven-year-old owned by the Sand Rock

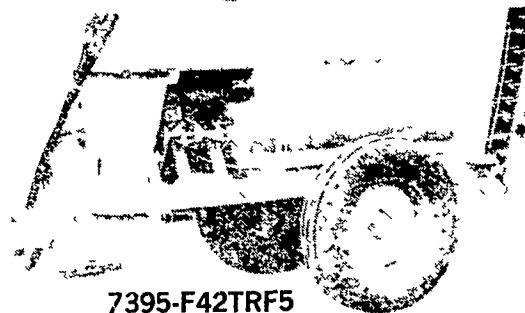
Farm, Rocky Ridge, Maryland. Reserve junior champion was "Blessing Lancer Ceasar," a bull calf owned by Blessing Farms, Fort Wayne, Indiana.

The premier sire award again went to "Welcome In Stretch," now deceased. His last owner was Curtis Breeding, Cary, Illinois.

The judge for the Eastern National Brown Swiss show was Vernon C. Hull of Strasburg, Virginia.

Built to Handle the Big Crop

- Covers approximately 300 acres per day with 80 ft total swath
- Remote Controls include long hose harness for mounting next to operator
- Control panel includes instant shut off valves and vane controls to direct the spray swath
- PTO Drive Low Cost Operation



7395-F42TRF5

- Low volume application from 20 to 50 GPA eliminates continuous fill ups
- 60 to 70 HP tractors recommended

SPECIAL PRICES IN EFFECT NOW

LESTER A. SINGER

RONKS, PA PHONE (717) 687-6712
Lancaster County's Only Dealer Specializing in Sprayer Sales & Service

A message of importance to

PENNSYLVANIA WHEAT GROWERS

S76

Soft Red Winter Wheat

Developed through the Pioneer Research Program. Available for sale this fall.

Four years of testing by Pioneer indicates that S76 is an exceptionally high yielding variety. Long, bearded heads with large, plump grains increase yield potential. In addition to high yield potential, S76 has very good standability, excellent milling and baking characteristics.

Try S76 on your farm this year.

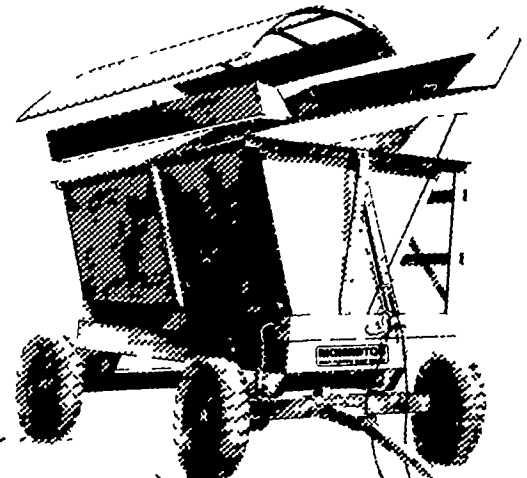
SEE or CALL
YOUR PIONEER DEALER



PIONEER
BRAND
SEEDS

Registered trademark of Pioneer Hi Bred International, Inc. Des Moines Iowa

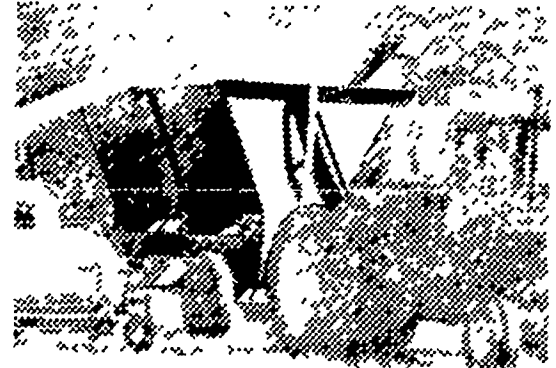
RICHARDTON MORE USES THAN EVER.



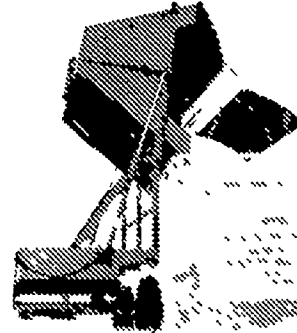
- Saves time, labor, forage boxes and trucks



- new lower auger loading height



- 12 ft. & 14 ft. sizes



Easily Converts
For Use As A
Forage Wagon
Grain Box
Ear Corn Box
Beet Wagon
Chaff Saver

FOR YOUR CLOSEST DEALER

CONTACT

Suncook Valley Equipment Company, Inc.
P.O. Box 220
Suncook, NH 03275
(603) 485-5355
Dealer Inquiry Invited