

Meat industry undergoing changes

By H. LOUIS MOORE
Penn State University

UNIVERSITY PARK — The nation's once quiet livestock and meat industry is now being shaken to its very roots by changes which threaten the largest as well as the smallest firms. These changes are evident in Pennsylvania and throughout the nation and are shaping the future of the industry.

Notable among the changes have been (1) the rapid growth in shipments of boxed beef at the expense of live cattle and carcass shipments from the Midwest to Eastern markets, (2) the specialization of processing firms such as Oscar Mayer, (3) the growth in fast-food chains, (4) improved transportation, and (5) the growth of institutional suppliers who sell to restaurants and hotels. Basically, American consumers' eating habits are changing as they become more affluent. They eat out more often and eat more prepackaged meat items than in the past.

The impact of these changes on Pennsylvania's livestock and meat industries is explored in this issue. In addition, some speculations for the future have been projected.

Livestock production grows

The Commonwealth is the most important livestock-producing state in the Northeast even though Pennsylvania farmers raise only about one per cent of the nation's cattle and hogs. Pennsylvania's share of the livestock industry is rapidly increasing compared to its neighbors in the Northeast. While marketings of cattle in Pennsylvania since the mid-1950s have increased at a lower rate than national growth, the state's producers increased cattle marketings from 357,000 head in 1956 to 447,000 head in 1977, Table 1. Pennsylvania farmers marketed 51 per cent of all cattle sold in the Northeast in 1977 compared to only 36 per cent in 1956.

Table 1. Pennsylvania cattle marketings and share of Northeast, selected years 1956-1977

Year	Pennsylvania	Northeast	Pa. as % Of Northeast
1956	357,000	984,000	36
1966	481,000	1,063,000	45
1970	416,000	915,000	44
1975	402,000	863,300	47
1976	439,000	876,000	50
1977	447,000	871,000	51

Dairying is important in Pennsylvania and contributes heavily to cattle marketings. The average productive life of a dairy cow is about five years; therefore, about 20 per cent of the herd is culled annually. The dairy herd currently numbers about 700,000 head, thus contributing over 100,000 culled cows to the beef industry each year. Nearly a quarter of the total number of cattle marketed by producers are culled dairy cows.

Pennsylvania hog producers have traditionally held a larger share of the market in the Northeast than have cattle producers. Pennsylvania's share of hog marketings in the Northeast increased from 51 per cent of the total in

(Turn to Page 45)



Your AMS/OIL Dealer offers a full line of synthetic lubricants and other automotive products.

- Gear Lube
- Diesel Oil
- Hydraulic Oil
- Compressor Oil
- Engine Oil Filters
- Grease
- Carburetor Cleaner
- 2-Cycle Oil
- Gasoline Additive

For more information contact:

MEL CALDWELL Direct Jobber Millersville, PA 717 872 7324
SAMUELS STOLTZFUS Dealer Ronks PA 717 768 3803

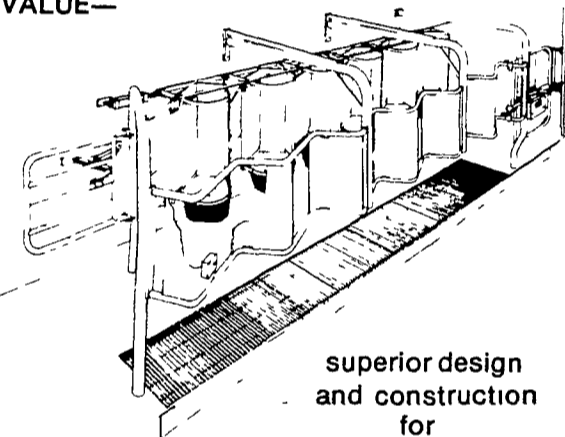
AMOS ZIMMERMAN Dealer Ephrata PA 717 733 4020
DANIEL GLICK, JR. Dealer Windy Tour Rd. N.E. of Rt. 23 from Bards Crossing Bird in Hand PA

Dealer Inquiries Invited



BOU-MATIC MILKING SYSTEMS

BOU-MATIC DELIVERS LONG LASTING VALUE—



superior design and construction for faster, easier milking—

with

BOU-MATIC HERRINGBONE PARLOR STALLS—STANDARD or UNITIZED. with standard features like:

- WIDE 44" STALL SPACING
- TOUGH, HOT-DIPPED GALVANIZED PROTECTION THROUGHOUT
- SMOOTH OPERATING MANUAL ENTRANCE AND EXIT GATES

And a complete line of simple-to-install convenience options:

- POWERED FEED BOWL COVERS
- STEEL CURBS AND GRATES
- POWER GATE KITS
- AUTO GATE KITS
- AUGER OR ELECTRIC FEEDERS
- C.I.P. JETTER WASHERS

LANDIS FARMSTEAD AUTOMATION
Milton, Pa
(717) 437-2375

JONES DAIRY SERVICE
Lester Jones, Jr
Medford, N.J.
(609) 267 5246

LLOYD E. KREIDER CO.
Cochranville, Pa
(215) 932-4700

LAWTON'S DAIRY EQUIP. & REFRIGERATION
Wellsboro, Pa
717-724-3015

SANER FARM SYSTEMS
McAlisterville, Pa
(717) 463-2606

CUMBERLAND DAIRY SERVICE
Larry Hughes
Chambersburg, Pa
(717) 263-0826

SHENK'S FARM SERVICE
Lititz, Pa
(717) 626-1151

John Deere 80-hp 2840

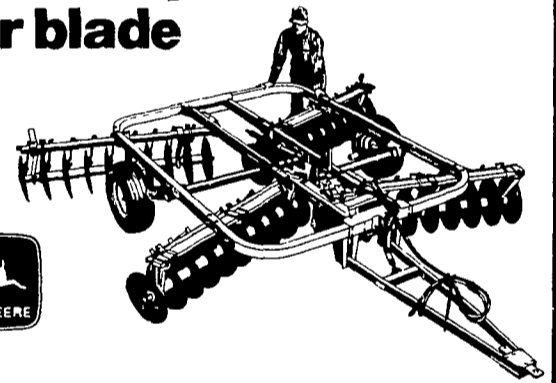


Our lowest-priced big tractor for corn-bean-livestock farms

Base price on this 2840 includes all the tractor features you need to prepare seedbeds, then plant and cultivate them. All you need to put up hay — in bales or as haylage. All you need to chop corn silage or to power a grinder/mixer. Base price includes: 6-cylinder diesel engine. . . 12-speed hydraulic Hi-Lo shift transmission with built-in shuttle shift. . . draft-sensing 3-point hitch. . . independent 540/1000 rpm PTO. . . two double-action remote cylinder outlets. . . drawbar. . . 28-gallon front-mounted fuel tank. . . power steering and hydraulic brakes. . . differential lock. . . rack-and-pinion adjustable rear wheels. All that and more: standard.

Depending on your acreage, the 2840 could be your primary power source. . . or it could be the "other" tractor you need to keep two planting-season operations going at the same time. Or to power the blower during chopping season. Or to load. . . or spread. The 2840: impressive power, reasonable price. Check it out soon.

210 LEVEL-ACTION™ DISK Width to 14 feet with 70 to 85 pounds per blade



Get disking results you can see—nearly level disking, and uniform soil mixing with 210 Level-Action Disks.

Working weight of 70 to 85 pounds on every blade lets these 11½-to 14-foot disks even out soil where other disks form ridges.

These Level-Action Disks feature overlapping front gangs that do away with middle-breakers while cutting out the center ridge most disks leave behind.

Other features include a self-leveling hitch that keeps the frame level and puts up to 100 percent working weight on every disk blade at full disking depth

LANDIS BROS. INC.
Lancaster, PA
717-291-1046

ROBERT E. LITTLE INC.
Zieglerville, PA
215-287-9643

ADAMSTOWN EQUIPMENT INC.
Mohnton RD2, PA 19540
(near Adamstown)
215-484-4391

STANLEY A. KLOPP INC.
Bernville, PA
215-488-1510

PIKEVILLE EQUIPMENT INC.
Oyster Dale Road
Oley RD2, PA
215-987-6277

KERMIT K. KISTLER INC.
Lynnport, PA
215-298-3270

NEUHAUS'ES INC.
RD2, York, PA
I-83 Loganville Ext 3
717-428-1953 or
235-1306

M.S. YEARSLEY & SONS
West Chester, PA
215-696-2990

SHOTZBERGER'S EQUIPMENT
Elm, PA
717-665-2141

AGWAY INC.
Chapman Equipment Center
Chapman, PA
215-398-2553

A.B.C. GROFF INC.
New Holland, PA
717-354-4191

I.G.'s AG SALES
Silverdale, PA 18962
215-257-5136