


Livestock Ledger

by Chester D. Hughes



Extension Livestock

gy, maintenance and labor.

Real All About Animal Handling

Doing its part to improve meat quality, the Livestock Conservation Institute has developed four animal-handling pamphlets. And at \$1 a copy, they would make great handouts for your next family or employee meeting — or even a refresher for you.

The pamphlets are:

- **Handling Pigs:** This contains information on basic hog behavior during handling and transport. It also addresses crowd-pen and chute design elements.

- **Livestock Handling Guide:** Like the previous pamphlet, this one helps you understand animal behavior and offers facility and loading-chute design tips. It also provides information to help you prevent bruises and other animal injuries.

- **Livestock Trucking Guide:** The best ways to transport hogs is the topic in this pamphlet. Space recommendations, the livestock-safety index, the Ames wind-chill indexes and general trucking tips are included.

- **Proper Handling Techniques for Nonambulatory Animals:** This pamphlet is designed to respond to

the needs of nonambulatory animals. It includes preventative measures, proper euthanasia technique for a variety of animals, proper moving techniques and fa-

cility design recommendations.

To place an order for any of all of these pamphlets, contact LCI at (502) 782-9789.



(Continued from Page A38)

herd of Jerseys from Water and Joan Brown, and then formed a partnership with Kirsten's parents, Dick and Sharon Clauss, to create Yosemite Jerseys Dairy.

The Yosemite herd has 1,300 milking cows with a rolling herd average of 17,973 pounds milk, 843 pounds fat and 728 pounds protein. Since the formation of Yosemite, C.A. has focussed on

managing the herd, as well as the heifer raising operation at Clauss Dairy Farm, and at the Sunwest Jersey Dairy.

C.A. and Kirsten are both involved in community and dairy related activities. C.A. has served on the Central Valley Breeders board of directors and is the current vice president of the California Jersey Cattle Association and has served on the Hilmar Fire Department since 1989. Kirsten has served as co-chair of the Merced County Heifer Program and on the Emanuel Medical Center Board.

The Russells have three children Colin, Lars, McCalister.

GRAIN PROCESSING FOR CATTLE FEEDERS

A very important decision for cattle feeders is the choice of method for the processing or preparation of grains common to feedlot rations. Many cattlemen are under the impression that grinding, rolling, cooking, etc., all improve the digestibility and feeding value of grains. This is not always true, because the differences in size of kernel, seedcoat, fiber content, and palatability of each grain must be considered.

Corn is produced in greater quantity than any other grain and is also preferred by most feeders. Compared with other grains, corn is superior in available energy, higher in total digestible nutrients, is a source of vitamin A, is more palatable, and requires less processing. A commonly held opinion among cattlemen is that the reduction of particle size by grinding and rolling improves the digestibility of shelled whole corn.

However, in finishing ration containing at least 80 percent corn, feeding trials have shown no difference as to whether the corn was cracked, finely ground, rolled, or whole.

When whole corn is fed a few grains of corn can be easily seen in manure because of the relatively large size. However, close examination of droppings from cat-

tle fed finely ground corn reveals the same amount of undigested grain. In fact, when no roughage is fed, whole corn provides superior performance over ground or rolled since whole corn provides its own "roughage factor" thereby avoiding the rumenitis and liver abscesses associated with high concentrate diets.

Steam rolling or flaking does improve the utilization of corn by 5 percent to 10 percent in most finishing diets. However, the capital investment, energy cost, equipment maintenance and labor associated with steam flaking dictate its use in larger operations where the equipment can be used to capacity.

Barley has a high fiber hull and contains less available energy than corn, but is an excellent feed for cattle. Both grinding and rolling improve the digestibility of barley, while steam flaking further improves utilization.

Oats have a fibrous hull like barley, but the hull is a bit softer and cattle utilize whole oats better than whole barley. Either grinding or rolling can improve digestibility. Although a very palatable and excellent feed for cattle, good quality oats are almost always too expensive to compete with corn.

Regardless of the grain in question, the choice of a processing method must be based on total cost of capital, depreciation, ener-



Public Auction Register

Closing Date Monday 5:00 P.M. of each week's publication

Internet Sale Register will be updated every Sat. at 2:23 P.M.

TUES JUNE 30, 10 00AM 1825 E. Boston Ave., Philadelphia, PA Office furniture, housewares, restaurant equipment, carpet, building materials, artwork, general merchandise Wm F Conly & Son, Inc., Auctioneers

WED JULY 1 - 10 00AM 3950 "D" St., Philadelphia, PA A.C. units, tools, air tools, building

material, doors, plumbing, tile, computers, and more Associated Auct

WED JULY 1 - 3 30PM Hauseman's Farm Mkt Barn, Hill Church Rd, Pikeville, PA Signs on Rt 73 at Pleasantville Cars, trucks, tractors, tools, hardware, guns, furniture, antiques & more Gary Hauseman, Auct., 610-987-6626

Notice!!!

Holiday Schedule

Auctioneers... Please Mail or Fax Public Sale Copy Early!

July 4th Deadline
Monday, June 29 - 5:00 PM
Fax No. (717) 733-6058

APPROX. 103 ACRES REAL ESTATE (ACREAGE) AT AUCTION

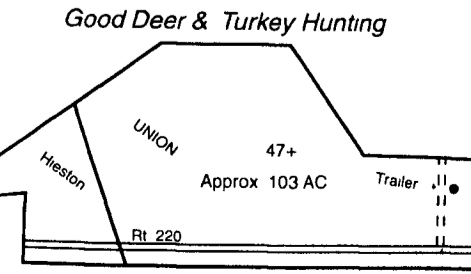
SUN., AUGUST 16, 1998 1:00 PM

(near Penn State University) - Centre County

Approximately 103 Acres w/mobile home, 14'x60', well & on-site septic. 2 yr. old furnace, property is in clean & green. Very nice mobile home & property. Located across from the Glider Port on Rt. 220. Property has Rt. 220 road frontage. Address is 124 Poor Farm Lane, Julian, PA. Auction by Bernadette Robbins.

To see or for more info call Ron 814-237-0189.

Good Deer & Turkey Hunting



Auctioneers: Ron J. & Ron S. Gilligan #AU339L & #AU3430L 814-237-0189

PUBLIC AUCTION of Valuable

Lancaster County Real Estate

Thurs., July 16, 1998 ★7:00 P.M.

Located At: 243 N Franklin Street, Lancaster, Lancaster County, PA. Take King Street to Eastern End of Lancaster turn North on Franklin Street Between Chestnut & Walnut Street Watch for signs.

★REAL ESTATE★

Real estate consists of Solid 2 1/2 story brick semi detached home that has been well maintained. Included in the purchase of his home is a washer/dryer in the basement and the side by side refrigerator in the kitchen. This home has been rented for \$600.00/month + utilities. The 13 x 7 frame addition to the rear of this home is currently used as an office. It has a rustic brick floor with a sliding glass door that opens onto the 10x20 brick patio. Patio is surrounded by bamboo, giving you the privacy rarely found in the city. Updated 100 amp service with breakers. Brick fireplace in the living room breakfast bar with 3 stools in the dining area. This home is in move-in condition and deserves your attention.

★OPEN HOUSE★

Thurs July 9★6-8 PM★Sat July 11★2-4PM

PAYMENT TERMS: Real Estate 10% down payment day of auction Balance due by August 31 1998 Buyer pays all real estate transfer taxes

BROKER PARTICIPATION: 1% fee available for successful registered buyer prior to July 14 1998 Registration letter must include prospective buyer's signature. Brokers call auctioneers for details

AUCTIONEER'S NOTE This property is seriously for sale and deserves your attention

Auction Conducted For

Martiza R. Novack & Catherine M. Citrano
Linda Kling, Attorney

Stephen J. Barr AU-002422-L
James S. Davis Jr. AU-002421-L
Gap, PA 17527
(717) 442-9221

Announcements day of auction take precedence over previous advertising

Associated Auctioneers

3950 D Street, Phila., Pa 19124
(215) 739-1021

Absolute Auction

Wed., July 1, 1998 at 10:00 am

One Million Dollar Inventory • Major Tool & Appliance Distributor

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1,000 Tools: Cordless drills circular saw router tool kits shop vac reciprocating saw kit sander pipe saw mitre saw 1 to 5 1/2 hp oil lub portable air compressor

Air Tools: Utility cut off tools pistol grip shear sander 1/2 drive impact wrenches die grinders 11 die man air drills & ratchet wrenches screwdrivers hammers staplers automotive air tools pneumatic air tools hydraulic pumps pipe thread tools spray guns scroll saw battery chargers & testers 12 auto planer spindle machine mini lathe, drill press shaper auto frame straighter band saw power truck saws bench saws jet garden pump bug spray floor jacks hand trucks & much more

Building Material 1 500 rolls of Owen Corning R 19 insulation 1 000 boxes of vinyl siding with all the trim in 4 colors

Doors: H/c w/c p/h 5 6 8 vinyl clad sliding & swing doors p/h steel entry doors 400 issit size windows

Plumbing: 100 1 pc Universal tub & showers w/matching toilet & sinks hot water heaters

Tile: 200 000 sq ft from 4 to 12 10 000 sq ft of 12x12 marble 14 000 sq ft of hardwood flooring 5 000 yds of carpet

Computers: 50 486 computers in the box printers fax machines copy machines

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Auctioneers Note: This is a very large sale at such short notice

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\$175



FD 48
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