

(Continued from Page A25)

Chronic cows may not have extremely high SCS, but because the elevated counts continue for months, significant milk loss is experienced. The mildly infected cows are losing 45 to 90 pounds of milk per month and are likely candidates to become clinical cases.

Such cows are potential sources of bacteria to infect healthy cows and should be isolated from the other cows if contagious mastitis is a problem in the herd. Milk these cows last or with separate milking equipment. It is generally not practical to treat these cows with antibiotics.

Reviewing your DHIA SCS information can provide important clues as to the sources of your mastitis problem and help you to improve your mastitis control program. Is the mastitis in your herd caused by contagious or environmental bacteria, or both kinds?

Environmental mastitis tends to occur early in lactation and affected cows have elevated SCS for short durations. Environmental mastitis can be controlled by cleaning up the environment especially the bedding areas.

Change bedding types and if possible use sand as a bedding. Sand will not allow the environmental bacteria to grow.

You should work to eliminate standing water and mud.

Evaluate your milking hygiene program — predipping is believed to be an effective control measure against environmental

mastitis.

Reduce the use of water during milking preparation, keep udders clean, and clip or singe udder hair.

Finally, eliminate "squawking," otherwise known as liner slipping, particularly at the end of milking.

Contagious mastitis is more likely to occur later in lactation and cows, typically have elevated SCS month after month. To combat this type of mastitis consider changing milking procedures, pay particular attention to teat dipping and dry cow therapy.

Prevent teat sores and isolate cows that are known to be infected.

These measures tend to reduce the transmission of the disease to uninfected cows and slowly reduces the number of new cases of contagious mastitis.

In a herd with contagious mastitis, progress in reducing herd SCS can be slow especially if problem cows are not isolated.

An increase in the percentage of cows with SCS of 0, 1, and 2 indicates progress is being made, even when other signs are discouraging. Your DHIA SCS report will be your best monitor of progress.

We have discussed some of the uses of SCS to monitor individual cows, and will next (in a future article) talk about using SCS to monitor cow groups. The important point here is that preventing one case of clinical mastitis can pay for the DHIA testing of 119 cows for a year.

Preventing mastitis by using your DHIA records puts money into your pocket with little extra

### Average Farm Feed Costs For Handy Reference

To help farmers across the state to have handy reference of commodity input costs in their feeding operations for DHIA record sheets or to develop livestock feed cost data, here's last week's average costs of various ingredients as compiled from regional reports across the state of Pennsylvania. Remember these are averages so you will need to adjust your figures up or down according to your location and the quality of your crop.

- Corn, No. 2y - 2.33 bu. 4.16 cwt.
- Wheat, No. 2 - 3.53 bu. 5.89 cwt.
- Barley, No. 3 - 1.85 bu. 3.96 cwt.
- Oats, No. 2 - 1.56 bu. 4.85 cwt.
- Soybeans, No. 1 - 5.27 bu. 8.79 cwt.
- Ear Corn 59.65 ton 2.98 cwt.
- Alfalfa Hay - 91.75 ton 4.59 cwt.
- Mixed Hay - 92.50 ton 4.63 cwt.
- Timothy Hay - 91.75 ton 4.59 cwt.

cost.

Each year that mastitis control measures are continued and mastitis is closely controlled compounds the dividends you make by having invested in somatic cell monitoring and learned how to interpret the SCS report.

## Pa. Holstein Breeders

(Continued from Page A18)

tions to participating breeder/advertisers.

Each advertiser is to also get a copy of the souvenir booklet. The deadline for submission of

all ad copy and final payment is March 1. All checks should be made payable to: 1995 National Holstein Convention.

For more information, call Ken Raney at (814) 234-0364.

### 110th National Holstein Convention Souvenir Booklet



AD ORDER CONFIRMATION

Date \_\_\_\_\_  
 Advertiser Name/Title \_\_\_\_\_  
 Farm/Business Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 Town \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_  
 Ad Size (check one) \_\_\_\_\_ Full Page \_\_\_\_\_ 1/2 Page \_\_\_\_\_ 1/4 Page \_\_\_\_\_ 1 Column x 2"

ADVERTISING RATES

	Black & White	2 Color (Red, Blue, or Green)
Full Page	\$330	\$430
Half Page	\$180	N/A
Quarter Page	\$100	N/A
1 Column x 2 inches	\$25	N/A

Rate includes 2 pictures per ad plus set-up work. If additional work or special effects are requested, the advertiser will be contacted with a quoted price before proceeding.

4 Color is available for full page ads, contact PA Holstein for price quote

Each advertiser who takes a full page, half page or quarter page ad will have their farm or business put on a map that will be sent to each family registered for the Convention.

A \$50 deposit is required with this contract. Unless written cancellation of this contract is received by January 1, 1995 there will be no refund.

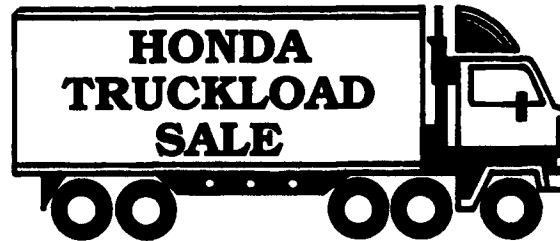
All ad copy is to be furnished and final payment made by March 1, 1995

All checks should be made payable to 1995 National Holstein Convention

Send Contract, Ad Copy and Check to Pennsylvania Holstein Association  
 839 Benner Pike  
 State College, PA 16801  
 Phone (814) 234-0364 Fax (814) 234-1696

Advertiser's Signature \_\_\_\_\_ Advertising Sales Representative \_\_\_\_\_  
 Directions to Our Farm \_\_\_\_\_

### 4TH ANNUAL ANNIVERSARY SALE



Buy Below Dealer Cost!  
 2 Days Only!  
**FEB. 21 & 22, 1995**  
 8 AM - 7 PM

Free Refreshments

- 2.2 hp Honda.....\$223
  - 4 hp Honda.....\$260
  - 4 hp Honda oil alert.....\$270
  - 5.5 hp Honda.....\$280
  - 5.5 hp Honda oil alert.....\$285
  - 8 hp Honda oil alert.....\$450
  - 9 hp Honda oil alert.....\$465
  - 9 hp Honda oil alert electric start.....\$570
  - 11 hp Honda oil alert.....\$530
  - 11 hp Honda oil alert electric start.....\$620
  - 13 hp Honda oil alert.....\$560
  - 13 hp Honda oil alert electric start.....\$655
  - 18 hp Honda electric start.....\$350
  - 18 hp Honda oil alert electric and recoil
  - key ignition.....\$945
  - 20 hp Honda oil alert electric start.....\$955
  - Manifold and muffler for 18 & 20 hp.....\$89
- Buy 2 Honda filters and get 1 FREE

#### 10% OFF

All hyd. pumps, hyd. cylinders, hoses, bearings, pulleys, belts, peerless batteries, propane heaters (in stock). Extra Special on Mobil Oils.

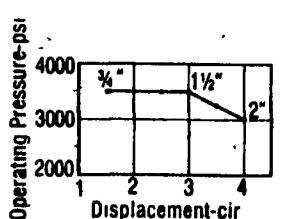
- Kohler K5825 23 hp engine with complete switch panel, wt. 200 lbs. ....\$1398.00
- Kohler CH255 25 hp engine with complete switch panel, new model, overhead valve, low oil shutdown, wt. 120 lbs. ....\$1198.00

#### Extra Special Purchase!

#### 330 Commercial Pumps & Motors For Heavy Duty Use

Commercial's model 330, 350 and 365 pumps and motors are external spur gear, fixed displacement units designed for continuous operation at pressures up to 3500 psi. They combine a practical high pressure capability with the economy and durability of gear equipment. High Efficiency - Advances in our thrust plate designs and seal material contribute to pump volumetric efficiency as high as 95% of theoretical, even with fluid viscosity as low as 50 SUS. Longer gear journals present a large effective area to the sleeve bearings and provide excellent load distribution. Internal passages supply a constant flow of lubrication from the pump's inlet to all bearing surfaces. This ensures a film of clean, cool oil on all moving parts at all times. These features greatly extend service life. Heavy-duty Construction - Housings are made from cast iron for durability and strength. Units are available in single and multiple assemblies. The drive gears and shafts are machined from a one-piece forging to provide maximum strength. Gear teeth and journals are carburized and ground to a precision finish. Cast-bronze thrust plates are pressure loaded and designed to provide minimum clearance at the ends of the gears for outstanding efficiency.

List \$595.00 SALE \$280!



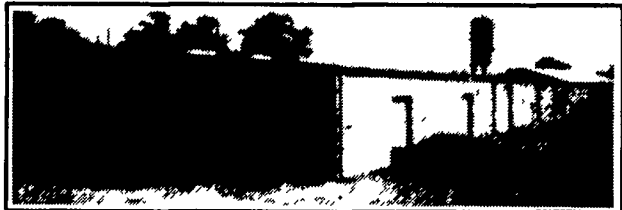
All Mail Orders Must Be Received By 2/22/95 • Or Call Neighbor At 610-593-2753

## GEORGETOWN HYDRAULICS

343 Christiana Pike, Christiana, PA 17509 (1 Mile East of Georgetown)

### ATTENTION TOBACCO FARMERS

We Couldn't Do It Without You!



Thanks to all farmers who worked hard to help us make tobacco auction a success.

LAST SALES: Wed. February 15th • 10 am  
 Receiving: 2/13

TRUCKING AVAILABLE-CALL MITCH

#### PARADISE, PA 2/8/95 SALE REPORT

373,479 Lbs. Sold	Lancaster Leaf .....	40%
Good \$1.20-\$1.25	Ideal.....	27%
Low \$.50-\$1.20	Golden.....	20%
Market Steady	Oldam.....	2%
	Southboat.....	8.5%
	Victor Winstead.....	2%

FOR SALE: Hyster Tow Motor, 4,500 Lb., Late Model, Solid Tires, Good Condition.  
**\$4,000**

#### PARADISE TOBACCO SALES

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