

FOCUS

Pennsylvania Dairy Herd Improvement Association

Pennsylvania DHIA news is presented in FOCUS each week in cooperation with Dixie L. Burris, manager of membership development.

For more information about these news items or the services of DHIA call 1-800-DHI-TEST. The call is free.

## Somatic Cell Count Limit To Drop

**SID BARDNARD**  
Food Science Specialist

Most dairymen have little difficulty meeting the maximum 1,000,000 somatic cell count (SCC) as now required.

Few will have any problem meeting the new maximum of 750,000 SCC per milliliter starting July 1, 1993.

This reduction was approved by the state regulatory delegates at the IMS conference in April and is expected to be approved by the Food and Drug Administration.

Between 10 percent and 15 percent of dairymen now produce milk with a SCC of 100,000 per milliliter or less. They get maximum potential milk production from their cows; use fewer antibiotics and dump less drug residue contaminated milk; and realize highest prices for their low SCC/higher protein content milk.

Herds with 1,000,000 or even 750,000 SCC per milliliter are dealing with mastitis, animal stress and reduced milk production of as much as six to eight pounds of milk per animal per day.

There is no public health concern about this milk following pasteurization. The primary concern is for dairymen who are not getting maximum production and thus have lower income from the sale of milk.

We began testing on Feb. 1, for those herd owners that were notified by their technician.

There is a place on the header page of the barn sheet where this option can be made. The results will appear on the Monthly Lactation Report, Cow Page, and Herd Summary II.

Solids not fat (SNF) is also referred to as NFMS, (non-fat-milk solids). If you are interested in enrolling your herd on this test or Somatic Cell testing PA DHIA is prepared to serve you.

You may choose from a wide variety of different testing programs. The unique part of PA DHIA Testing Lab is that we now offer choice, anything from the entire herd on any or all tests to you selecting what cows you want tested.

Our SAP Program is a laboratory test selecting butterfat, protein, SCC, SNF to butterfat and protein or just SCC.

If you have any questions about SNF test, or would like information on PA DHIA, please call us at 1-800-344-8378.

## Solids Not Fat Started Feb. 1

Some Pennsylvania dairy producers are being paid for Solids-not-fat (SNF) in their milk. PA DHIA is now able to test individual cows or bulk tank samples for SNF.

Non-fat solids are made up of the protein, lactose, and mineral content of milk. Protein and lactose values can be determined by the use of standard infra-red equipment used by most present-day testing labs.

However, most commercial laboratories do not test individual farm samples for lactose.

The ash (mineral) content is usually estimated at 0.7 percent since the normal range is from 0.5 to 0.9 percent for most cows milk, said Lawrence Specht, PSU Extension specialist in an article published April 15, 1992.

The Pennsylvania DHIA milk testing lab is ready to offer this to all dairymen who select this laboratory option.

### SCHEDULE OF EVENTS FOR PA DHIA

- 1993
- Feb 16 Adams County Workshop, Oxford Township Bldg., 1:00PM
  - Feb 16 Adams County Workshop, Extension Office, 7:30PM
  - Feb 16 Crawford County DC305 Workshop, Extension Office 1:00PM - 3:00PM
  - Feb 16 Crawford County ARIS Workshop, Extension Office 7:30PM - 9:30PM
  - Feb 18 Indiana County ARIS Workshop, Extension Office 1:00 PM
  - Feb 18 Indiana County DC305 Workshop, Extension Office 7:00 PM
  - Feb 19 Franklin County ARIS Workshop, Extension Office 12:30PM - 3:00PM
  - Feb 22 Chester County Workshop, Russellville Grange, 12:30PM - 3:00PM
  - Feb 23 Berks County Workshop, Tulpehocken High School Ag Ctr., 12:30PM - 3:00PM
  - Feb 24 Bucks County Workshop, Neshaminy Manor Center, 12:30PM - 3:00PM
  - Feb 24 Chester County DC305 Workshop, New Bolton, 1:00PM - 3:00PM
  - Feb 24 Chester County ARIS Workshop, New Bolton, 7:00PM - 9:00PM
  - Feb 25 Berks/Montgomery Counties Workshop, Pleasantville Park Diner, 11:00AM - 2:30PM
  - Feb 25 Berks County Workshop, Kutztown High School Ag Center, 7:30PM - 10:00PM
  - Feb 25 Fulton County Workshop, Jolly Farmer Restaurant, 11:00AM - 2:00PM
  - Feb 26 Chester County Workshop, Honeybrook Grange, 12:30PM - 3:00PM
- Mar 3 Montour County DC305 Workshop, Extension Office, 1:00PM - 3:00PM
- Mar 3 Montour County ARIS Workshop, Extension Office, 7:30PM - 9:30PM
- Mar 4 Centre County DC305 Workshop, Pleasant Gap Grange 1:00PM - 3:00PM
- Mar 4 Centre County ARIS Workshop, Pleasant Gap Grange, 7:30PM - 9:30PM
- Mar 11 Butler County ARIS Workshop, Extension Office, 1:00PM - 3:00PM
- Mar 11 Butler County DC305 Workshop, Extension Office, 7:00PM
- Mar 19 - 20 1993 Annual Meeting, Radisson Hotel, Monroeville, PA  
(\* All members are invited to attend)
- Mar 19 - 20 PA DHIA State Board of Directors, Monroeville  
(following the Annual Meeting)
- Mar 25 Cumberland County DC305 Workshop, Extension Office, 1:00PM - 3:00PM
- Mar 25 Cumberland County ARIS Workshop, Extension Office, 7:00PM - 9:00PM
- Mar 25 Susquehanna County Workshop, Thompson Fire Hall, 10:00AM - 12:00PM
- Mar 25 Susquehanna County Workshop, Clifford Baptist Church, 1:00PM - 3:00PM
- Mar 26 Susquehanna County Workshop, Auburn Township Bldg., 10:00AM - 12:00PM
- Mar 26 Susquehanna County Workshop, County Office Bldg., 1:00PM - 3:00PM
- Apr 7 - 8 PA DHIA State Board of Directors, State College
- July 7 - 8 PA DHIA State Board of Directors, State College
- Oct 5 - 6 PA DHIA State Board of Directors, State College

# WORLD CHAMPION

THE WINNING  
ENTRY  
IN THE  
WORLD FORAGE  
ANALYSIS  
SUPER BOWL



## LEGEND MULTI-LEAF

WITH A SCORE OF 97, THE FIELD-CURED ENTRY  
TOPPED MORE THAN 400 OTHERS FROM 24 STATES

21.4% crude protein  
34.5% neutral detergent fiber (NDF)  
25.9% acid detergent fiber (ADF)  
68.0% digestible dry matter and a relative feed value of 188

Contact Your Nearest Dealer Now

- |  |  |  |   |  |
|--|--|--|---|--|
| <p><b>Forry's</b><br/>Ag Supply<br/>Lancaster, PA<br/>717-397-0035</p> | <p><b>Little Britain</b><br/>Ag Service<br/>Quarryville, PA<br/>717-529-2196</p> | <p><b>Landis</b><br/>Weaver<br/>Quarryville, PA<br/>717-529-2609</p> | <p><b>Buffalo Valley</b><br/>Farm Supply<br/>Lewisburg, PA<br/>717-524-2673</p> | <p><b>Aaron H.</b><br/>Martin<br/>Lewisburg, PA<br/>717-524-2952</p> |
|--|--|--|---|--|



**SERVOS**  
SEED CORP.  
28 RINGFIELD  
CHADDS FORD, PA 19317  
(215) 388-6039

## Mifflin Holstein Breeders

(Continued from Page A26)

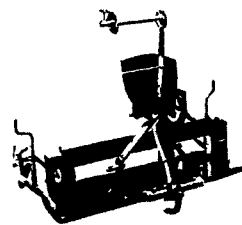
wife worked with Poland's Extension Specialists, developed 4-H programs for Youth Leadership, and answered questions on Cooperatives.

Irwin said the average farm in Poland contains five acres and produces \$150/month. Seventy-five percent of the farms are privately owned with 25% state own-

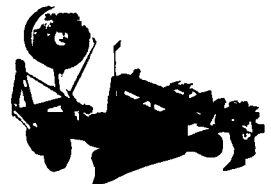
ed. Farmers plant crops similar to North Dakota - small grains and potatoes. Over half of the tractors are home-made, Irwin said, and no electricity exists for refrigerating milk.

Mrs. Irwin said visiting another country helps one to appreciate what we have here and encouraged all to go if an opportunity arises.

### VEGETABLE GROWING MACHINERY



FLAT BED MODEL 560  
PLASTIC LAYER



RAISED BED MODEL 2500  
PLASTIC LAYER



MODEL 1400 WATER  
WHEEL TRANSPLANTER



CHALLENGER MODEL 1800  
PLASTIC LIFTER

Mfg. of Vegetable Machinery - We Stock The Following Supplies: Plastic Mulch, Drip & Overhead Irrigation, PTO, Engine & Submersible Pumps, Greenhouse Supplies & Plastic, Aluminum & PVC Pipes & Fittings, Layflat Hose, Harvesting Baskets, Emitters & Orchard Drip Systems, Sand, Disk & Screen Filters, Auto or Manual Backwash.

This is Only A Partial Listing.  
"Let Our Experience Help You With Designing Your System"  
Call Or Write For Free Catalog



**RAIN-FLO IRRIGATION**  
884 Center Church Rd., East Earl, PA 17519  
(215) 445-6976