



FOCUS

Dixie L. Burris, Membership Development,
Call 1-800-1111-1E51 for information.
Pennsylvania Dairy Herd Improvement Association
DHIA Service Center, Orchard Road, University Park, PA 16802

How Does Your Herd Compare?

STATE COLLEGE (Centre Co.) — These data are calculated using information pulled from Pennsylvania DHIA's mainframe computer each week. It is a one-week summary representing approximately one-fourth of the herds on test, as they are tested monthly.

These data are valuable from a business management standpoint and can be used for comparing your operations to the averages from about 1,400 herds across the state.

DHIA Averages for all herds processed between 10/30/93 and 11/06/93

Number of Herds Processed	1,021
Number of Cows Processed	60,690

Milk Record

(Continued from Page A32)

Green County, Missouri supervised Suzet's lactation. Nash has worked as a certified DHIA supervisor since 1978 in the states of Washington, Kansas and Missouri.

Suzet's record surpasses the former world record held by Tullando Royalty Maxima owned by Tullando Farm, in Orford, New Hampshire, announced last February.

The Robert and Mariann Thomson family operation includes

daughter Janice and husband Alton Ling; daughter Mary and husband Ryan Angelo; daughter Carol and husband Ronnie Tag and son Mark Thomson. Mark is the owner of Suzet.

Suzet is classified Excellent 93-2E. She is homebred on both her paternal and maternal sides (or, "on both sides of her pedigree"). Her sire is Robthom Royal Paddy, a full brother to the 1982 All-American two-year-old Robthom Patty Royal EX 94-2E. Her dam is Robthom Suzzie Star VG-88 GMD DOM.

Rations were balanced closely on the Thomson farm this past year with the help of specialists at the University of Missouri and the farm's feed consultants, according to Alton Ling. The farm's herd average increased dramatically during the year after the ration was balanced, Ling said.

The Robthom Holstein farm has owned Holsteins since 1905. The first registered Holsteins were born on the farm in 1923. The herd became all-registered in 1937. The farm has been on the Holstein Association's DHIR since 1940.

The Robthoms received its first Progressive Breeder Registry Award in 1956, keeping a PBR herd for the past 37 years. The herd has also won the Progressive Genetic Herd Award.

Robthom has developed more than 100

Gold Medal Dams and thirty-seven 200,000-pound milk-producing cows.

Number of Cows Per Herd	59.4
Milk Per Cow (Lbs)	18,522
%-Fat	3.65
Fat Per Cow (Lbs)	676
%-Protein	3.18
Protein Per Cow (Lbs)	589
Average Days in Milk Per Cow	317
*Value for CWT Milk(\$)	12.71
*Value for CWT Grain(\$)	7.89
*Value for CWT Hay(\$)	4.21
*Value for CWT Silage(\$)	1.50
*Value for Pasture Per Day(\$)	.28
*Value for Milk Per Cow Per Year(\$)	2,355
*Feed Consumed Per Cow Per Year(Lbs)	
A: Grain	7,407
B: Hay	2,224
C: Silage	15,210
D: Day Pasture	55
*Feed Cost Per Cow Per Year(\$)	
A: Grain	585
B: Hay	93
C: Silage	229
D: Pasture	16
*Total Feed Cost Per Cow Per Year(\$)	924
*Income Over Feed Costs Per Year(\$)	1,431
*Grain to Milk Ratio	1:2.5
*Feed Cost Per CWT Milk(\$)	4.99
Avg Level For 984 SCC Herds	333,590

*Member-generated figures

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 this 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 - 2.67 BU. 4.78 CWT.
Wheat, No. 2 - 3.14 BU. 5.24 CWT.
Barley, No. 3 - 1.87 BU. 3.99 CWT.
Oats, No. 2 - 1.53 BU. 4.76 CWT.
Soybeans, No. 1 - 6.02 BU. 10.05 CWT.
Ear Corn - 72.72 TON 3.64 CWT.
Alfalfa Hay - 113.75 TON 5.69 CWT.

RELATIVE FEED VALUES: Multiple Feedstuffs

Shelled Corn Per Bushel -----> \$2.88 FARM price
48% Soybean Oilmeal Per Ton-----> \$243.50 MILL price
as of Nov 9, 1993

Crop/Feedstuff	Relative Feed Value	DM %	Lbs Per Unit	% CP (dry matter basis)	% TDN
Table 1. Grains					
1 EAR CORN	92.57 Per Ton	85	2000	9.0	80.0
2 EAR CORN, high moisture	67.68 Per Ton	65	2000	9.0	75.0
3 CORN, shelled, high-moisture	83.07 Per Ton	72	2000	10.0	83.0
4 OATS, spring	1.69 Per Bu	90	32	12.5	76.0
5 BARLEY, winter	2.76 Per Bu	89	48	13.9	83.0
6 WHEAT, winter	3.23 Per Bu	86	60	11.4	88.0
7 SORGHUM, grain	2.81 Per Bu	89	56	10.1	80.0
8 SOYBEANS, whole	6.48 Per Bu	90	60	41.7	94.0
Table 2. Supplements & Extenders					
9 CANOLA MEAL	200.20 Per Ton	92	2000	40.8	74.0
10 COTTONSEED MEAL	10.79 Per Cwt	93	100	44.0	77.0
11 Whole COTTONSEED, with lint	154.01 Per Ton	92	2000	21.0	96.0
12 BREWER'S GRAIN, wet	38.79 Per Ton	24	2000	27.1	67.0
13 BREWER'S GRAIN, dried	147.80 Per Ton	92	2000	27.1	66.0
14 DIST CORN GRAIN, dried	165.42 Per Ton	93	2000	27.1	84.0
15 CORN GLUTEN FEED	7.58 Per Cwt	90	100	25.0	82.0
16 WHEAT BRAN	5.67 Per Cwt	89	100	16.8	70.0
17 WHEAT MIDS	6.33 Per Cwt	90	100	17.8	80.0
18 BEET PULP, dried	4.84 Per Cwt	91	100	8.8	78.0
Table 3. Hay					
19 LEGUME	108.03 Per Ton	87	2000	19.3	57.2
20 MIXED, mainly legume	102.33 Per Ton	87	2000	17.4	57.5
21 MIXED, mainly grass	84.30 Per Ton	88	2000	12.0	55.0
22 GRASS	80.45 Per Ton	89	2000	10.5	55.0
Table 4. Silages					
23 CORN	32.82 Per Ton	34	2000	8.8	67.8
24 LEGUME haycrop	57.45 Per Ton	47	2000	19.4	54.8
25 MIXED, mainly legume	52.99 Per Ton	46	2000	17.5	54.6
26 MIXED, mainly grass	41.97 Per Ton	43	2000	13.3	52.0
27 GRASS, haycrop	36.79 Per Ton	40	2000	12.0	51.0
28 SMALL GRAIN	41.16 Per Ton	37	2000	13.9	64.0
29 SORGHUM SUDAN	34.53 Per Ton	34	2000	11.5	62.9

Prices listed are the value of those feeds relative to the amount of corn and soybean meal it would take to supply the same amounts of PROTEIN and TDN. The prices are based on what mills are paying for your corn and what you would have to pay for their soybean meal. Call the Extension office if you want to check relative prices at different feed analyses or corn and soy meal prices. Let us know if there are other feeds for which you want to know the relative feed value.
Program by W. K. Waters Dept. of Ag. Econ. & Rural Soc. Penn State

CREUTZBURG

Supply

COMPLETE ANIMAL CLIPPER SERVICE

SALES • PARTS • SERVICE


Oster • Stewart • Sunbeam

24 Hour Turnaround On Blade Sharpening

We also sharpen sheep shear blades

3337 Lincoln Hwy East, Paradise, PA 17562
717-768-7181 • (FAX) 768-7006
HOURS: Mon.-Fri. 7:30-5
Sat 7:30-12 **800-233-0331**

We Ship UPS Daily
Call For Our Free
Livestock Supply Catalog



MAHONING OUTDOOR FURNACES

"The Natural Way To Heat Your Home"

Burns Coal, Wood, Oil or Natural Gas
FUEL USED IN STANDARD UNIT: WOOD & COAL & WOOD BY-PRODUCTS (SAWDUST, PAPER, ETC.) FUEL USED IN MULTI-FUEL MODEL: SAME AS ABOVE INCLUDING OIL, PROPANE, NATURAL GAS

Efficiency Rating 83% to 85% - Cut Emissions by 90%
3 Year Warranty Except Electrical Components (1 Year) -
35 Years Heating Experience

PROUDLY BUILT IN INDIANA COUNTY, PENNSYLVANIA
200,000 - 500,000 BTU 36"-60" Fire Boxes

★ The only outdoor furnace made with a Catalytic Combuster. ★
Mahoning Catalytic Combuster Will Help In The Following Ways:

1 Burn one cord of wood which equals 166 gallons of oil	4 You get more heat from a log compared to the non-cat. furnace
2 Your fuel source becomes enormous inexhaustible and poses few risks to public safety	5 More burn time - less reloading time!
3 Over all efficiency of 85% which means the heat no longer goes up the chimney!	6 Zap 90% of pollutants made from fire source
	7 Saves you a lot of money!
	8 User friendly, emits no smoke!

CLYDE K. ALDERFER (717) 539-8456
Box 246, Rt. #1, Mt. Pleasant Mills, PA 17853

CONTACT US

For

- DOUBLE CHAIN PIT ELEVATORS
- HYD. TILT AVAILABLE
- COMPACT ROTO BEATERS
- WISCONSIN & ALLIS CHALMER POWER UNITS
- HAND-O-MATIC BUNK FEEDERS
- COMBINATION MOWER AND CRIMPER UNITS
- 455 AND 456 MOWERS
- NEW IDEA CRUSHERS
- LARGE SHOP LATHE
- 40 TON PUNCH PRESS
- CRIMPING ROLLS TO FIT YOUR NEW IDEA CRUSHER


SMUCKER

WELDING & MANUFACTURING
2110 Rockvale Road, Lanc., PA 17602

CHORE-TIME

POULTRY PARTS IN STOCK

See Us For Your Parts And Repair Needs.



- Augers
- PVC Tubing
- Boots
- Hopper Switches
- Bins
- Fill Pipe
- Fill Elbows
- MOTORS
- Direct Drive
- Belt Drive

We Ship UPS

Check Our Warehouse Prices 24 Hour Service

Swine & Poultry Systems Specialists

FARMER BOY AG.

410 E LINCOLN AVE MYERSTOWN, PA 17067

Hours: Mon.-Fri. 7:00 to 5:00; Saturday 7:30 to 11:30 **PH 717-866-7565**