

PaDHIA Offers New Nutritional Program

SCHEDULE OF EVENTS FOR PA. DHIA	
Aug 15	Exhibit, State Holstein Picnic, Evergreen Farms, Huntingdon County
Aug 18 - 20	Ag Progress Days, Rock Springs, PA
Sept 7	Service Center Closed - Labor Day Holiday
Sept 15	DRPC Advisory Committee Meeting, State College
Sept 17	Lycoming County Committee Meeting
Oct 7 - 8	PA DHIA State Board of Directors, State College
Nov 11 - 12	North East Caucus Meeting of National DHIA, Mid-East DHIC
Nov 26	Service Center Closed - Thanksgiving Holiday
Dec 25	Service Center Closed - Christmas Holiday
1993	
Jan 6 - 7	PA DHIA State Board of Directors, Erie
Jan 26	Central District, Family House, Mifflintown 9:30 AM - 3:00 PM
Feb 8	Southeast District, Berks Co. Ag. Center, Leesport 9:30 AM - 3:00 PM
Feb 10	Southwest District, Ramada Inn, Somerset 9:30 AM - 3:00 PM
Feb 11	Northwest District, Venango Co 4-H, Franklin 9:30 AM - 3:00 PM
Feb 12	Northeast District, Towanda Elks Club, Towanda 9:30 AM - 3:00 PM
Mar 19 - 20	1993 Annual Meeting, Pittsburgh area (* All members are invited to attend.)
Mar 19 - 20	PA DHIA State Board of Directors, following Annual Meeting, Pittsburgh
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

RICHARD ADAMS
PSU Dairy Specialist
STATE COLLEGE (Centre Co.) — Both ration evaluation and feeding recommendations are now available to DHI members through a new nutrition program offered on an optional basis at a moderate charge.



How Does Your Herd Compare?

STATE COLLEGE (Centre Co.) — This data is 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 almost 1,400 herds across the state.

DHIA Averages for all herds processed between 7/26/92 and 8/02/92

Number of Herds Processed	993
Number of Cows Processed	59,318
Number of Cows Per Herd	59.7
Milk Per Cow (Lbs)	18,549
%-Fat	3.73
Fat Per Cow (Lbs)	691
%-Protein	3.17
Protein Per Cow (Lbs)	589
Average Days in Milk Per Cow	317
*Value for CWT Milk(\$)	13.10
*Value for CWT Grain(\$)	7.85
*Value for CWT Hay(\$)	4.57
*Value for CWT Silage(\$)	1.56
*Value for Pasture Per Day(\$)	.28
*Value for Milk Per Cow Per Year(\$)	2,430
*Feed Consumed Per Cow Per Year(Lbs)	
A: Grain	7,249
B: Hay	2,404
C: Silage	14,856
D: Day Pasture	57
*Feed Cost Per Cow Per Year(\$)	
A: Grain	569
B: Hay	109
C: Silage	232
D: Pasture	16
*Total Feed Cost Per Cow Per Year(\$)	927
*Income Over Feed Costs Per Year(\$)	1,502
*Grain to Milk Ratio	1:2.5
*Feed Cost Per CWT Milk(\$)	5.00
Avg Level For 838 SCC Herds	367,915
*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 - 2.76 BU.	4.94 CWT.
Wheat, No. 2 - 3.10 BU.	5.18 CWT.
Barley, No. 3 - 1.66 BU.	3.55 CWT.
Oats, No. 2 - 1.55 BU.	4.84 CWT.
Soybeans, No. 1 - 5.46 BU.	9.12 CWT.
Ear Corn - 80.75 BU.	4.04 CWT.
Alfalfa Hay - 101.00 TON	5.05 CWT.
Mixed Hay - 99.75 TON	4.99 CWT.
Timothy Hay - 95.00 TON	4.75 CWT.

This program was developed with the assistance of dairy nutritionists at Penn State to provide additional nutritional information to DHI members and their consultants.

Nutritional allowances as given in the 1988 NRC primarily are used in this service.

Periodic evaluations may help prevent production or health problems and help in alleviating such problems, including abnormal milk fat or protein tests.

The ration evaluation program indicates how close the nutritional needs of both milking and dry cows are being met by their reported feed intake.

Ration recommendations include the amounts of concentrate to be fed daily as a single concentrate mix or on a two-feed basis (energy and protein supplements). In addition, amounts of top-feed for each cow will be indicated according to rates given by the client.

These recommended amounts of feed also may be used in making a total mixed ration for various groups by choosing levels of concentrate recommended for cows producing 10 to 15 pounds more milk than the group average.

Further, recommended nutrient specifications for balancing concentrates are indicated for crude protein, calcium, phosphorus, magnesium, salt and the desired

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