

Herd And Cow Profiles

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files provide an indication that the data were collected accurately on test day.

Two very important parameters are plotted for the herd. One is the distribution of predicted transmitting abilities (PTA's) on individual cows and the second is the distribution of mature-equivalent (ME) milk yields for all cows over the past year. Cows with extreme PTA deviations and/or those with exceptionally high milk records would be identified on the graph that plots the herds performance.

Much of the information that would be required for a herd profile is already available on the herd summary reports produced routinely by the dairy records processing centers. The same is true for individual cow profiles since most of what is needed is already on the individual cow pages printed by the processing centers.

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There is much discussion as to the relative value of records produced by the various testing plans in use today. Weighting factors will soon be available for milk, fat and protein results that have been collected via different test-day protocols. The traditional twice-a-day milking (with weighing and sampling of the milk at each milking) procedure will likely be given a value of 1.00 if there are 9 or more tests for a 305 day lactation. AM/PM weights would be weighted at something less than 1.00. If they were given a weight

of .90, it would take 11 AM/PM records to equal the value of ten 2X records. Factors will need to be developed for other forms of test such as bi-monthly, AM/PM, AM/AM, or PM/PM and the many variations that are becoming available as alternatives to the 2X test procedure. Recently, there has been interest shown in the use of Owner-Sampler (OS) records for genetic evaluations. AI units have asked DHIA to look at the possibility of including OS records in the sire evaluation procedures. What weight would be assigned to OS records is unknown. At present, one of the problems with OS records is the poor identification of sires and dams. Pennsylvania

OS records have slightly less than 50 percent sire identification while most of the rest of the country is at 40 percent or less. Without the presence and encouragement of the DHIA technician at milking time it is difficult to get dairy producers to take the time and have the interest to write down much beyond the cows barn name or number and her milk weight.

A lot of change is taking place in the DHIA program. Hopefully such change can be accomplished without compromising the accuracy and integrity of the genetic evaluation procedures that have made the U.S. dairy cattle breeding industry number one in the world.

Put Things In Perspective With Herd Summary I Report

DAVID BIGELOW
Training Coordinator

STATE COLLEGE (Centre Co.)—The revision of the Herd Summary I Report has given the PA DHIA membership yet another tool in the everyday management of their dairy farms. This report is similar to the old Herd Summary I; however, the nutrition summaries have been expanded and the report is now a 2 sided report.

A. Test Period Daily Averages

The feeds fed are now summarized by the new feed types, and the amount fed is on a dry matter basis. This same idea carries over into the 365 day testday totals and 365 day rolling totals.

B. Profile Of Cows By Lactation Number

This is new to Herd Summary I and contains nutritional summaries for both milking and dry cows by lactation, contained for each is:

1. Dry matter pounds fed by feed type and total
2. Dry matter fed as a percent of bodyweight
3. (feed) cost per cow
4. Foot note code that is tied to the "ration message" footnote area that appears at the bottom of page 1

5. Body condition averages

Each lactation group also contains number of cows milking, dry, total and test day production statistics.

C. Profile Of Cows By Group Number

This profile appeared on the Old Herd Summary I; however, the nutritional portion has been expanded. Contained for each group and the herd are:

1. Dry matter pounds fed by feed type and total
2. Dry matter fed as a percent of bodyweight
3. (Fed) cost per cow
4. Ration densities on a dry matter basis. a) Dry matter percent; b) Crude protein percent; c) Net energy percent
5. Footnote code that is tied to the "ration message" footnote area that appears at the bottom of page

6. Body condition averages

D. Profile of Feeds Fed
This profile is new to Herd Summary I. It provides for each

feed reported the feed's name, nutrient densities, cost per ctw., amount fed per group and total for the herd. A cross feeds within group totals are also listed.

E. Test Day Somatic Cell Count Summary.

This is new to Herd Summary I and provides a somatic cell count summary for each test during the past year. The shaded line at the top corresponds to the test 1 year ago and the last line printed corresponds to the most recently conducted test.

F. Test Day Herd Inventory

This section is new to Herd Summary I and contains an inventory of animals for each test during the past year. The shaded line at the top corresponds to the test 1 year ago and the last line printed corresponds to the most recently conducted test.

G. 150 Day Adjusted Milk

New to Herd Summary I is the average production at 150 days in milk for cows in milk 305 days or less for each test during the past year. The shaded line at the top corresponds to the test from one year ago and the last line printed corresponds to the most recently conducted test.

H. Rolling 365 Day Average

This section which is also new to Herd Summary I provides a production summary for each test during the past year. The shaded line at the top corresponds to the test from 1 year ago and the last line printed corresponds to the most recently conducted test. Listed for each test is the rolling three hundred sixty-five day average as of that date.

I. Profile Of Herd Inventory & Milk Sales

New to Herd Summary I is a ten month projector. of cows to be milking and dry at the beginning and end of each month. This lists the number of cows and heifers to calve, cows to dry off and an estimated number of cows to be culled (died/sold) each month. A monthly estimate of milk produced, shipped and the income from milk sales is also provided.

J. Herd Dates

These appeared on the old Herd Summary I, but in a different format.

K. Group Milking Times

New to herd Summary I is the summary of the start, stop and midpoint of each groups reported milking times. Milkings that were

sampled are so marked. This section also contains the reported price received for milk and its components.

Currently there is an option to receive this report. Be sure to sign-up for your Herd Summary I Report on your next testday!

DAIRYHERD SUMMARY REPORT																										
A. Test Period Daily Averages										B. Profile Of Cows By Lactation Number										C. Profile Of Cows By Group Number						
Date	Days In Milk	No. Cows	Milk (lb)	Fat (%)	Pro (%)	SNF (%)	Income	Over Cost	Conc	Forage	Forage Subst	IMR	Pature	Conc	Forage	Forage Subst	IMR	Pature	Conc	Forage	Forage Subst	IMR	Pature	Total Cost		
11/29/94	34	630	882	61.8	3.5	3.2	54.5	191	173	7.20	1.41	15.4	24.4	4.98	81	1	1	1	4.98	81	1	1	1	1	5.79	10.62
1/31/95	35	574	838	64.2	3.6	3.1	53.8	192	166	7.08	1.38	14.7	24.3	4.90	80	1	1	1	4.90	80	1	1	1	1	5.70	10.55
2/03/95	31	617	845	66.6	3.5	3.1	56.3	197	175	7.43	2.72	14.8	24.3	4.91	80	1	1	1	4.91	80	1	1	1	1	5.71	10.14
3/15/95	40	562	861	65.3	3.7	3.2	56.2	205	177	7.16	1.41	15.1	24.3	4.95	80	1	1	1	4.95	80	1	1	1	1	5.75	10.23
4/07/95	23	602	882	66.1	3.7	3.2	58.4	207	181	7.99	2.20	15.4	24.4	4.98	81	1	1	1	4.98	81	1	1	1	1	5.79	9.91
5/11/95	34	617	861	70.9	3.4	3.0	61.1	210	186	7.27	1.52	15.1	24.4	4.95	80	1	1	1	4.95	80	1	1	1	1	5.75	9.41
6/20/95	40	624	840	70.1	3.4	3.0	58.9	200	175	7.40	1.70	14.7	24.3	4.90	80	1	1	1	4.90	80	1	1	1	1	5.70	9.68
7/19/95	29	602	844	64.1	3.4	3.0	54.1	184	160	6.46	1.75	14.8	24.3	4.91	80	1	1	1	4.91	80	1	1	1	1	5.71	10.55
8/17/95	29	637	862	65.3	3.3	3.1	56.2	187	166	6.61	1.86	15.1	24.4	4.95	80	1	1	1	4.95	80	1	1	1	1	5.75	10.23
9/14/95	28	621	840	65.2	3.3	2.9	54.7	182	161	6.47	1.77	14.7	24.3	4.90	80	1	1	1	4.90	80	1	1	1	1	5.70	10.12
10/11/95	27	596	871	62.0	3.5	3.0	54.0	188	163	6.36	1.59	15.2	24.4	4.96	81	1	1	1	4.96	81	1	1	1	1	5.77	10.09
11/09/95	29	634	935	61.3	3.7	3.1	57.3	212	180	7.10	1.20	16.2	24.6	5.09	81	1	1	1	5.09	81	1	1	1	1	5.90	10.30
365 Day Rolling Total																										
E. Test Day Somatic Cell Count Summary										F. Test Day Herd Inventory										G. 150 Day Adjusted Milk						
Date	Days In Milk	No. Cows	Milk (lb)	Fat (%)	Pro (%)	SNF (%)	Income	Over Cost	Conc	Forage	Forage Subst	IMR	Pature	Conc	Forage	Forage Subst	IMR	Pature	Conc	Forage	Forage Subst	IMR	Pature	Total Cost		
11/29/94	34	630	882	61.8	3.5	3.2	54.5	191	173	7.20	1.41	15.4	24.4	4.98	81	1	1	1	4.98	81	1	1	1	1	5.79	10.62
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