

On The Record

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PA DHIA General Mgr.



DICK BARTH General Manager, PA DHIA

A few weeks ago I reported to readers that the Pennsylvania and Northeast DHIA boards had adopted a joint resolution to begin charging the dairy industry in 1992 for access to DHIA records. Since then, a considerable amount of discussion has occurred throughout the DHIA membership nationwide, as well as between DHIA's and their sister cooperators in the industry.

All this conversation was good because it created new understanding about the challenges facing DHIA and its members, challenges that didn't exist a few years ago. And, of course, these challenges must be shared with cooperators who use DHIA

Pa. DHIA provides forage testing services through a cooperative effort with the Northeast DHIA forage lab. The analysis form lists the sample results on an "as sampled" basis and also on a "dry matter" basis. It is important to keep in mind that Pa. DHIA processes forage information using the "as sampled" TDN and the "as sampled" moisture.

Although the Northeast DHIA needs are different, Pennsylvania does not calculate records using dry matter results. The complete

records for their businesses.

Following these many conversations, action was taken by the National DHIA board in December to be responsible for this issue nationwide. The board released a statement on December 4, 1990 that you may find interesting. It is reproduced verbatim below:

"National DHIA recognizes that inequities exist in the present funding of DHIA data collection. In order for DHIA to remain current with rapidly advancing technology, it is necessary for allied industry to recognize the value of these data.

"At their December 2-3, 1990 meeting the National DHIA board adopted the following position statement:

"Sufficient additional income

analysis is used by nutritionists, veterinarians, and dairymen for any number of reasons.

With that background as an introduction, the following statistics may prove a valuable resource for some of our readers. Keep in mind that the figures presented here are on a dry matter basis.

There was a total of 717 Pennsylvania forage samples processed in November 1990. For information or assistance, call your local Pa. DHIA supervisor or the DHIA service center at 1-800-344-8378.

must be generated to equitably compensate for the cost of collecting DHIA data and for research, development and education to improve the usefulness of management information for the producer and the dairy industry.

"The National DHIA board believes these issues can be approached with a true cooperative spirit and resolved through successful negotiations. A National DHIA committee has been appointed to negotiate the value of DHIA data with primary users in allied industry."

Negotiations are starting in February in hopes that some progress can be reported to delegates at the National DHIA convention in Baltimore in late March. It's gratifying to see the National Association take leadership on this issue, and your national directors should be encouraged to see this issue through to successful completion.

In spite of the National DHIA action, the Pennsylvania DHIA board chose not to change their previous resolution with Northeast DHIA. Your state directors want action at the national level as soon as possible. And to that end, they left their resolution in place to be acted upon if the national efforts are not successful.

FOCUS

Pennsylvania Dairy Herd Improvement Association

Call 1-800-DHI-TEST for service or information

RELATIVE FEED VALUES: Multiple Feedstuffs PRICE INPUT: as of Jan. 2

Shelled Corn Per Bushel---> **\$2.41**
44% Soybean Oilmeal Per Ton> **\$217.50**

Crop/Feedstuff	Relative Feed Value	@ DM %
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Table 1. Grains

1 EAR CORN	77.29 Per Ton	85
2 EAR CORN, high moisture	56.76 Per Ton	65
3 EAR CORN, bushel basket	1.35 Per Bu.	85
4 CORN, shelled, high-moisture ...	69.68 Per Ton	72
5 OATS, spring	1.45 Per Bu.	90
6 BARLEY, winter	2.37 Per Bu.	89
7 WHEAT, winter	2.72 Per Bu.	86
8 RYE, winter	2.68 Per Bu.	88
9 SORGHUM, grain	2.37 Per Bu.	89
10 SOYBEANS, whole, raw	5.98 Per Bu.	90

Table 2. Supplements & Extenders

11 COTTONSEED MEAL	10.12 Per Cwt	93
12 BREWER'S GRAIN, wet	35.58 Per Ton	24
13 BREWER'S GRAIN, dried	135.71 Per Ton	92
14 DIST. CORN GRAIN, dried	149.27 Per Ton	93
15 HOMINY FEED	4.93 Per Cwt.	91
16 CORN GLUTEN FEED	6.81 Per Cwt.	90
17 WHEAT BRAN	5.00 Per Cwt.	89
18 WHEAT MIDS	5.55 Per Cwt.	90
19 BEET PULP, dried	4.04 Per Cwt.	91

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Forage Testing Services Update

HI-MOIST SHELL CORN

Analysis	Number Of Samples	Average	Normal Range	St. Dev.
Percent Dry Matter	26	76.7	70.5-- 83.0	6.3
Percent Crude Protein	26	9.1	8.2-- 9.9	.9
Percent Available Protein				
Percent Adjusted Crude Protein	26	9.1	8.2-- 9.9	.9
Percent A.D.F.	24	3.2	1.3-- 5.1	1.9
Percent T.D.N.	24	86.8	83.8-- 89.8	3.0

GRASS HAY

Analysis	Number Of Samples	Average	Normal Range	St. Dev.
Percent Dry Matter	64	90.9	89.8-- 92.0	1.1
Percent Crude Protein	64	11.3	8.1-- 14.6	3.2
Percent Available Protein				
Percent Adjusted Crude Protein	64	11.3	8.1-- 14.6	3.2
Percent A.D.F.	64	39.2	35.8-- 42.6	3.4
Percent T.D.N.	64	60.8	58.1-- 63.5	2.7

LEGUME SILAGE

Analysis	Number Of Samples	Average	Normal Range	St. Dev.
Percent Dry Matter	34	45.1	34.7-- 55.6	10.5
Percent Crude Protein	34	21.2	17.9-- 24.4	3.2
Percent Available Protein	34	19.0	15.5-- 22.6	3.5
Percent Adjusted Crude Protein	34	20.1	16.5-- 23.6	3.5
Percent A.D.F.	34	35.7	31.1-- 40.2	4.6
Percent T.D.N.	34	61.4	58.5-- 64.4	2.9

MML SILAGE

Analysis	Number Of Samples	Average	Normal Range	St. Dev.
Percent Dry Matter	66	42.7	30.9-- 54.5	11.8
Percent Crude Protein	66	19.4	15.7-- 23.1	3.7
Percent Available Protein	66	17.1	13.1-- 21.0	4.0
Percent Adjusted Crude Protein	66	18.1	14.1-- 22.1	4.0
Percent A.D.F.	66	36.9	31.7-- 42.2	5.2
Percent T.D.N.	65	61.7	58.1-- 65.4	3.7

MMG SILAGE

Analysis	Number Of Samples	Average	Normal Range	St. Dev.
Percent Dry Matter	51	39.5	28.1-- 50.8	11.4
Percent Crude Protein	51	15.7	11.7-- 19.6	3.9
Percent Available Protein	51	13.2	9.1-- 17.4	4.2
Percent Adjusted Crude Protein	51	14.2	10.1-- 18.4	4.2
Percent A.D.F.	51	40.5	36.3-- 44.8	4.2
Percent T.D.N.	50	59.3	56.4-- 62.2	2.9

GRASS SILAGE

Analysis	Number Of Samples	Average	Normal Range	St. Dev.
Percent Dry Matter	18	36.4	29.2-- 43.6	7.2
Percent Crude Protein	18	13.0	10.2-- 15.8	2.8
Percent Available Protein	18	10.6	7.6-- 13.5	2.9
Percent Adjusted Crude Protein	18	11.6	8.6-- 14.5	2.9
Percent A.D.F.	18	41.7	37.8-- 45.7	3.9
Percent T.D.N.	18	58.8	55.6-- 62.0	3.2

HI-MOIST EAR CORN

Analysis	Number Of Samples	Average	Normal Range	St. Dev.
Percent Dry Matter	37	69.7	64.4-- 75.0	5.3
Percent Crude Protein	37	8.6	7.7-- 9.6	1.0
Percent Available Protein				
Percent Adjusted Crude Protein	37	8.6	7.7-- 9.6	1.0
Percent A.D.F.	37	8.0	4.8-- 11.3	3.2
Percent T.D.N.	37	83.1	77.6-- 88.6	5.5

CORN SILAGE

Analysis	Number Of Samples	Average	Normal Range	St. Dev.
Percent Dry Matter	247	35.8	28.3-- 43.8	7.5
Percent Crude Protein	247	8.8	7.8-- 9.8	1.0
Percent Available Protein	3	6.9		
Percent Adjusted Crude Protein	247	8.8	7.8-- 9.8	1.0
Percent A.D.F.	247	25.9	21.6-- 30.2	4.3
Percent T.D.N.	246	69.9	68.1-- 71.7	1.8

MMG HAY

Analysis	Number Of Samples	Average	Normal Range	St. Dev.
Percent Dry Matter	98	90.4	89.1-- 91.7	1.3
Percent Crude Protein	98	12.0	8.5-- 15.5	3.5
Percent Available Protein				
Percent Adjusted Crude Protein	98	12.0	8.5-- 15.5	3.5
Percent A.D.F.	98	39.7	36.3-- 43.1	3.4
Percent T.D.N.	98	59.8	57.4-- 62.2	2.4

LEGUME HAY

Analysis	Number Of Samples	Average	Normal Range	St. Dev.
Percent Dry Matter	20	89.3	87.8-- 90.9	1.6
Percent Crude Protein	20	19.4	17.3-- 21.5	2.1
Percent Available Protein				
Percent Adjusted Crude Protein	20	19.4	17.3-- 21.5	2.1
Percent A.D.F.	20	32.6	29.6-- 35.5	3.0
Percent T.D.N.	20	63.5	61.6-- 65.3	1.8

MML HAY

Analysis	Number Of Samples	Average	Normal Range	St. Dev.
Percent Dry Matter	56	90.0	88.7-- 91.2	1.3
Percent Crude Protein	56	17.0	14.0-- 20.1	3.0
Percent Available Protein				
Percent Adjusted Crude Protein	56	17.0	14.0-- 20.1	3.0
Percent A.D.F.	56	36.7	32.7-- 40.6	3.9
Percent T.D.N.	56	61.9	59.2-- 64.6	2.7