

Lancaster Co. DHIA

(Continued from Page D4)

Earl R Hursh	R&GrH	39.8	93.3	58.7	3.7	2.17
Jay E. Landis	R&GrH	42.0	93.5	56.5	3.8	2.17
Jacob Stoltzfuz	R&GrH	41.9	100.1	57.3	3.8	2.17
Daniel Stoltzfuz	R&GrH	53.0	87.7	57.1	3.8	2.16
Spring Belle Farm	RH	42.5	90.2	51.5	4.2	2.15
Milky Way Farm	R&GrH	29.7	94.2	57.5	3.7	2.15
Hiram S. Aungst	RH	52.3	93.6	55.4	3.9	2.14
Ru Be Mar Farms	RH	25.3	82.9	54.1	4.0	2.14
Weaver Homestead Fm	R&GrH	83.5	89.7	55.3	3.9	2.14
Ben K. Stoltzfuz	RH	36.1	89.7	59.1	3.6	2.13
Jonas B. Stoltzfuz	GrH	48.4	88.0	52.9	4.0	2.13
Bennie L. Fisher	R&GrH	40.1	93.2	55.2	3.8	2.12
Earl R. Martin	R&GrH	48.4	86.0	50.6	4.2	2.12
Elam P. Bollinger	RH	27.3	93.2	51.1	4.1	2.11
Martin H. Good	RH	47.2	91.3	51.7	4.1	2.11
John Z. Beiler	RH	43.4	93.6	57.1	3.7	2.11
Cedar Fringed Farm	RG	126.1	89.4	40.9	5.1	2.10
Ammon E. Reiff	RH	32.4	102.8	54.7	3.8	2.10
Harry L. Troop	RH	59.3	95.0	53.6	3.9	2.09
Robert Gochenaur Jr	RH	52.1	94.7	62.9	3.3	2.08
Amos E. King Jr	RH	37.0	97.6	56.0	3.7	2.06
A & J. Zimmerman	R&GrH	30.1	82.8	56.0	3.7	2.06
Kenneth D. Myer	RH	70.1	85.1	47.8	4.3	2.06
Carl L. Martin	RH	85.4	94.3	48.0	4.3	2.05
J.R. Metzler & Son	RH	42.1	95.5	53.6	3.8	2.05
Ellis D. Krieder	R&GrH	57.1	86.1	53.2	3.8	2.04
Clyde W. Martin	RH	106.1	92.2	54.9	3.7	2.04
J. Clayton Charles	RH	47.5	95.9	55.8	3.7	2.04
Allen Lee Stoltzfuz	RH	40.1	92.5	55.4	3.7	2.04
John U. Glick	RH	50.3	95.0	52.1	3.9	2.04
Benuel Stoltzfuz	R&GrH	40.4	94.8	54.6	3.7	2.03
Jacob M. Conley	R&GrH	38.0	95.6	52.9	3.8	2.03
Nelson W. Nolt	R&GrH	60.9	91.5	54.1	3.8	2.03
John M. Harnish	RH	172.6	90.8	53.9	3.7	2.02
Fred Crider	RH	6.0	100.0	62.9	3.2	2.02
Willis M. Martin	R&GrH	50.4	92.2	52.8	3.8	2.02
Claire E. Miller	R&GrH	65.0	90.8	52.2	3.9	2.02
Simeon B. Beiler	R&GrH	33.9	93.1	53.8	3.8	2.02
Levi S. Stoltzfuz	R&GrH	44.1	95.0	50.2	4.0	2.01
Robert H. Kauffman	RH	71.1	83.6	57.8	3.5	2.01
Ray P. Bollinger	R&GrH	45.0	97.0	51.0	3.9	2.01
David L. Landis	R&GrH	76.1	92.4	52.8	3.8	2.01
Daniel E. Fisher	R&GrH	46.4	88.4	53.8	3.7	2.01
Meadow Springs Fm	R&GrH	37.9	87.8	51.4	3.9	2.01
C. Stoltzfuz	R&GrH	34.0	94.9	60.7	3.3	2.01
Edgefield Farms	RH	106.0	92.2	51.8	3.9	2.00
Robert L. Shelly	RH	37.9	88.8	50.8	3.9	2.00
J. Ray Ranck	R&GrH	41.4	93.9	46.0	4.3	2.00
Paul E. Martin	RH	41.8	89.5	48.1	4.1	1.99
Earl S. Weaver	R&GrH	54.9	86.9	51.0	3.9	1.99
Paul M. Fahnestock	R&GrH	68.4	93.8	51.9	3.8	1.99
David S. Stoltzfuz	R&GrH	32.0	92.1	57.1	3.5	1.98
D & S. Weaver	R&GrH	47.9	94.6	52.3	3.8	1.98
Harlan W. Hoover	GrH	31.0	85.8	54.3	3.6	1.98
Calvin D. Beiler	RH	47.5	96.8	54.6	3.6	1.97
J. Richard Kolb	RH	67.0	92.5	51.2	3.8	1.97
Noah K. Beiler	R&GrH	41.7	95.9	59.7	3.3	1.97
Samuel I. Esh	RH	41.0	90.7	55.8	3.5	1.96
Emanuel S. Smucker	RH	54.8	90.6	48.9	4.0	1.96
Nelson R. Habacker	R&GrH	68.0	88.7	51.2	3.8	1.96
LeRoy Oberholtzer	R&GrH	48.1	86.7	53.9	3.6	1.96
Harry H. Ranck Jr	RH	53.0	94.9	53.5	3.6	1.95
J. Robert Kindig	RH	57.0	88.3	49.9	3.9	1.95
R. Wenger & D. Hunt	R&GrH	40.4	86.0	48.1	4.0	1.94
Dale & Steve Hershey	RH	56.4	93.0	52.5	3.7	1.94
Aaron K. Stoltzfuz	RH	41.2	86.4	52.3	3.7	1.94
John L. Landis	R&GrH	198.6	88.4	51.0	3.8	1.94
Pequea Meadows Fm	R&GrH	74.2	88.5	50.2	3.9	1.94



Dairy Pipeline

By
Glenn A. Shirk
Extension
Dairy
Agent

Forage Quality - Grab It While You Can!

More cash income and fewer expenses. That is the dream of many dairymen, especially now as costs are escalating and milk prices are leveling off.

Now is an ideal time to focus on producing high quality forages - the kind of forages that encourage

high levels of efficient milk production, and the kind of forages that can help reduce your dependence upon purchased feeds. This won't require much, if any, additional expense, but it will require doing a lot of right things at the right time. So, why not grab this golden opportunity now, while you can?

Ephraim Riehl Jr.	R&GrH	33.1	91.2	48.7	4.0	1.94
Marvin Reed	R&GrH	33.7	89.8	50.2	3.9	1.94
Wilmer G. Kraybill	RH	56.0	92.9	48.6	4.0	1.93
Spring Lawn Farm	RH	135.8	82.9	53.6	3.6	1.93
Earl Smoker	R&GrH	48.9	89.0	54.6	3.5	1.93
J. Wilmer Conrad	RH	41.0	90.2	52.5	3.7	1.93
Kenneth L. Beiler	RH	52.2	88.2	50.5	3.8	1.93
J. Wilmer Eby	R&GrH	76.6	91.2	48.0	4.0	1.93
Ken & Nelson Stoner	RH	87.0	86.9	49.6	3.9	1.93
Paul Rohrer & Sons	GrH	79.9	92.4	51.7	3.7	1.93
John F. Stoltzfuz	R&GrH	32.0	89.2	56.2	3.4	1.93
Elmer M. High	R&GrH	51.0	86.7	53.1	3.6	1.93
Aaron Z. Martin	R&GrH	30.0	80.8	49.2	3.9	1.93
David McMichael	R&GrH	77.9	77.2	50.4	3.8	1.93
Lenewood Farm	RH	69.3	87.0	51.3	3.7	1.92
John S. Nolt	R&GrH	38.1	83.8	47.5	4.0	1.92
G. M. Weaver	R&GrH	32.9	91.9	52.7	3.6	1.91
Charles Smith	R&GrH	70.9	92.1	48.2	4.0	1.91
Kenneth G. Groff	R&GrH	51.1	92.8	51.8	3.7	1.91
T & J Harnish	R&GrH	69.2	86.1	50.0	3.8	1.91
C. Victor Groff	R&GrH	99.0	86.4	49.7	3.8	1.91
Meadow Vista Farm	RH	143.2	91.4	54.5	3.5	1.91
Christian Becker	R&GrH	37.2	98.0	47.6	4.0	1.91
Roy H. & Ruth H. Book	RH	47.0	92.6	48.4	3.9	1.90
John O. Stoltzfuz	R&GrH	35.1	92.7	47.6	4.0	1.90
Ferncrest Farm	R&GrH	49.4	91.7	44.1	4.3	1.90
Sandy Hollow Farm	R&GrH	37.1	96.1	54.5	3.5	1.90
Bart Del Farm	RH	25.6	85.8	50.7	3.7	1.90
King-Ridge Farm	RH	37.4	91.8	59.3	3.2	1.90
Swaying Maple Farm	R&GrH	38.0	96.4	47.5	4.0	1.90
Shoemaker Bros. Farm 1	RG	48.4	95.2	39.4	4.8	1.90
Ammon E. Reiff	RH	32.7	95.3	48.9	3.9	1.90

Lancaster Farming, Saturday, May 23, 1981-D15

Stage of maturity is the single, most important factor-affecting forage quality. For top quality, alfalfa should be cut at the bud stage of maturity, grasses in the boot stage, rye in the late boot stage (already past), and barley, oats and wheat in the early head stage. Small grains are lowest in nutrient content in the milk stage, but increase again in the soft dough stage. Beyond these stages of maturity, which are ideal for top nutritive value, you start substituting yield for nutrient content. So, you have to determine which is most crucial for your particular situation.

If you have top producing cows you'll probably want the best quality forages possible; otherwise, you'll sacrifice milk production, and that can really bite into your profits. For average producing cows you can probably tolerate average quality forages. This may allow you to harvest at slightly later stages of maturity in the interest of increasing tonnage and nutrient yield per acre. Most farms can utilize a variety of forages to good advantage - top quality forages for the early lactation cows and lower quality forages for the "tail-enders", dry cows and heifers.

Moisture Content

The second most important factor affecting quality is moisture content at time of harvest; it affects fermentation, "keeping" quality, palatability and feeding value. Hay can be baled loosely at about 20-22 percent moisture. Below this level, leaves shatter much more readily, and the leaves contain most of the nutrients. Above this level, the risk of spoilage and spontaneous combustion increases.

The use of preservatives enables farmers to bale hay at a higher moisture content. Hay can be cut earlier, at a more ideal stage of maturity, even though weather conditions are less than ideal. Even under good drying conditions, using preservatives and baling at higher moisture levels,

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Use the Profit-Making Genetic Power of Mariner and Boots



15H202 Elmsmith Marcus MARINER — VG
54 Daus. in 44 Herds Ave. 17,437M .3.5% 603F
Predicted Difference (75% rpt.) +1,537M +\$149 +28F
10 Daus. Cl. 76.6 (act.) 79.1 (age-adj.); +.39 PDT
Type Strengths: rear udder, legs & feet, and rump
Sire: Harborcrest Marcus — GP & GM
Dam: an EX-3E Jerry dau. with rec. to 24,564M & 784F



15H203 Sweet-Haven Lochinvar BOOTS — VG
81 Daus. in 48 Herds Ave. 17,487M 3.6% 623F
Predicted Difference (79% rpt.) +1,202M +\$123 +26F
19 Daus. Cl. 77.8 (act.) 80.2 (age-adj.); +.26 PDT
Type Strengths: body strength, fore udder, rear udder, teats, and rump
Sire: Paclamir Bootmaker — EX & GM
Dam: VG Skylark dau. with rec. to 30,100M & 1,011F

(January/81 USDA Production and January/80 HFA Type Summaries)

Our Daily Holstein Selection Includes:

- 23 bulls with milk PD over +1,000
- 27 bulls with value PD over +\$100
- 7 bulls with +PD for % test
- 34 bulls with at least 70% repeatability
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