

Facts Dairymen Should Know

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supplemented with a simple concentrate mixture

Testing cows on DHIA or Owner-Sampler to find those cows that should be culled and then selling them

Raising their replacements from sires who have daughters that produce more milk than their herdmates

Following a preventive health program to improve udder and reproductive health

Select The Best Dairy Bulls

In theory, genetic improvement in milk yield could equal 2 percent of the average production per cow per year. This is about 250 pounds of milk and 10 pounds of milk fat per year. In fact, Pennsylvania herds are averaging about one-half of this potential annually

One of the major reasons we fall short of the maximum potential is that the bulls that sire the future herd sires are not always picked on their ability to improve production. Yet choosing the best production bulls to sire the next generation of young sires is the single biggest factor for genetic improvement.

Recent USDA studies checked the performance of 19,000 sire-son pairs in the five major dairy breeds. The Predicted Difference (PD) values for milk and fat for the sires was correlated with the comparable data on their sons. This information and other studies have shown that high PD bulls sire a higher percentage of sons with high PD's. Most dairy geneticists agree that using bulls with PD's for milk of plus 500 lb or more to sire future bulls is a realistic standard.

Some dairymen pick herd bulls on the dam's production record. While this is a step above random choice, selection pressure on sires is the best route towards developing future top sires that will generate greater production and income.

New License Plates

Pennsylvania motorists will soon be receiving their first new license plate in six years. Edward A. Hitchin, the Pennsylvania Department of Transportation's Deputy Secretary for Safety Administration, announced that mailing of applications for 1971 registration of approximately five million passenger cars, station wagons, motorcycles, farm and industrial tractors by the Bureau of Motor Vehicles got underway January 20.

The attractive new aluminum plates, inscribed with the word, "Pennsylvania" carries the slogan, "Bicentennial State '76," at the bottom. The Liberty Bell is featured in the center of the plate, separating the letters and numbers.

The Bureau will begin issuing the new plates as soon as the applications are returned, accompanied by the appropriate fee and compliance with a few simple instructions.

Nevin I. Benner, Director of the Bureau, who had some advice to owners of vehicles in those categories for which the new plates will be issued to avoid delay, called attention to the fact that the 1970 registration for these vehicles will expire at midnight, March 31. It will be permissible to attach the new plate after March 15.

Fiscal Year

A fiscal year is any 12 consecutive months used as a period of financial accounting by an individual or a corporation. It may or may not coincide with the calendar year.

DHIA MONTHLY REPORT

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Name	Breed	Days On Test	No. Cows	% Cow Days In Milk	Milk Lbs.	% Test	Fat Lbs.
LeRoy M Oberhoffer	GrH	5-5	305	16,441	38	621	
Cindy Beck	RH	4-2	305	17,509	35	620	
Nelson E Martin	RH	11-11	305	16,581	37	620	
Arlene S Longenecker	GrH	7-2	305	16,391	38	619	
Paul S Haining	RH	10-11	305	16,715	37	617	
Melvin R Eby	RH	9-0	305	15,964	39	615	
Ann Fuda	RH	5-1	295	18,904	32	614	
Martin E Ressler	RH	6-2	295	17,840	34	614	
Harold M Shenk	RH	8-1	305	16,592	37	614	
Beth Ben K Stoltzfus	RH	6-11	277	15,927	38	610	
Edna 5	GrH	4-3	305	16,613	36	606	
Bethania Farm	GrH	4-0	305	18,881	32	609	
P Robert Wenger	RH	4-3	305	15,500	39	607	
Daisy David S Huber	RH	5-0	296	13,486	45	607	
Beulah Cedar Fringed Farm	RG	8-6	305	11,718	52	607	
Daphne Kenneth A Skiles	GrH	9-0	305	15,897	38	605	
Pat J Z Nolt	RH	6-7	300	15,903	38	604	
Diz J Mowery Frey	RH	4-2	305	13,338	45	604	
Wendy Trimble & Hanks	RJ	8-4	305	10,229	59	601	
5 Pride							

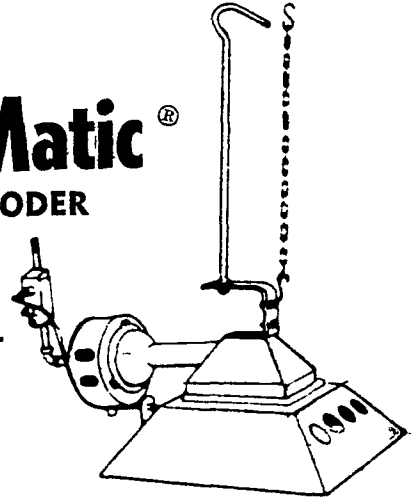
HIGH DAILY BUTTERFAT AVERAGES

Name	Breed	Days On Test	No. Cows	% Cow Days In Milk	Milk Lbs.	% Test	Fat Lbs.
Curtis E. Akers	R&GrH	29	36.6	97.9	52.6	4.1	2.15
J. Kenneth Hershey	R&GrH	14	42.0	90.5	48.6	3.9	1.89
Rufus G Martin	R&GrH	36	24.3	89.8	49.1	3.8	1.86
Amos & Eleanor Hershey	R&GrH	30	28.0	80.7	39.9	4.6	1.85
John B Groff	R&GrH	29	58.9	96.1	47.0	3.9	1.84
Robert T Bowman	R&GrH	30	35.8	96.9	48.9	3.8	1.84
John P. Lapp	R&GrH	31	29.0	94.0	47.3	3.8	1.80

Name	Breed	Days On Test	No. Cows	% Cow Days In Milk	Milk Lbs.	% Test	Fat Lbs.
J Z Nolt	RH	34	35.1	83.3	47.9	3.8	1.80
M Irvin Eberly	R&GrH	30	30.0	91.4	45.5	3.9	1.77
John Omar Stoltzfus	R&GrH	28	36.3	84.4	45.8	3.8	1.75
Raymond M Hoover	Mix	28	58.9	92.9	52.3	3.3	1.75
Allen Lee Stoltzfus	RH	30	33.4	90.3	45.2	3.8	1.74
J Mowery Frey	R&GrH	33	39.7	89.0	43.3	4.0	1.74
Hiram S. Aungst	RH	29	43.4	89.4	46.9	3.7	1.72
Allan R. Shoemaker	R&GrH	28	43.6	92.9	44.8	3.8	1.72

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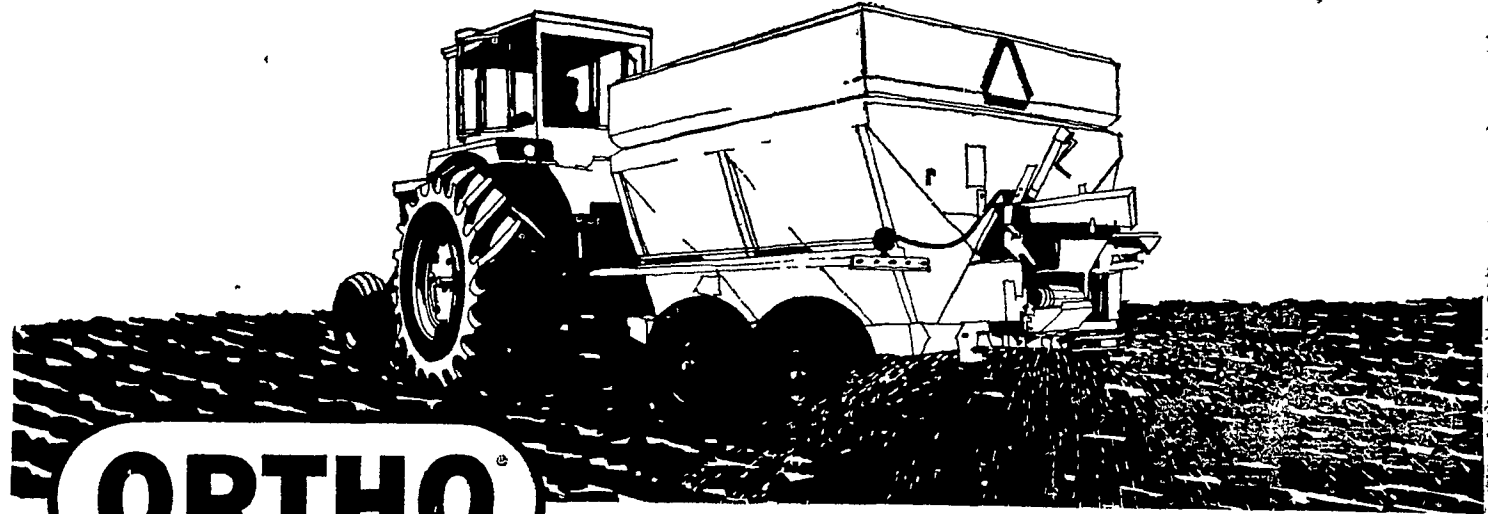
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