



Chester County Dairy Milk Lines
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and/or mastitis due to the stress that the cows are experiencing. However, there are many other factors that could cause these

problems.
If stray voltage is suspected, a test should be conducted by the dairy's fieldman, a milking equipment technician, a knowledgeable electrician, or an extension agent.
This can be done with a regular voltage meter testing between an independent ground rod and the main panel's ground wire, or by using a recording meter that will

plot the voltage over a period of 5-7 days. If voltage is consistently over 1 volt, further tests should be done to pinpoint the source.
Very often the source is an on-farm problem due to poor or corroded connections and/or poorly grounded circuits. The power company may be the source when the farm is a distance from the power company's substation and

when there have been too many new homes or businesses recently added to an undersized neutral line.
Stray voltage is sometimes like a ghost — here today, gone tomorrow,

row, and then returning at a later date. If some of the symptoms discussed earlier occur, have your system checked, but also look for other possible causes for your problems.

AJCA Awards Research Grants

REYNOLDSBURG, Ohio — At their March 1996 meeting, the board of directors of the American Jersey Cattle Association awarded \$42,000 to finance eight Jersey-related research projects.
Funding was made available from interest income of the AJCC Research Foundation.
Qualifying proposals were selected from a field of 18 based on their relevance to Jersey research priorities.
Those priorities included nutrition of high-producing Jerseys (particularly practical feeding methods to maximize production of valuable milk components); factors affecting yield of products manufactured from Jersey milk; factors affecting net income, longevity, and lifetime profit; optimal young sire usage; biological and economic efficiencies of Jerseys; and factors affecting management of Jersey calves.
Researchers and their respective institutions will receive the designated funds to conduct the investigations. The recipients are listed by name of researcher, institution, project and amount the AJCA is contributing.
Bell, Alan W., Hollis N. Erb and Buzz W. Burhans, Cornell University, Ithaca, NY. The Association of Parturient Diet and

Postcalving health and Yield: An Examination of Jersey and Holstein Breed Differences. \$9,000.
Dentine, M.R., The University of Wisconsin, Madison, WI. Frequency Estimation of k-Casein Alleles in Jersey Cattle. \$4,650.
Goff, Jesse P. and Ronald L. Horst, Metabolic Diseases and Immunology Unit USDA, Agricultural Research Service, National Animal Disease Center, Ames, IA. Calcium Propionate as a Feed Additive to Combat Ketosis and Subclinical Hypocalcemia. \$6,350.
Hemken, Roger, University of Kentucky, Lexington, KY. Copper Toxicity Work. \$5,000.
James, R.E., G.L. Bethard, and M.L. McGilliard, Virginia Tech, Blacksburg, VA. Influence of Parturient Crude Protein and Rumen Undegradable Protein Level on Postpartum Performance of Jersey Cows and Heifers. \$7,500.
McDaniel, Ben T., John C. Wilk, North Carolina State University, Raleigh NC and Cari W. Wolfe, American Jersey Cattle Association, Reynoldsburg, OH. Searching for Important Genes in Jerseys. \$3,500.
McDaniel, Ben T., John C. Wilk, North Carolina State University, Raleigh, NC and Cari W.

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Chester County DHIA
March 1996
Cows producing over 800 lbs. protein are:

Name	Breed	Age	Milk	Fat	Pro
Don Gable					
Missy	A	4-07	24,525	880	813
Ken & Marilyn Umble					
#Queen	H	4-05	30,142	1041	969
Rita	H	3-04	28,428	847	821
Gerald L. Kulp & Sons					
241	H	5-04	26,531	768	855
Swan Best Dairy					
86	H	4-05	25,838	938	818
Neal & Lou King					
Gay	H	3-04	25,255	827	816
Waimore Inc. #2					
2047	H	3-01	26,565	805	812
378	H	4-05	30,635	979	824
Levi S. King					
Joyelyn	H	4-04	26,306	782	804
Harold & Glenn Ranck					
Kay	H	3-06	28,328	1104	884
Dunwood Farm					
Natalie	H	4-02	31,194	1108	980
Jamie	H	4-00	31,112	1182	980
Vera	H	3-02	25,492	925	848
Gideon Stoltzfus, Jr.					
Ava	H	4-00	29,513	815	833

Tim & Phyllis Barlow					
Rae	H	4-10	26,867	1062	823
Ethel	H	0-00	24,722	733	821
Joy-Wil Farms					
29	H	3-02	26,848	945	809
Century Oaks Farm					
Lil	H	3-04	24,268	1000	854
Herman Stoltzfus					
Ember	H	4-05	23,935	942	808
Ethel	H	3-02	24,413	894	815
David K. Stoltzfus					
14	H	6-07	24,896	824	829
21	H	3-07	26,786	720	802
Thunder Valley Farm					
57	H	4-06	25,760	1063	870
Mark & Melody Stoltzfus					
Gloria	H	3-11	26,502	905	855
George Strutynski & Sons					
69	H	7-05	25,372	876	816
New Bolton Center					
193	H	3-03	31,980	930	854
Melwood Farm					
Petunia	H	3-01	28,808	1138	834
Nolan King					
Marsha	H	4-03	26,497	1124	853
Break-A-De Farm					
196	H	4-04	30,744	1022	939
35	H	3-04	25,309	1233	938
Pei Valley Farm					
26	H	0-00	27,660	864	869



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- 28 Ayrshires 13,655 lbs. RHA, 548 F, 463 P 1/3/95 ~ 16815 lbs. RHA, 592 F, 570 P 1/4/96
- 46 Holsteins 17,555 lbs. RHA, 647 F, 572 JP 1/6/95 ~ 20,364 lbs. RHA, 656 F, 656, P 2/2/96

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- ◆ **Is it corrosive?**
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