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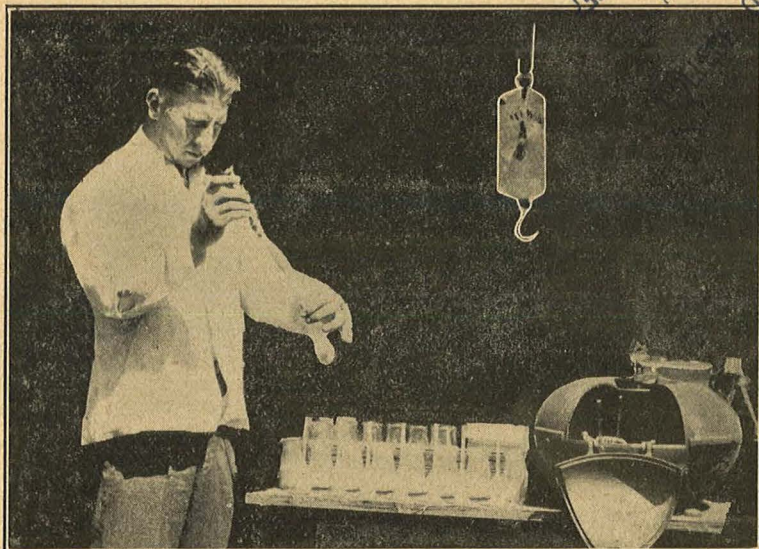
THE UNIVERSITY OF NEBRASKA
AGRICULTURAL COLLEGE EXTENSION SERVICE

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Extension Circular 623

Dollars—Not Doubt
Nebraska Cow Testing Facts

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Dollars — Not Doubt

NEBRASKA COW TESTING FACTS

By M. L. FLACK

One hundred thirty-five Nebraska farmers have already decided to take the doubt out of dairying by becoming members of cow testing associations. These farmers make up the six associations now in operation in Nebraska. Three of the associations have been operating for a year or more, and have definite results to show. The remaining three, alto new, have attained marked results from month to month.

The six associations have culled and sold for slaughter 289 head of cull cows. These culls or their calves will no longer be a menace to their owners or parties who might have purchased them.

As many as fifty pure bred bulls have taken the place of scrub bulls and inferior pure bred bulls. Many other improvements on feeding and management have been the results of testing.

Following is a list of associations:

Name	No. Cows	Tester
1. Douglas County Cow Testing Association	450	J. T. Pierson
2. Tri-County Cow Testing Association.....	387	R. A. Martin
3. Lancaster-Seward County Association.....	475	Geo. Pfeiffer
4. Tri-State Cow Testing Association.....	300	Lawrence Gustafson
5. Omaha Milk Producers Association.....	550	Charles Everett
6. Saunders County Cow Testing Association	300	Clarence Meyer

Total cows.....2462

DOUGLAS COUNTY COW TESTING ASSOCIATION

The oldest association now in operation, with two successful years of testing and improvement passed, now enters on its third year. The progress which is measured by a comparison of the first and second years' reports is very marked. Members of this association have culled 71 cows the first two years, thus increasing their butterfat production 22 pounds for all cows finishing the years' testing. This represented to the twenty-one owners a profit of \$2,481.00. Other improvements in feeding and management have also contributed to the success of this association.

The following table gives a summary of the two years' work:

	1924	1925
Number of cows on test.....	494	604
Number of members.....	23	21
Number of cows completing test.....	258	282
Number of cows sold as unprofitable.....	41	31
Number of cows producing over 500 lbs. fat.....	2	1
Number of cows producing over 400 lbs. fat.....	5	17
Number of cows producing over 300 lbs. fat.....	74	117
Number of cows producing over 10,000 lbs. milk.....	28	36
Average milk produced per cow.....	7,011	7,484
Average butterfat produced per cow.....	260.3	282.6
Number of members feeding balanced rations.....	10	17
Number of members using pure bred sires.....	20	21 or all

Officers of the Douglas County Cow Testing Association are:

President.....	O. M. Boettger	Director.....	H. T. Stoltenburg
Vice-President.....	Chas. Rosacker	Director.....	W. W. Magee
Secretary-Treas.....	Fred Eipperle	Tester.....	J. T. Pierson

One Year Average

NAME	ADDRESS	BREED	No. Cows		Average Herd Production		Return per \$ for feed
			P.B.	Gr.	Milk	Fat	
*Chris Spanggard.....	1724 Reed St.....	Holstein	8	16	11,448	413.4	3.12
*Chas. Rosacker.....	Station B, Omaha.....	Holstein	1	19	9,415	321.6	1.87
John Voss, Jr.....	Chalco.....	Mix	2	16	8,185	316.1	2.31
T. E. Price, Jr.....	Florence Station.....	Holstein	14	14	8,080	284.4	3.05
C. B. Noyes.....	Washington.....	Mix	100	18	7,802	304.3	2.22
Fred Dahmkee.....	Millard.....	Holstein	18	18	7,654	281.4	2.50
*Fred Voss.....	Florence Station.....	Holstein	13	13	7,488	253.9	4.07
*Mrs. C. W. Hickey.....	Bennington.....	Guernsey	10	5	7,092	337.2	4.85
Otto Pfeiffer.....	Elkhorn.....	Holstein	17	17	6,552	240.6	3.86
H. C. Eicke.....	Elkhorn.....	Holstein	14	14	6,444	230.8	2.92
Otto Lebbert.....	Bennington.....	Holstein	15	15	6,427	225.1	2.15
*Otto Boettger.....	Florence Station.....	Mix	4	10	6,427	230.4	4.81
Fred Ohrt.....	Bennington.....	Shorthorn	10	10	6,364	259.0	2.52
J. C. Forberger.....	Elkhorn.....	Holstein	19	19	6,074	230.6	2.94
E. N. Manley.....	Ft. Calhoun.....	Ayrshire	13	3	5,829	237.1	2.72
Speck Brothers.....	Millard.....	Holstein	19	19	5,821	209.2	2.11
*E. P. Whitney.....	Valley.....	Guernsey	1	11	4,824	248.4	6.15
Chas. Grau.....	Bennington.....	Jersey	9	.....	3,684	200.0	3.26

Average for Three Months

Fred Bippeler.....	South Side Station.....	Holstein	19	20	2,234	78.9	1.93
Max Johansen.....	Benson Station.....	Holstein	50	50	2,184	73.9	2.93
Sam Sorensen.....	Benson Station.....	Holstein	33	33	2,156	75.9	1.80
Alfred Madsen.....	62 & Dodge.....	Holstein	46	46	2,037	70.6	2.57
Carl W. Larson.....	Benson Station.....	Holstein	33	33	2,028	71.1	3.27
O. C. Jensen.....	72 & Dodge.....	Mix	50	50	2,028	72.2	2.81
Jacob Sass.....	Chalco.....	Holstein	9	.....	1,924	69.4	2.27
Father Planagan's.....	Benson Station.....	Holstein	24	24	1,829	67.4	2.16
Wm. G. Rice.....	Ft. Crook.....	Jersey	9	.....	1,593	71.5	3.02
Wm. Bloomer.....	Chalco.....	Holstein	3	13	1,511	51.5	2.72
H. T. Stollenburg.....	Florence Station.....	Holstein	14	14	1,492	54.4	6.08
W. W. Magee.....	Bennington.....	Shorthorn	1	7	1,462	60.7	2.37
P. A. Frazier.....	Ft. Crook.....	Holstein	8	8	1,309	47.1	2.83
Chas. A. Reed.....	Washington.....	Mix	9	9	1,056	45.9	2.67
†Henry Holling.....	Millard.....	Holstein	6	13	917	30.1	2.49

* In the Association again this year.

† Average for one month.

TRI-COUNTY ASSOCIATION

The Tri-County Cow Testing Association has just completed its second year's work, the results of which have not been worked up and checked, therefore cannot be put in this record. During the first year 410 cows were on test, 282 of which finished and received a yearly record.

The work of the tester resulted in finding 40 cull cows the first year, and the second year the members' boarder cows were found from month to month.

The first year results of the Tri-County Cow Testing Association are as follows:

Number of members.....	26
Number of cows completing year.....	282
Number of cows sold as unprofitable.....	40
Number of cows producing over 500 lbs. fat.....	1
Number of cows producing over 400 lbs. fat.....	7
Number of cows producing over 300 lbs. fat.....	67
Number of cows producing over 250 lbs. fat.....	126

Average milk produced per cow.....	6,609.9 pounds
Average butterfat produced per cow.....	253.1 pounds
Number of cows producing over 10,000 lbs. milk.....	8
Number of cows producing over 8,000 lbs. milk.....	94
Number of members using pure bred sires.....	All

The officers are as follows:

President.....	Ludwick Uehling	Director.....	Ray Hindmarsh
Vice-President.....	Ed. Parsons	Director.....	Arnold Witt
Secretary-Treasurer.....	E. J. Renard	Tester.....	R. A. Martin

1924 Report

NAME	ADDRESS	BREED	No. Cows		Average Herd Production		Return per \$ for feed
			P.B.	Gr.	Milk	Fat	
Herman Engle.....	Fremont.....	Holstein	7	.....	11,830.0	410.0	1.77
Arthur Wieland.....	Arlington.....	Holstein	14	.....	11,274.0	392.0	2.53
Ludwig Wehling.....	Scribner.....	Holstein	16	.....	10,967.0	395.9	1.86
Fred Engle.....	Fremont.....	Holstein	6	.....	8,590.0	283.4	2.22
Wallace Widener.....	Arlington.....	Holstein	15	.....	8,445.0	327.8	2.10
J. S. Golder.....	Oakland.....	Holstein	6	.....	7,883.0	234.4	1.60
Floyd Gilfrey.....	Arlington.....	Holstein	30	.....	7,737.5	277.5	1.93
A. C. Marshall.....	Arlington.....	Holstein	14	.....	6,708.0	268.3	2.00
Otto Ebsin.....	Fremont.....	Holstein	17	.....	6,696.0	227.6	1.57
Ernest Allen.....	Fremont.....	Holstein	10	.....	6,302.0	231.8	1.76

Average for Eleven Months of 1925

Frank Baltz.....	Fremont.....	Holstein	6	.....	11,583.0	375.9	2.93
Arnold Witt.....	Scribner.....	Holstein	15	.....	9,588.0	327.8	1.68
E. J. Renard.....	Arlington.....	Holstein	20	.....	9,524.0	334.6	2.33
H. Jungbluth.....	Arlington.....	Holstein	20	.....	8,325.1	234.8	3.04
F. W. Brown.....	Arlington.....	Holstein	29	.....	8,276.2	299.8	3.36
Ed. Parsons.....	Valley.....	Holstein	10	.....	8,251.0	287.1	2.55
J. F. McCann.....	Arlington.....	Holstein	6	.....	8,089.6	311.0	2.37
R. Rosenbaum.....	Arlington.....	Holstein	12	.....	8,042.9	301.9	1.51
R. A. Rhea.....	Arlington.....	Mix	14	.....	7,943.5	297.4	2.98
L. Uehling.....	Uehling.....	Holstein	21	.....	7,840.9	269.8	1.89
A. Abrahams.....	Valley.....	Shorthorn	15	.....	7,343.0	281.7	3.70
C. U. Cook.....	Arlington.....	Holstein	25	.....	7,397.0	270.9	3.19
P. Diedrickson.....	Fremont.....	Holstein	10	.....	7,224.5	233.9	2.63
A. H. Jungbluth.....	Arlington.....	Holstein	5	.....	7,068.5	264.5	5.08
R. Hindmarsh.....	Fremont.....	Holstein	7	.....	7,037.5	256.5	4.18
J. M. Compton.....	Blair.....	Jersey	4	.....	6,834.9	358.4	2.55
H. J. Kroeger.....	Fremont.....	Guernsey	16	.....	6,055.4	274.4	1.81
J. P. Rhea.....	Arlington.....	Mix	12	.....	6,045.6	230.8	3.07
John Hooks.....	Blair.....	Jersey	16	.....	6,033.8	301.1	3.53
F. E. Jungbluth.....	Arlington.....	Holstein	10	.....	5,894.1	226.2	3.79
E. M. Miller.....	Kennard.....	Jersey	3	.....	5,857.1	255.3	3.81
T. McMahon.....	Fremont.....	Holstein	17	.....	4,165.0	153.2	2.72

Ten Months Average

J. Kunneman.....	Kennard.....	Holstein	13	.....	7,138.6	270.6	3.75
C. Schulenburg.....	Hooper.....	Guernsey	11	.....	5,396.7	258.6	3.33
Art. Pearce.....	Valley.....	Holstein	31	5,242.0	180.4	3.50

Nine Months Average

F. T. Biffar.....	Kennard.....	Shorthorn	6	4,343.6	177.1	3.74
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Eight Months Average

E. R. Morris.....	Cedar Bluffs.....	Holstein	1	10,265.0	354.3	4.43
Dr. M. McMartin.....	Cedar Bluffs.....	Holstein	4	4,692.3	166.5	3.82

Three Months Average

H. Engle.....	Fremont.....	Holstein	9	.....	3,560.0	121.4	1.99
W. Compton.....	Blair.....	Holstein	9	3,046.5	111.3	6.44

Two Months Average

L. Jespersion.....	Blair.....	Mix	8	1,248.0	43.3	1.37
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LANCASTER-SEWARD COUNTY ASSOCIATION

During the year 523 cows were tested and 46 of these were discarded as unprofitable. Thus 8 per cent of these cows were culls. There were 411 cows completing the test, producing an average of 7,345.3 pounds of milk, and 299.1 pounds of butterfat. This is a remarkable average for the first year's work. This is due to culling and management and cooperation of the members with the tester. On the average, the product was worth \$158.90 per cow and was produced for a feed cost of \$82.87, giving a profit of \$76.03. This association has added a number of good sires and has made barn improvements and are striving to make their dairying a good business.

Some outstanding features are as follows:

Number of cows producing over 600 lbs. fat.....	2
Number of cows producing over 500 lbs. fat.....	9
Number of cows producing over 400 lbs. fat.....	29
Number of cows producing over 300 lbs. fat.....	54
Number of cows sold as unprofitable.....	46
All members feeding balanced rations.	
All herds excepting one are headed by pure bred bulls.	

Officers are as follows:

President.....	A. H. Becker	Director.....	C. E. Olmstead
Vice-President.....	Shelby Ramsey	Director.....	Oscar J. Egger
Secretary-Treasurer.....	F. A. Egger	Tester.....	George Pfeiffer

One Year Record

NAME	ADDRESS	BREED	No. Cows		1925 Average Herd Production		Return per \$ for feed
			P.B.	Gr.	Milk	Fat	
C. E. Olmstead.....	Roca.....	Holstein	15	33	11,574.8	400.9	1.93
Ramsey & Sons.....	Seward.....	Holstein	15	.....	10,037.7	368.4	1.98
Becker's Dairy.....	Lincoln, R. 6.....	Holstein	25	.....	9,708.6	388.5	2.05
O. M. Martin.....	Lincoln, R. 1.....	Holstein	8	.....	9,675.3	347.3	2.12
Paul Tift.....	Milford.....	Guernsey	12	.....	8,109.0	307.8	2.67
O. J. Egger.....	Princeton.....	Holstein	20	.....	8,070.6	287.0	2.06
State Prison.....	Lincoln.....	Holstein	25	.....	7,891.1	288.5	1.40
Walnut Springs.....	College View.....	Jersey	12	.....	7,771.4	372.8	1.88
Leon Egger.....	Hallam.....	Holstein	10	.....	7,459.6	276.6	1.67
State Hospital.....	Lincoln.....	Holstein	45	.....	7,223.7	248.9	1.37
Jos. Rediger, Jr.....	Milford.....	Mix	8	.....	7,118.2	331.1	2.99
C. H. Borgman.....	Denton.....	Holstein	12	.....	6,962.5	247.0	2.37
Hillcrest Dairy.....	College View.....	Jersey	34	.....	6,953.7	338.0	1.93
G. L. Rolofson.....	Lincoln, R. 5.....	Guernsey	13	.....	6,872.0	239.3	2.04
Temple & Son.....	Normal.....	Mix	20	.....	6,710.5	282.7	1.86
F. A. Egger.....	Roca.....	Guernsey	25	.....	6,477.9	298.0	2.11
Geo. K. Welsh.....	Seward.....	Mix	17	.....	6,103.7	243.4	1.85
Home Dairy.....	Seward.....	Jersey	36	.....	5,714.8	252.2	1.59
C. E. Cummings.....	Cheney.....	Mix	17	.....	5,500.0	248.6	2.40
J. W. Simonsen.....	Beaver Crossing.....	Jersey	15	.....	5,230.0	284.2	2.12

OMAHA MILK PRODUCERS ASSOCIATION

This is the second association for Douglas county. It is comprised largely of specialized dairy farms. The owners of these farms retail milk in the city of Omaha. There are twenty-three members with a total of 550 cows. This association started work on November 1, 1925. Each monthly report has been an improvement over the preceding one. Feeding, culling, better sires, and barn improvement constitutes their program for improvement.

The officers are as follows:

President.....H. B. Groebeck Director.....Conrad Anderson
Vice-President.....L. M. Christensen Director.....John Kraetz
Secretary-Treas.....Alfred Neilson Tester.....Charles Everett

Average for Three Months

NAME	ADDRESS	BREED	No. Cows		Average Herd Production		Return per % for feed
			P.B.	Gr.	Milk	Fat	
C. P. Christensen.....	69 & Grover.....	Mix	20	2,461	69.5	1.40	
Alfred Neilson.....	Underwood Dairy.....	Mix	50	2,408	86.4	1.32	
M. Christensen.....	Benson Station.....	Mix	30	2,093	74.3	1.40	
O. C. Jensen.....	72 & Dodge.....	Mix	50	2,043	69.3	1.25	
Johansen & Kraetz.....	72 & Pacific.....	Mix	30	1,974	70.7	1.21	
Aage Pedersen.....	So. Side, R. 5.....	Mix	25	1,798	65.2	1.05	
Eric Westergaard.....	Benson Station.....	Mix	35	1,670	54.3	1.91	
M. R. Groebeck.....	So. Side, R. 5.....	Mix	30	1,642	60.8	1.43	
Conrad Anderson.....	Benson Station.....	Mix	50	1,630	64.3	1.39	
H. B. Groebeck.....	1703 Van Camp.....	Mix	50	1,622	54.5	1.02	
Rasmus Foged.....	So. Side, R. 5.....	Mix	24	1,537	55.9	1.55	
Jens Sorensen.....	Station B, R. 1.....	Mix	25	1,468	47.5	1.17	
Rasmus Norgaard.....	Station B, R. 1.....	Mix	20	1,388	48.9	1.11	
L. M. Christensen.....	Station B, R. 1.....	Mix	20	1,360	47.0	1.21	
K. Christensen.....	So. Side, R. 4.....	Mix	20	1,271	48.6	1.45	
Anker Sorensen.....	Station B, R. 1.....	Mix	50	1,212	43.9	1.60	

TRI-STATE ASSOCIATION

This association has its membership from three states — Nebraska, Iowa, and South Dakota. All corner at Sioux City. It is a new organization, having started work November 1, 1925.

The tester reports improvements along the line of feeding balanced rations, use of better sires, and general management of their herd.

The officers are as follows:

President.....H. C. Ebel Secretary-Treasurer.....C. E. Lower
Vice-President.....L. E. Wilcox Tester.....Lawrence Gustafson

Record for One Month

NAME	ADDRESS	BREED	No. Cows		Average Herd Production		Return per % for feed
			P.B.	Gr.	Milk	Fat	
H. C. Ebel.....	Dakota City.....	Holstein	12	812.4	28.7	2.61	
Campbell Company.....	Walhill.....	Holstein	10	725.0	20.0	1.99	
John Sohn.....	So. Sioux City.....	Holstein	8	672.0	23.6	.69	
C. W. Blessing.....	Dakota City.....	Holstein	15	666.0	24.1	3.56	
John E. Mayberry.....	Thurston.....	Mix	9	599.0	19.0	4.45	
E. M. Blessing.....	Dakota City.....	Holstein	14	598.5	21.9	1.56	
W. W. Beith.....	Dakota City.....	Holstein	7	578.0	19.8	1.32	
G. E. Heikes.....	Dakota City.....	Jersey	11	465.5	20.7	3.50	
John Babier.....	So. Sioux City.....	Mix	8	413.2	17.5	1.09	
Wm. Wingett.....	Walhill.....	Guernsey	7	254.0	14.0	1.74	

SAUNDERS COUNTY ORGANIZATION

This is the sixth association for Nebraska and the fourth one organized in 1925. All members of this association are within the borders of Saunders county. Although this association has been operating only a short time the tester reports better feeding and management. Testing was started on December 1, 1925.

The officers are as follows:

President.....Soren Miller Director.....C. M. Moyer
 Vice-President.....Harry Woodworth Director.....M. J. Fredrickson
 Secretary-Treas.....R. C. Johnson Director.....Herman Reim
 Tester.....Clarence Meyer

Average for Two Months

NAME	ADDRESS	BREED	No. Cows		1925 Average Herd Production		Return per % for feed
			P.B.	Gr.	Milk	Fat	
Fred Engle.....	Fremont.....	Holstein	11	1	3,031.8	109.3	3.52
Herman Engle.....	Fremont.....	Holstein	4	.....	2,840.4	117.8	2.86
Robert Engle.....	Fremont.....	Holstein	21	.....	2,508.6	96.4	1.94
A. B. Stanley.....	Ashland.....	Holstein	8	.....	1,967.3	72.3	3.14
R. C. Johnson.....	Meade.....	Holstein	8	.....	1,944.7	67.3	3.20
Ameil Hledik.....	Wahoo.....	Holstein	7	.....	1,920.0	65.7	4.67
Frank Hledik.....	Wahoo.....	Holstein	25	.....	1,500.0	58.6	3.09
West Side Dairy.....	Wahoo.....	Holstein	5	.....	2,469.7	52.0	4.40
Oren Sanders.....	Ashland.....	Holstein	8	.....	1,449.5	49.7	2.62
J. P. Jensen.....	Cedar Bluffs.....	Holstein	6	.....	1,430.6	58.2	2.70
Henry Jensen.....	Memphis.....	Holstein	8	.....	1,411.5	55.2	6.62
R. Wittmershouse.....	Cedar Bluffs.....	Mix	6	.....	1,389.1	51.3	2.00
M. J. Fredricksen.....	Meade.....	Holstein	9	.....	1,381.4	39.1	2.84
Rudolph Jones.....	Cedar Bluffs.....	Holstein	9	.....	1,358.7	51.2	2.65
Harry Woodworth.....	Wahoo.....	Holstein	8	.....	1,357.7	47.5	4.40
Herman Reim.....	Memphis.....	Holstein	8	.....	1,266.4	52.3	1.37
C. M. Moyer.....	Ceresco.....	Holstein	8	.....	1,213.1	56.9	2.20
Hugh Sanders.....	Ashland.....	Holstein	6	.....	962.5	37.5	1.58
Omar Hall.....	Ashland.....	Holstein	20	.....	920.1	37.6	1.66
Soren Miller.....	Cedar Bluffs.....	Holstein	5	.....	878.6	34.0	1.55
*Frank Case.....	Fremont.....	Mix	9	456.7	19.8	1.83
E. T. Cronk.....	Wahoo.....	Holstein	8	445.1	21.4	1.69

* One month's average.

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