

Continuation of the Slogan Page: Subject This Week, the Great Cow Industry

GOWS THAT NET THEIR OWNERS MONEY GOWS THAT COST THEIR OWNERS MONEY

Record of the Clackamas Cow Testing Association Shows the Cows That Are Profitable and the Ones That Are Boarders and Cost Their Owners Money for the Privilege of Keeping Them

(The following record of the Clackamas Cow Testing association was furnished to The Statesman for this annual Slogan issue by P. M. Brandt, professor of dairy husbandry of the Oregon Agricultural college.)

The Clackamas Cow Testing association has made a very creditable record according to the report filed by C. F. Cairright, their official tester. This association, composed of 30 herds of dairy cattle owned primarily by dairymen in Clackamas county, with a few in Multnomah and Marion counties, had for its officers, J. T. Richey of Boring, president; Clyde E. Ringo of Mulino, secretary treasurer. Six hundred and seventy-nine cows were tested during the year, of which 463 completed the year's work, or were tested nine months or more. Seventy-eight cows were culled out as unprofitable. The average production of 463 cows was 6752 lbs. of milk, containing 303.2 lbs. of butterfat. This is an unusually high record for a cow testing association, and is at least 50 per cent higher than the average of all cows in the state.

The Ten High Cows
Of unusual interest is the difference between the 10 high cows of the association and the 10 low cows. The 10 high cows averaged in production, 12,563 lbs. of milk, containing 552.4 lbs. of butterfat. The average value of this production was \$349.22 per cow. The

average grain cost per cow was \$124.14, leaving a balance above feed cost of \$225.17. On the other hand, the 10 low cows produced only 3072 lbs. of milk, containing 121.4 lbs. of butterfat, valued at \$72.23. Their feed cost was only about two-fifths as much, or \$51.98, but the value of product above feed cost was only \$20.25, or less than one-tenth as much as 10 high cows. This balance for each group represents not only profit on the enterprise, but also must pay for labor and overhead cost such as interest, depreciation, veterinary fees, etc. Under average conditions, according to cost studies, this labor and overhead cost amounts to at least \$75 per

Owner	Address	No. Cows	Breed	Milk	Fat	Av. Lbs. Milk	Av. Lbs. Fat
Drexel White	Woodburn	8	G.H.	9,909	381.9	1238.6	47.7
Henry Anderson	Woodburn	20	R.J.	8,339	371.1	1042.5	41.1
J. Luscher & Son	Fairview	35	R.H.	10,643	353.8	1300.0	44.2
Buxton Bros.	Molalla	19	R.J.	6,330	330.4	831.0	33.4
Martin Rostvold	Woodburn	16	R.J.	6,131	320.4	789.7	30.0
J. R. Kraus	Aurora	10	R.H.	8,903	320.1	1115.2	42.0
Oswego		21	G.G.	7,129	312.9	937.9	35.6
F. H. Greeman & Son	Fairview	15	G.G.	6,593	306.2	807.3	30.8
J. A. & J. T. Richey	Boring	16	R.G.	6,199	305.5	792.7	30.3
Joe Hanson & Bros.	Boring	10	G.J.	5,056	302.4	654.1	29.8

The Ten High Cows
The 10 high cows are as follows:

Name of Cow	Breed	Age	Lbs. Milk	Lbs. Fat	Owner
Sunshine	R. J.	4	12,172	717	W. F. Fisher
Phoebe Veeman	R. J.	4	11,368	599.5	J. Luscher & Sons
Korndyke	R. H.	4	8,322	586.8	W. F. Fisher
Glory	R. J.	5	15,969	581.2	J. Luscher & Sons
Lucy	G. H.	5	15,096	573.0	J. Luscher & Sons
Veeman	R. H.	6	15,567	557.2	J. Luscher & Sons
Aggie	R. H.	7	13,868	532.6	J. Luscher & Sons
Netherland Veeman	R. J.	10	8,614	532.4	W. F. Fisher
Riverdale	R. J.	10	10,985	528.5	G. H. Watts
Trilby	G. G.	7	9,576	525.1	Henry Anderson
Brindle	R. J.	3			
Duke's Maiden	R. J.	3			

The average feed cost per cow was \$75.33, and the average profit above feed cost was \$90.74. The average feed cost of producing 100 lbs. of milk was \$1.11 and for producing one pound of butterfat was 25 cents. Feed cost usually represents approximately 50 per

cent of the total costs of production. The association has reorganized and has already begun a new year of operations. O. K. Beals is tester.

The Two High Herds

The difference between the two high herds and the two low herds was also of interest. The two high herds, containing 16 cows, produced an average of 9,449 lbs. of milk, containing 447.6 lbs. of fat. Their average feed cost was \$104.15, leaving a balance above feed cost of \$153.84. The two low herds, containing 20 cows, averaged 5,582 lbs. of milk, containing 216.3 lbs. of fat. Their average feed cost was \$47.64 and the balance above feed cost was \$70.04. In other words, the two high herds left a balance above feed cost of little more than twice as much per cow as did the two low herds.

The High Herds

The highest producing herd was that of W. S. Fisher of Sandy, Ore. His herd, composed of eight cows, registered Jerseys, produced an average of 8,988 lbs. of milk, containing 510.4 lbs. of fat. The other herds producing over 300 lbs. of fat are as follows:

Owner	Address	No. Cows	Breed	Milk	Fat	Av. Lbs. Milk	Av. Lbs. Fat
W. S. Fisher	Sandy, Ore.	8	J.	8,988	510.4	1123.5	63.8
J. Luscher & Sons	Fairview	35	R.H.	10,643	353.8	1300.0	44.2
Buxton Bros.	Molalla	19	R.J.	6,330	330.4	831.0	33.4
Martin Rostvold	Woodburn	16	R.J.	6,131	320.4	789.7	30.0
J. R. Kraus	Aurora	10	R.H.	8,903	320.1	1115.2	42.0
Oswego		21	G.G.	7,129	312.9	937.9	35.6
F. H. Greeman & Son	Fairview	15	G.G.	6,593	306.2	807.3	30.8
J. A. & J. T. Richey	Boring	16	R.G.	6,199	305.5	792.7	30.3
Joe Hanson & Bros.	Boring	10	G.J.	5,056	302.4	654.1	29.8

OAC HAS BACTERIA FOR THE LEGUMES

Oregon farmers can obtain legume bacteria from the department of bacteriology at the Oregon Agricultural college, according to W. V. Halverson, associate bacteriologist of the experiment station. A large supply of the organisms have been produced by the department during the past winter.

"In limestone regions where alfalfa has been grown and bacteria established in the soil," says Professor Halverson, "legume bacteria seem to remain indefinitely whether alfalfa is grown or not. In soils that are acid or sour the clover and alfalfa bacteria do not flourish, or where a cereal crop has been grown frequent application must be used to produce successful crops of the legume in question."

All legume plants can be inoculated, but bacteria which will produce nodules on the roots of one will not produce on the roots of all others, that is, the bacteria will not inoculate plants outside their particular group. For inoculation purposes plants are divided into the following groups: 1, alfalfa and sweet clover; 2, red clover, alsike, burr and white

clover; 3, garden peas, sweet peas and vetch; 4, soy beans; 5, garden beans and scarlet runner beans.

Bottles of legume bacteria can be obtained from the college for 25 cents a piece. Each bottle will inoculate enough seed for two acres.

WHAT IS A GREAT COW? THIS QUESTION DISCUSSED BY PROMINENT OWNER OF ONE

Poet's Mabel Mowat, Jersey, Belonging to Karl Hanne-mann, Corbett, Oregon, in the Columbia River Gorge, Is Great by a Number of Tests—Before 9 Years Old, She Has Produced More Butterfat Than Any Living Cow of Any Breed, With but Two Exceptions, Both of Her Breed

(Karl Hanne-mann of Corbett, Oregon, one of the outstanding Jersey breeders of this section, happened to be in Salem yesterday, and he was asked by the Slogan editor to answer the question, "What is a great cow?" He answered it by telling about one of his own cows, about as follows:)

The term great is easily abused, but some dairy cows, especially in the minds of breeders of the art, rival the greatness of man. The dairy cow is generally known as the foster mother of man, but individual cows through the displays at livestock exhibitions and performances at the fair under authenticated supervision have gone down in their particular breed history at least with all the honors that many a worthy man has enjoyed, especially before death. Honors from purple ribbons, priceless medals, loving cups, certificates, down to tombstones.

I have in mind particularly a little registered Jersey cow named Poet's Mabel Mowat, owned by myself. Her home, modest, but quite comfortable even in the blustering climate of the Columbia river gorge, where the world's finest scenery may have been an inspiration to this little benefactor of the human race as she may

be seen gazing placidly over the panorama that confronts her when tethered on the green. However her copious yield of golden milk and cream each year brings forth further acclamations from the headquarters of her breed association in New York City, till words seem to fall in description.

Almost at head now Before nine years of age she has produced more butterfat than any living cow of any breed with but two exceptions, both Jerseys and the dead champions hold their titles lightly.

Not alone does the seemingly ceaseless flow of milk and butterfat make popular this cow, but it is the grace and ease with which she does it, she having claimed the title for economical production.

Now making a record far in advance of anything she has yet done and promises well over 100 pounds fat for March, her second month.

Her finest work is not here recorded. In 246 days after a severe attack of milk fever and pneu-

monia she made 525 pounds fat, carrying a calf for all but a few days of the time; the calf that the breeding world scrambled for and which now heads the finest production herd of Jerseys in the state of California.

These are only a part of the proven reproducing powers or achievements of this little cow. Her oldest living son has daughters nearing motherhood, and they are a credit to the breed. What Poet's Mabel Mowat has done in the show ring and at the fair is only a fraction of the wealth that her blood will bring the human race, and in particular the livestock industry. Peculiar, too, that the milk from this cow should have found its way in bottles to the doorsteps of the children of Portland's most prominent families, and when a mother says "My five year old boy looks normal for the first time in his life," after using her milk for a period of but months, then we stop to figure; we hesitate to stoop to think of her in money value.

The Official Record
Poet's Mabel Mowat 479804 wins her third medal of merit as a five year old. She met calving requirements on each of her four R. of M. tests which follow:

Age Class	Milk	Fat	Award
2-3 AA	6839	415.35	Medal of Merit and Silver Medal
3-4 AA	13766	872.03	Medal of Merit and Silver Medal
4-5 AA	13960	869.90	Medal of Merit
5-8 AAA	13212	769.10	Medal of Merit
7-10 AAA	15544	948.25	Medal of Merit
Total	63261	3874.63	
Average	11929	774.93	

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TIME TO PUT OUT ASPARAGUS PLANTS

Asparagus for home or commercial use is planted in Oregon in late March or early April, says the vegetable gardening department of the Oregon Agricultural college. The plants are set out before the crowns have begun to develop into stalks, as these are likely to be broken in transplanting. Mary Washington is a variety widely used. One year old plants are best to set out, with two year old plants next. The larger the plants the greater the ensuing growth. Details of planting asparagus in Oregon have been prepared by the vegetable gardening department of the experiment station in a circular.

The details cover soil preparation, trench digging, depth of planting, setting and covering and distances of setting. The vegetable is one that deserves a place in every home garden, as it adapts itself to a wide variation of climatic and soil conditions. There is no better asparagus than the home-grown that is quickly consumed after harvesting.

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Piles themselves sooner or later become unbearable. Add, then, the suffering from lost vitality, stomach troubles, neuritis, sciatica and epilepsy, which often arise as direct reflex conditions from Rectal and Colon ailments. Piles will not cure themselves; nor will patent medicines or hospital operations give permanent relief. But the famous Dean treatment have cured thousands of the most extreme cases, and I will GUARANTEE in writing to cure yours, or return your fee. Send today for my FREE 100-page illustrated book. It tells how.

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ONE 18 INCH ALL ENAMELED STEEL RANGE Enameled inside and out. No other range like it or equal to it. Regular price \$145. Our special price \$110.00	ONE 18 INCH IVORY ENAMELED ALL CAST RANGE A beautiful stove with every modern improvement. Regular price \$120—our special price \$90.00
ONE GRAY ENAMELED PREMIER BUFFE RANGE Two hole top. Large fire box. Regular price \$96.50—Special \$75.00	ONE GREAT BIG ALL CAST BLUE ENAMELED BANQUET RANGE Just the stove for big family. Regular \$125 special price \$110.00
ONE ALL CAST GRAY ENAMELED DIAMOND RANGE Full weight and full size. Six holes. Regular \$98.50—Special \$75.00	ONE 18 INCH STEEL RANGE Buffe top and key plates. White enameled trimmings. A light range but full size. Regular price \$65—special price \$50.00

REMEMBER THERE IS JUST ONE RANGE OF A KIND. IF YOU ARE INTERESTED PLEASE COME EARLY

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Lot No. 1—Heavy Rome Nickel Plated Copper Tea Kettles, No. 8 size, full weight, not the light 12 oz. kind
Special \$1.35

Lot No. 2—Full size, good grade, well finished Alarm Clocks, for week-end selling
Only 75c

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The Landau Sedan \$1295

While it is true that the Greater Oakland Six is built to a degree of precision once undreamed-of save in hand-built cars—
—while it embodies engineering features found in no other automobile in the world, regardless of price—
—no small part of Oakland's irresistibly spreading popularity can be traced to the universal appeal of Oakland-Fisher bodies.

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For here, in a car of the \$1000 class, are elements of style, items of convenience, and provisions for comfort usually associated with cars costing twice as much!

Duco finishes in modish colors, of course—for Oakland pioneered the use of Duco. Ample leg-room—for a full 113-inch wheelbase permits the proper pitching and spacing of seats. Rich upholstery, attractive appointments, davenport type springs—all these are typical of the features made possible by the economies of General Motors' vast purchasing power. Spend half an hour going over the Greater Oakland Six—and you will clearly understand why its popularity is growing day by day.

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