

Record of Merit is to be based on yearly records only, without restriction as to periods of lactation or the calving of the cows; the tests to be supervised by representatives of State Agricultural Colleges or experiment stations. The tests are to be only for pure-bred, registered cattle, and the applications to be made through the breed associations, the latter to be responsible to the college or station for the cost of supervising the test; length of time for supervision to be 2 days for each month in the year of test, the milk record of owner to be accepted as the record of the year, provided it agrees practically with that taken by the official expert supervisor for the two days each month; the butter-fat record to be determined by multiplying the milk record for each month by the average percentage of butter-fat shown in the tests for the milkings for the two days supervised.

Cows are to be admitted to the register on the performance, including the production of solids not fat, and the complete feeding and breeding performance, including the production of solids not fat, the complete feeding and breeding record to be reported. The minimum standard for mature cows 5 years old or over to be 360 pounds butter-fat, or 10,000 pounds milk. The minimum for cows 2 years or under, 250 pounds butter or 6,500 pounds milk.

For the purpose of estimating the amount of butter produced, the rule provided by the Association of Colleges and Experiment Stations may be followed, viz.: "Add one-sixth of the amount of butter-fat." It is to be understood, however, that, in all records made for or published in the National Dairy Register of Merit, the amount of butter-fat produced, and not the estimate of the butter, will be given. A photograph of the cow tested will be required to be furnished by the owner, to be affixed to the certificate in each case.



Imp. Brookhill Fox 65303.

Jersey bull; born 1901; sire Champion Flying Fox. Sold for \$5,000 at the dispersion sale of the Overton Hall herd, at Nashville, Tennessee, May 12th, 1908.

Gutter	1	
Stall, stanchion, tie	1	
Low-down manger	1	
Smooth, tight walls	1	
Smooth, tight ceiling	2	
Box stall	1	
Light: 1 sq. ft. glass per cow, 2; 2 sq. ft., 4; 3 sq. ft., 6; 4 sq. ft., 8; even distribution, 2	10	
Ventilation: Sliding windows, 2; hinged at bottom, 4; King system or muslin curtain, 8	8	
Stable yard (drainage)	2	
Milk-room.		
Location	6	
Convenience	2	
Free from contaminating surroundings	4	

Convenient	2	
Abundant	2	
Milking Suits	4	
Total	100	

METHODS.		Score.	Perfect. Allowed.
Cows.			
Cleanliness		10	
Stable.			
Cleanliness		12	
Floor		4	
Walls		2	
Ceiling		2	
Ledges		1	
Mangers and partitions		1	
Windows		1	
No other animals in stable		1	
Stable air		4	
Removal of manure		4	
To field or proper pit		4	
30 feet from stable		2	
Cleanliness of stable yard		2	
Milk-room.			
Cleanliness		6	
Care and cleanliness of utensils		10	
Inverted in pure air		2	
Clean (superficially)		4	
Sterilized		4	
Milking.			
Cleanliness		14	
Clean, dry hands		4	
Udders washed and dried		10	
Cleaned with moist cloth		8	
Cleaned with dry cloth		4	
Care of Milk.			
Cooling		20	
Removed from stable immediately after milking each cow and promptly cooled		10	
Cooled to 50° F., or below		10	
51° to 55° F.		8	
56° to 60° F.		6	
Storing		8	
Below 50° F.		8	
51° to 55° F.		6	
56° to 60° F.		4	
Transportation		10	
iced in summer		10	
Jacket or wet blanket in summer		8	
Dry blanket		4	
Covered wagon		2	
Total		100	

Score of methods multiplied by 2=.....
Score of equipment..... multiplied by 1=.....
Totaldivided by 3=.....Final score.

Note.—Deductions may be made for exceptionally bad conditions.

Note.—If the herd has not been tuberculin tested within a year, the limit for the score will be 80.

DAIRY "SPECIAL" FOR SASKATCHEWAN.

The Department of Agriculture, Regina, Saskatchewan, in conjunction with the C. N. R. officials, have arranged for a series of Dairy Demonstration Meetings along their main line. The sole use of a passenger coach has been secured from the company, in which will be placed a complete modern dairy equipment, suitable for farm purposes. Comfortable seating space is conveniently provided. The car will be moved from place to place and set off at certain points on specified days, as scheduled:

Vonda—June 19-20.	Wadena—July 4-6.
Togo—June 22-23.	Quill Lake—July 7-8.
Kamsack—June 24-25.	Englefield—July 9-10.
Canora—June 26-27.	Humbolt—July 11-13.
Invermay—June 29-30.	Dana—July 14-15.
Kuroki—July 2-3.	

Demonstrations, with full explanation, will be given each afternoon on Separation of Milk; Salting; Handling Cream; Working; Cooling Cream; Preparing Butter for Market; Preparing Cream to Churn; Marketing; Churning; Milk Testing; Washing.

In addition, the lecturer will speak on milking, care of milk, and how to ascertain the value of the individual cow from the standpoint of milk and fat production. The complete programme will fully cover two afternoons.

COOLING MILK IN THE ANTIPODES.

New Zealand dairymen, though blessed with a very favorable climate, are taking especial pains for the cooling and protection of the milk cans. Our illustration shows one style of stand used in the Tararaki District. Others are fitted with tanks supplied with cold spring water, pumped by windmill, in which the cans are submerged.



New Zealand Milk Stand Fitted for Cooling.

Cooler	2	
Narrow-top milk pail	1	
Other utensils	1	
Water supply for utensils	10	
Clean	6	

SANITARY INSPECTION OF DAIRIES.

Following is a copy of the dairy score-card issued by the United States Department of Agriculture, Bureau of Animal Industry, Dairy Division:

Owner or lessee of farm

Town State.....

Total No. of cows No. milking.....

Quarts of milk produced daily.....Product is sold at wholesale retail. Name and address of dealer to whom shipped

Permit No. Date of inspection, 190

Remarks.

(Signed) Inspector.

DETAILED SCORE.

EQUIPMENT.		Score.	Perfect. Allowed.
Cows.			
Condition		4	
Health (outward appearance)		6	
Comfort		4	
Bedding		2	
Temperature of stable		1	
Protected yard		1	
Cubic feet of space per cow: Over 300, 2; over 400, 4; 500 to 1,000, 6		6	
Feed		4	
Water		8	
Clean		6	
Fresh		2	
Stable.			
Location		6	
Well drained		3	
Free from contaminating surroundings		3	
Construction		10	
Tight, sound floor		3	