

Fine Feathers MAKE Fine Birds

That is, to all outward appearance. However, the unusually well-seasoned wood, the superior sound-board, the finest actions and the high quality of every article used in the manufacture of Sherlock-Manning pianos assures you of their superiority.

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The Piano worthy of your home

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When writing please mention Advocate

besides being adapted to the smallest herd, and it can be operated by any one without experience, if the directions are carefully followed.

The Babcock outfit may be stated to be composed of the necessary measuring instruments, test bottles and a whirling machine; it may cost anywhere from a few dollars to hundreds, according to the number of tests which can be made at one time. A size suitable for the farmer can be purchased for a trifle, and it will give the same accurate results as will the large size factory machines. It would be superfluous for me to enter into a detailed description of the method of procedure in making a test, as full directions are furnished with each outfit, and in case these are lost additional information can be furnished by the Department of Agriculture, free of charge. However, without going into detail, you proceed as follows: measure a certain quantity of milk into a test bottle, add sulphuric acid, place in machine and whirl for a given time at a given rate; add water to float fat into the neck of the bottle; whirl again, then remove and read column of fat. The neck of the test bottle is graduated, and it is as simple a matter to read the fat column as it is to read a mercury column in a dairy thermometer. Cream is tested in practically the same method, also skim-milk, buttermilk, and whey. The percentages of fat in cheese and butter can also be found by following the specific directions as given.

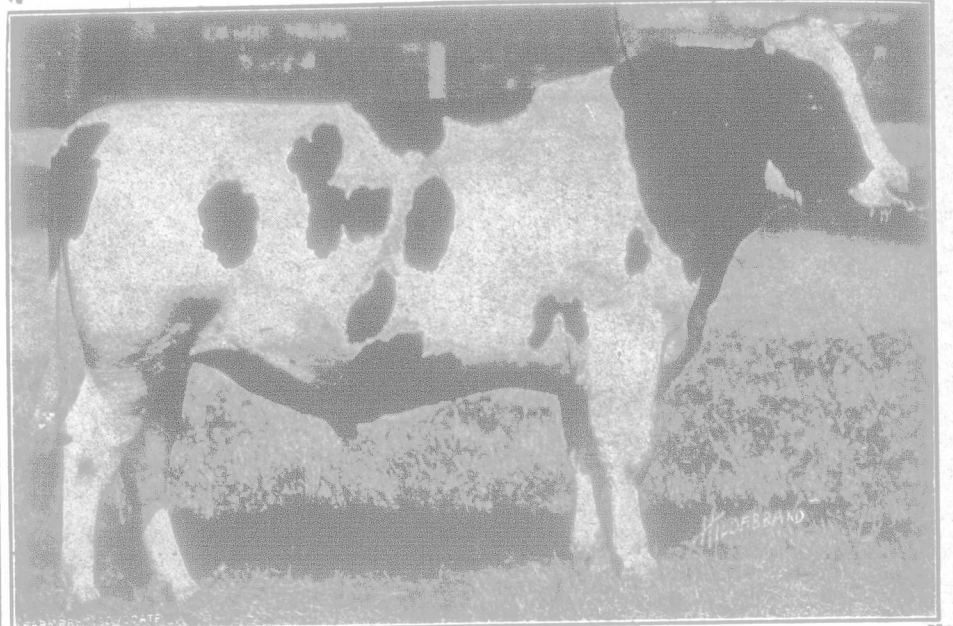
Now the question comes up, do the milk-product manufacturers give an accurate test? Well, this is a very simple matter for one to find out. Simply purchase one of these small Babcock testers from your dairy supply house, and proceed to make an investigation. It is time you did this for your own information, even if you are in a position to trust the party who is making the test for you. I think it is quite obvious to the readers why milk should be paid for by test rather than by weight. Every good product warrants a higher price than the poorer, though both may be called the same name. A typical instance of this will be found in the different grades of gasoline sold to the trade; in fact, we would be obliged to believe that some of it is highly adulterated with one of the foreign contents often found in milk, i. e. water.

Apart from the distinctive line of finding the value of milk and its products, there are many other economic phases which will come to light by testing. In these cases the weighing of the milk is also essential. It plainly depicts to the various members of your herd which are the profit makers, hence the "boarder" can be disposed of at the earliest possible time. Many poor looking cows are beefed, while actually they may be the best payers in the bunch. Heifer calves can be selected and raised from the best cows, thus building up an excellent herd in a short space of time. The cows which give the most milk with the least possible food are pointed out and this gives a great chance for the practice of economy. There are dozens of other reasons that might be given, but a farmer must see for himself the value to be derived by cow testing. The work in connection with it is not strenuous, and does not take much time, but on the other hand pays handsomely in the year's milk account. It has been employed by the best dairymen of the country, and has had very much to do with placing them in the position in which they are. Only by its use can the greatest results be obtained from the least labor and expense.

The question may confront some individuals, how many cows should I have before it would pay me to make a test? I believe that even if you possess only two it would be a paying proposition, because in this case the most minute details could be noted and recorded. It will be found in such instances that the percentage of saving will be greater than in a large herd on account of the fact that the attention given each animal will be considerably more liberal than could be given to a dairy herd.

This is a very good time of the year to get into the testing business. Time can be well expended in making some experiments along this line, and will pay dividends equal to the period in which you are using the entire force of your manual power. It is an economic necessity to yourself in order that you may eventually reap suitable recompensive rewards for your labor in the dairy industry. PADDY MACGILVERY.

Manor Farm Holsteins AT OTTAWA September 16-17, 1920



KING KORNDYKE LULU KEYES

We are sending to the Ottawa sale a number of our very best young cows. These are cows that should, in nearly every case, increase their present records, and practically all are bred to our senior sire, King Korndyke Lulu Keyes. We predict a great future for this sire. He is a son of the great 36-lb. show cow Lulu Keyes, and his first heifers are now just coming into milk. There is also a 5-months son of this sire selling which is from a 24.37-lb. 6-year old cow that is also listed. Refer also to the pedigree of the 12-months son of Keyes Summerville which is sired by a son of the \$12,750 Het Loo Pietertje.

Look up this consignment the first day of the sale.

Gordon S. Gooderham - Manor Farm - Clarkson, Ontario

Have Famous Cattle

It pays to improve your stock. Though the initial cost of introducing a famous breed into your herd is considerable, there is money in the venture.

If you need backing for this, or for increasing your herds, consult the manager.

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We have a few choice, well bred, thick, deep level, mellow young bulls of breeding age for sale; also heifers in calf to a right good sire. Write for particulars.

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Irvinedale Scotch Shorthorn Heifers—For the present we are all sold out of bulls of strongest offering of Scotch-bred heifers and young cows we have ever had on the farm. Call and let us show you our breeding herd of cows, headed by Marquis Supreme, that great son of Gainford Marquis (imp.). Jno. Watt & Son, Elora, Ont.

Aneedia Farm Shorthorns and Shropshires—We offer Five Ram Lambs, one Also three Shearling and one 2 shears. From Imp. and home bred Ewes, Allby Imp., Buttar ram. All of high quality and priced to sell. J. F. WERDEN & SON, R. R. 8, PICTON, ONT.

Write to The Farmer's Advocate and Home Magazine for instructions on how to make money by securing NEW SUBSCRIPTIONS.