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JULY 15, 1920

Questions and Answers.

1st—Questions asked by bona-fide subscribers to "The Farmer's Advocate" are answered in this department free.

2nd—Questions should be clearly stated and plainly written on one side of the paper only, and must be accompanied by the full name and address of the writer.

3rd—In veterinary questions, the symptoms especially must be fully and clearly stated, otherwise satisfactory replies cannot be given.

4th—When a reply by mail is required to urgent veterinary or legal enquiries, \$1.00 must be enclosed.

Miscellaneous.

Testing Cream.

Will sour cream give a better test than sweet cream? J. W.

Ans.—There should be no difference, provided the cream is properly cooled and is not rancid when tested.

Hereford Herd Books.

1. Where can I secure Hereford herd books? What will they cost?

2. What is the best way of killing ox-eye daisies? W. F.

Ans.—1. Write H. D. Smith, Ancaster, Ontario. He is the Secretary of the Hereford Breeders' Association, and may be able to put you in touch with someone having these books for sale.

2. A short rotation of crops and shallow plowing, followed by cultivation until late in the fall, then plowed the regular depth will go a long way toward destroying this perennial. It is seldom seen in the grain field, but appears abundantly in hay fields, pastures and waste lands.

Poison Bran Mash for Grasshoppers.

The grasshoppers destroyed a field of beans, and now I wish to plant it to buckwheat. What can I do to get rid of the grasshoppers? L. W.

Ans.—It is altogether likely that the grasshoppers will have disappeared, especially if there were frequent rains. A poisoned bran mash sprinkled over the field has proven effective in destroying these pests. The mixture consists of 20 lbs. bran, 1 quart of molasses, ½ lb. Paris green, and 2 or 3 gallons of water. The bran and Paris green should be thoroughly mixed when dry, and the molasses dissolved in water to dampen the bran.

Miscellaneous.

1. A young cow dropped her second calf on April 18th this year. Another older cow calved Feb. 13th this year. Neither of these cows have come round again. Would you please explain the reason, as I wish to take them away to breed again. Both are in good health and milking well.

2. I cannot get cream to "whip" in this hot weather. I keep it 24 hours in the cool and add pinch of salt, but it does not stiffen. Can you assist me with this? I made butter the other day on a warm day. I think I had a little too much cream in the churn. The cream went all stiff and there appeared to be a great quantity of butter-fat and no buttermilk at all. I put it all into a larger churn and continued churning, but failed to effect any alteration, so was compelled to wash the soft fat as well as I could. After I had worked it a great deal and put butter into crocks, much water collected on the surface. I should like to know the cause of this.

3. A heifer was bred last 6th October. She was two years old then. She has never come round again and is not in calf. Could you please explain this? F. J. D.

Ans.—1. Little can be done. We do not know the cause, but nature will have to have her way. Turn the cow with the bull for a short time each day. This may bring her in season.

2. It is possible that the cream is not rich enough. We frequently have difficulty in whipping thin cream, but have always overcome this by having the cream thick, which can be done either by tightening the cream screw or turning the separator a little faster. It is quite possible that the churn was too full and there was not concussion enough to cause the butter to gather properly. Adding cold water when the cream was put in the larger churn should have shown results and caused the butter to gather, after which the moisture could be worked out. The water collecting in the crock is an indication that the butter was not sufficiently worked to remove the moisture.

3. We have heard of similar cases, but do not know the cause. It is, no doubt, a freak of nature.

THE FARMER'S ADVOCATE.

1299

Gossip.

J. Pollard, whose advertisement of Chester Whites, appears in another column of this issue, writes that he has a considerable number of choice pigs of both sex on hand at the present time. A large figure was paid for the breeding sows. One of them is from an imported sow that weighed 700 lbs. The dam of many of the pigs is Tawwa Callaway Perfection, sired by Springbank Jim, out of a prize-winning herd. If in need of some breeding stock, write Mr. Pollard for prices and description of the pigs.

The Miller-Dryden Shorthorn Sale.

Wednesday, July 21, will be a gala day for Shorthorn breeders at Maple Shade Farm, Brooklin. Not only will lovers of the red, white and roans have an opportunity of seeing as choice a lot of richly-bred Shorthorns as were ever gathered together on one Ontario farm, but they will have the chance of taking home with them some of these good things at their own price. Practically the entire offering of 120 head are imported, and what Canadian-bred stuff is in the sale is just as good as the imported stock. There are 65 cows with calves at foot, and 25 cows and heifers that are bred. There are a number of yearling open heifers and these make as strong a line-up as was ever seen in a yearling class at our largest Canadian exhibitions. Those beginning a Shorthorn herd will find females to their liking and such as will be ideal foundation stuff on which to build a herd. Breeders of long standing will be able to secure outstanding females to strengthen their herds. There will be Rosewoods, Augustas, Lavenders, Brawith Buds, Rosemarys, Claret Mayflowers, Broadhooks, Miss Ramsdens, etc. A good deal of the offering is of show-ring calibre and all are good breeding propositions. For the convenience of the public, a special train will leave the Union Station, Toronto, for Maple Shade Farm. The sale special will leave Toronto after arrival of the chief morning trains on all lines. If at all interested in Shorthorns you cannot afford to miss being at Maple Shade Farm on Wednesday, July 21. Write W. A. Dryden, Brooklin, for a catalogue, mentioning "The Farmer's Advocate."

To the Breeders of Men.

You talk of your breed of cattle,
And plan for a higher strain,
You double the food of your pasture,
You heap up the measure of grain;
You draw on the wits of the nation
To better the barn and the pen;
But what are you doing, my brothers,
To better the breed of men?

You boast of your Morgans and Herefords,
Of the worth of a calf or colt,
And scoff at the scrub and the mongrel,
As worthy a fool or a dolt;
You mention the point of your roadster
With many a "wherefore" and "when,"
But, ah, are you counting, my brothers,
The worth of the children of men?

You talk of your roan-colored filly,
Your heifer so shapely and sleek;
No place shall be filled in your stanchion
By stock that's unworthy or weak,
But what of the stock of your household?
Have they wandered beyond your ken?
Oh, what is revealed in round-up
That brands the daughters of men.

And what of your boy? Have you measured

His needs for growing year?
Does your mark as his sire, in his features,
Mean less than your brand on a steer?
Thoroughbred—that is our watchword
For stable and pasture and pen;
But what is your word for the homestead?
Answer, you breeders of men!

R. Trumbull, in Our Boy's Monthly Magazine.

Elevator Boy.—"I told de boss to-day I wanted a raise."

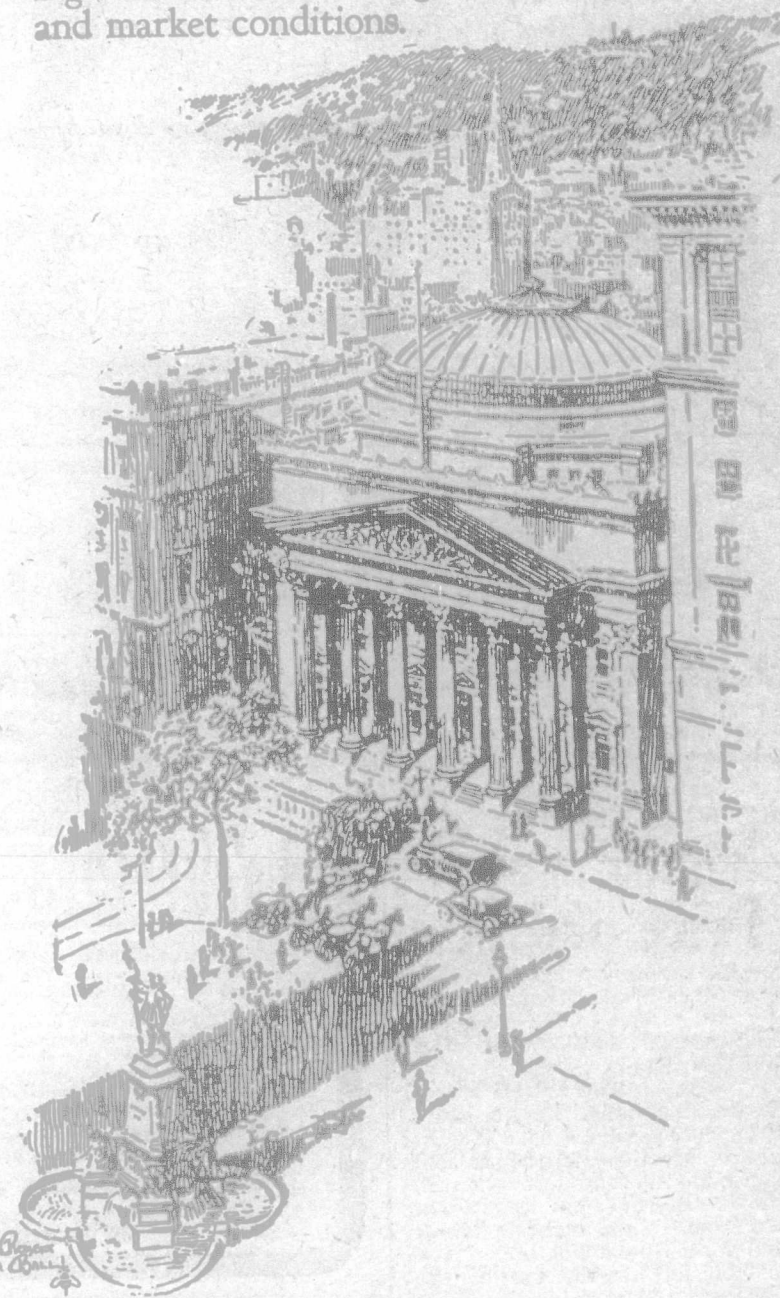
His Chum.—"What did he say?"

Elevator Boy.—"He told me to get in an' pull de lever."

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The farmers of Canada are engaged in one of Canada's greatest industries and produce a large part of the Dominion's wealth.

THE banking requirements of this great industry are far-reaching and demand a nation-wide service—such a service as the Bank of Montreal affords with a branch in every important centre of Canada, each having an intimate knowledge of local agricultural and market conditions.



We invite farmers to talk over their banking problems with the manager in our nearest branch.

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TOTAL ASSETS in excess of \$500,000,000