



How Home Mixing Makes European Farmers Prosperous

They buy straight materials and mix them into balanced fertilizers containing two or three times as much

Nitrate of Soda

as high-priced American complete fertilizers contain. Your fertilizer should contain 4% of active nitrogen. Does it?

On land farmed for centuries, England raises 33 bushels of wheat per acre. We raise but 14. Europe imports 100% active Nitrate of Soda. You use dried blood, tankage only 60% to 70% active and you pay more for it.

"Home Mixing" is a book to help you increase your yields. Send your address to me on a postal card.

Dr. Wm. S. MYERS
Director Chiles Nitrate Propaganda
23 Madison Ave. New York
No Branch Offices



Cure the lameness and remove the bunch without scarring the horse—have the part looking just as it did before the blemish came.

Fleming's Spavin Cure (Liquid) is a special remedy for soft and semi-solid blemishes—Bog Spavin, Thoroughpin, Splint, Orb, Capped Hock, etc. It is neither a liniment nor a simple blister, but a remedy unlike any other—doesn't irritate and can't be imitated. Easy to use, only a little required, and your money back if it ever fails.

Fleming's Vest-Pocket Veterinary Adviser

Describes and illustrates all kinds of blemishes, and gives you the information you ought to have before ordering or buying any kind of a remedy. Mailed free if you write. **FLEMING BROS., Chemists, 75 Church Street, Toronto, Ont.**

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High-class Ayrshires—If you are wanting a richly bred young bull out of a 50-lbs.-a-day and over cow, imported or Canadian-bred dam or sire, write me. Females all ages. Prices are easy.

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City View Herd of R.O.P. Ayrshires
When you want a choicely bred bull calf, write us. Nothing servicable on hand. Can spare a couple of young heifers.
James Begg & Son, R.R. 1, St. Thomas, Ont.

Questions and Answers. Miscellaneous.

Laws re Farm and Ditches.

1. A sold his farm to B, giving possession in the spring. Nothing was said about straw or manure. Has A any legal right to remove the straw and manure off the farm?

2. A running stream goes through a man's farm. Has the Engineer power to force the tiling of the stream against the owner's will?

If so, and the tile constantly chokes with quicksand, is the owner obliged to keep it cleaned out at his own expense?

A. M.

Ans.—1. Unless mentioned in the agreement, A may sell straw prior to delivering up possession of the farm, but cannot sell the manure.

2. The Engineer has power to use his own judgment in matters of this kind, but the injured party has right of appeal, regarding which see clause 22 of the Ditches and Water Courses Act.

3. If constructed under the Ditches and Water Courses Act, the awards cover the maintenance of said ditch, but the party to the award may appeal after the expiration of one year after the construction is complete. See clauses 34-36 of the aforementioned act.

Hog Cholera -- Hog Pasture.

1. What kind of wheat would I sow in the spring for poultry food, as I did not get possession of farm till too late to sow fall wheat?

2. What kind of pasture would be best for hogs to be sown in an orchard to be ploughed this spring?

3. Is there a hog-cholera serum manufactured in Canada, or supplied by the Government?

4. Symptoms of hog cholera.

5. Is it advisable to re-seed with alfalfa a piece that was ploughed last fall after being seeded about twenty years?

6. Does a wood silo keep the silage better than a cement silo?

7. What to do for a cow in case of an attack of acute indigestion.

J. M.

Ans.—1. If your land is strong, goose wheat will give you good results. Some buckwheat will also work into the ration advantageously.

2. We know of no better pasturage under these circumstances than that supplied by rape. Sow 4 to 5 lbs. broadcast, or 1½ to 2 lbs. in drills. A little manure will enhance the value of the pasturage.

3. Write the Veterinary Director General, Parliament Buildings, Ottawa.

4. Refer to the Stock Department of this issue.

5. If the land is well prepared, there is no doubt but what you will get a good stand of alfalfa on this old sod, but it is not advisable from another standpoint. You probably have no other place on the farm that would give you as good corn or potatoes or grain as this particular piece of alfalfa sod. It should be strong enough to give you two good hoed crops before seeding down again.

6. There is considerable controversy connected with this particular question. Farmers who have stave silos claim they are superior to cement, while those who have cement silos say they are superior to stave silos, and those who have both say there is no difference. There is no doubt but what cement silos will absorb some moisture from the contents after it is first put in, but if the walls of the silos are sprayed prior to filling, this disadvantage can be obviated to a certain extent. There is a little difference in freezing as well, but either silo, properly constructed, will turn out good silage. We do not consider that the quality of the silage resulting should influence one very much one way or the other what kind of a silo he should put up.

7. Purge with 1½ pounds Epsom salts, with 1 ounce ground ginger dissolved in half a gallon of cold water, and follow this by giving a teacupful of linseed boiled into a pulp with two gallons of water, and while hot pour into half a pail of bran and make a mash of it. Give a mash of this kind once a day, and continue it for a few weeks; also give one ounce tincture of ginger, one ounce tincture of gentian, and one ounce tincture of iron in a pint of water twice daily.



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PROGRESSIVE farmers to-day recognize the fact that they cannot continually crop their lands, drawing on the plant foods in the soil—without putting something back—and realize that the intensive cultivation of a small area is more profitable than the unskilled farming of a large one. The judicious use of the proper fertilizer on your land will increase your profits from 20 to 200 per cent.

GUNNS SHUR-CROP FERTILIZERS

—are particularly compounded for use on Canadian soil. Properly and consistently applied they are not an expenditure, but an investment which will yield constantly increasing returns in larger crops. Forty years' experience and reputation back them up.

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Third Annual Sale of the Oxford District Holstein Breeders' Club, will be held in the City of Woodstock, on

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80 Head of Choice Holsteins will be sold subject to inspection. All cattle are being inspected before being entered to catalogue. Every buyer will have until removal or up to Ten O'clock on the day after the sale to examine his cattle, and if they are not as represented your money will be refunded. No old worn-out cows, no three teasers, no slack quarters no scrub bulls, nothing but the best. They are consigned by some of the most noted breeders of the age, and the best lot ever offered at Public Auction.

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The property of John C. Freel, Thamesford, R.R. No. 3. This offering consists of 12 Young Cows, all heavy producers, bred and raised by the proprietor, and sired by the best of pure-bred bulls. Also one four-year-old Carriage Gelding. Some of the Cows, fresh; the remainder, forward springers. Sale at 1 o'clock, at lot 3, concession 10, East Nissouri. (¾ mile North-east of Thamesford Station)