185

0

He

on

IN

alc.

ds.

N

ins

eón.

illy

let

ins

to

0

Feed The Land AND Will Feed You

Many farmers would get higher interest on their money if deposited IN THE SHAPE OF FER-TILIZERS IN THE SOIL, than if they placed the money in bank -the interest being paid in increased crops.

Wnen the Canadian farmer becomes sufficiently interested in fertilizers to make his own mixtures at home, it will be a good thing for the farmer and for the country at large.

Fertilize scientifically—study the "VANCO" Book-and reap the benefits in bigger crops.

Make your own Fertilizers, to suit each soil and crop - buy "Vanco" guaranteed chemicals, prepared right here in Toronto, and thus save the heavy duty which must be paid on ready. mixed fertilizers

MURIATE OF POTASH —guaranteed 50% actual Potash.

SULPHATE OF POTASH

-guaranteed 48% actual Potash.

NITRATE OF SODA guaranteed 15% Nitrogen, equal to

18.84% Ammonia. **ACID PHOSPHATE**

guaranteed 14% to 16% available Phosphoric Acid.

Write for our prices—and also copy of the "Vanco" Book-you'll find it a big help in mixing Fertilizers.

CHEMICAL LABORATORIES,

148-158 Van Horne Street, . TORONTO.

Have City Conveniences

REPLACE the pestilent, draughty, dangerous and offensive out-of-doors closet which requires no sewer, no plumbing, and no flushing system. Have city conveniences in your home. Safeguby installing a



"Tweed" Closet sanitary and odorless

Tweed" Closets can be installed in the bath-room ellar, or any other convenient place indoors, merely requiring to be connected by a pipe for ventilation with a chimney hole. "Tweed Liquid Chemical, used in connection with "Tweed" Closets, is both a deodorant and a disinfectant. Many hundreds of "Tweed" Closets have been sold in Canada. Send for illustrated price-list.

The Steel Trough & Machine Co., Ltd. TWEED, ONT.

Your Credit is Good

EASY TERMS TO PAY. Wilson's Medal Scales styles Hay and Stock Scales ight paid by Wilson if you ir now. Write plainly to: C. Wilson

& Son planade

nto, Can

price list

QUESTIONS AND ANSWERS Miscellaneous.

buys a registered Clydesdale mare at B's auction sale. Has A got to be at the trouble and expense of transferring her registration to B, or will B

have to do it himself? As I have dealt in Holstein cattle, it is always done by

TRANSFER OF STOCK.

the man having the sale. Ans.-Unless otherwise agreed upon, the trouble and expense of transferring registered stock from one owner to another is borne by the seller.

COW FAILS TO CONCEIVE.

I have a cow five years old this spring; had a calf when three years old; takes the bull as regularly as three weeks comes around. I cannot get her in calf, and she is too valuable to fit for beef if she would breed. Kindly advise me what to do for her. W. J. H.

Ans.-Many causes of sterility exist. If due to disease of the ovaries nothing can be done. The most common removable cause is closure of the opening to the neck of the womb. It is also claimed that bacteria in the vagina of the animal is a common cause. For this, the "yeast treatment" is recommended. Pour a little warm water on an ordinary yeast cake and allow it to stand for twentyfour hours, add water to make a quart and allow to stand another twenty-four hours. Inject this into the vagina about an hour before service. When the next period of æstrum is shown, have the neck of the womb examined. The operator must have his hand and arm carefully oiled. If it is closed, open it, inject the yeast solution, and breed in about an

LUMP ON COW-LICE-SCOURS.

1. We have a cow that has a swelling under her jaw, extending back to her throat. It is hard for her to breathe, and she cannot eat anything. Will you kindly let me know what this is, and what I can do for her.

2. Can you give me a good remedy for blue lice on cattle other than black

3. What can I do for calf that scours?

1. This may be lump jaw, an abscess, or some tubercular trouble. Would advise having her tested with the tuberculin test. If lump jaw, give iodide of potassium three times daily, commencing with 1-dram doses and increasing 1 dram daily until food and water are refused, the skin becomes scruffy, and the eyes run. Repeat the treatment in 2 months

2. Any of the proprietary insect powders, or a mixture of hellehore or pyreth rum powder and dry cement dusted over them and worked well into the hair,

should kill the lice. 3. We are not sure what form of scours the calf has. There is a form commonly known as "white scours," which is contagious, the germs causing it gaining entrance through the navel of the new-born calf. Prevention consists in having the calf dropped on fresh, clean bedding, and disinfecting the navel cord with a 15-per-cent. solution of formalin or a 5-per-cent, solution of carbolic acid immediately after being calved, repeating the treatment several times daily until the cord heals up. Treatment is seldom successful if the disease becomes established, one of the bestknown remedies being laudanum 1 dram, tincture of catechu 1 dram, castor oil 1 ounce, given in warm milk. Formalin has also been used internally, i ounce being made up to 16 ounces with water, giving a tablespoonful of this solution in a pint of milk three or four times daily. When scours are of a mechanical origin, such as those arising from feeding cold or dirty milk, irregularities in time and quantity of feeding, formalin would not prove valuable. In such cases a mild, non-irritant purcative, like raw linseed or castor oil, is indicated. Keep pails clean and feed regularly, and in moderate quantity Powdered chalk, 2 ounces; powdered catechu, 1 ounce; ginger, 4 ounce: opium. 2 drams; peppermint water, 1 pant, given in tablespoonful doses night ad morning, is recommended. Cases have been known to yield to raw-egg



To sleep late's pleasant, now and then, Make it Sunday morn—says Big Ben

Big Ben is an alarm clock that's on the job every minute of the day. He rings on time, he runs on time, he stays on time.

He weighs three times as much as the average alarm clock, he rings three times as loud, he lasts three times as long.

He has a great big dial you can easily read in the dim morning light—a cheerful, deep toned voice that will wake you on your sleepiest mornings - large, strong winding keys that are a

pleasure to wind-selective alarm calls that ring just when you want and either way you want, steadily for five minutes or intermittently for ten

He's punctual, lasting, handsome and the best insurance against oversleep that's ever been heard of. His work doesn't end with the morning call, he's a good reliable time keeper for all day use and he's good looking enough for any surroundings.

5,000 Canadian dealers have already adopted him. His price is \$3.00 anywhere—A community of clockmakers stands back of him, Westelax, La Salle, Illinois.—If you cannot find him at your dealer's, a money order sent to them will bring him to you duty charges prepaid.



WE WILL IMPORT OXFORDS

the coming season, or any other breed. Breeders wishing to get a few head of their favorite breed should write at once to us. One of the firm selects in person, and will select yours if you write us stating just what you want. We are in the market for Oxford rams, and will buy from one up to any number. State price, age and it recorded or PETER ARKELL & SONS, TEESWATER, ONT.

