

REMARKABLE BREEDING RECORDS.

A seven-year-old cow in Morayshire, Scotland is reported to have given birth to her eleventh calf last month.

A Blackface ewe at Glencoe, Scotland, is reported to have made a singular lambing record this spring. The shepherd one morning watched her while she gave birth to two fine lambs. She was removed the following day along with her lambs to another field, and the shepherd was surprised, six days later, to find the same ewe requiring assistance to lamb, when she produced another strong lamb. She would have nothing to do with the third one, for which a foster mother was found, and it is doing well.

Mr. T. W. Britten, a Derbyshire farmer, near Buxton, reports that he has seventy-five living lambs from thirty-six Shropshire ewes, no fewer than nine of the ewes having produced triplets.

A NEW HORSE FOR MANITOBA.

From the Gossip columns of the London, Ont., FARMER'S ADVOCATE we take the following:

"Dr. T. H. Hassard, of Millbrook, Ont., has lately sold to Mr. Andrew Graham, of Carman, Manitoba, for the longest price of the year, the wonderfully-good Clydesdale stallion, Vigorous (imp.), by Up-to-Time, one of the greatest sons of Baron's Pride, and out of a daughter of Belvidere, by Knight of Lothian, by Darnley, thus making him one of the richest and most fashionably-bred Clydesdale stallions alive. Vigorous we have considered one of the best all-round draft horses that has been imported, combining to a high degree great size, an exceptionally smooth, well-balanced conformation, and a grand set of legs and feet, with true and faultless action. It is a distinct loss to Ontario that such a superb draft stallion should have been allowed to leave the Province."

SMUT BALL.

It has been calculated that in a single smut ball—no larger than a grain of wheat—there are about 4,000,000 spores each of which is capable of causing one wheat plant to be smutted. In a bushel of wheat there are 600,000 to 1,000,000 grains. There are, therefore, in a single smut ball enough spores, if regularly and evenly distributed, to provide each grain in a bushel of wheat with four to six spores. The great necessity for removing or breaking the smut balls, so that whatever fungicide may be used can act upon their contents, is obvious.

WHY THE TRANSPORTATION COMPANIES SHOULD AID THE LIVE STOCK INDUSTRY.

The feed-in-transit arrangement permitted live stock men to carry on their business at profit, and the remarks of Henry Wallace on the subject are as applicable to the Canadian West as to Iowa.

"We contend that the railroads can well afford to make very favorable rates for the transportation of live stock within the state. They can especially afford to make rates which will encourage the feeding of live stock brought in from other states. The railroad may figure that a car-load of steers will eat from one to four car-loads of grain and that when they encourage the feeding of the grain to the steers they reduce their freight revenue very materially. On the face of it this is true, but it must be remembered that if grain is raised and shipped out of the state continually it will be but a few years before our land will decrease in fertility, our yield of grain will be very much lessened, and we will be compelled to buy commercial fertilizers, as many of the eastern states are at the present time, a system of landlordism and rack-rents will inevitably be developed, the improvements on the farms will be decreased in value, and the men who really plow the land will be obliged to rob it of its fertility in every way

possible and sell everything that will sell at any reasonable price, in order to raise the money necessary to pay the high rents. On the other hand, if the live stock industry is fostered by favorable rates our land will increase in value. Our people will build better homes, better barns, and other improvements, and will be able to buy more of the luxuries of life; and while the outgoing freight in the way of grain will be reduced the in-coming freight in the way of food stuffs, wearing apparel, and luxuries, all of which pay a high freight rate, will be very much increased. We contend it is to the advantage not only of the people of Iowa but to the railroad people as well, to make Iowa a high class factory for agricultural products by feeding the raw material in the form of grains, hay, and fodder on the farm, and sending to market the finished product in the form of fat steers, butter and cheese, pork and mutton."

THE CROP DESTROYER.

"Softly caressing his bulbous abdomen, lined with fat capon and irrigated with Mumm's extra wet, he fareth forth to Kansas on his trusty Pullman and at eventide desolation and threatened famine stalk where morning saw the smiling plain basking all unsuspecting in the sunshine of prosperity, promise and peace; the countryside from Alma to Wamego has been laid waste by such bug or besom as the killer deemed most suitable to his season, and the morning and evening journals tell of the wrack it hath wrought.

"On the morning of the second day his pals, disguised as bulls with fierce horns, rush into the pits where are bears and by loud bellowing and fierce demeanor become possessed of the large portions of juicy meat upon which the bears fain would feed, even to fatness the winter through.

"In good time the killer putteth out to sea; not in a cattle steamer, but in a sumptuous yacht, whereon he continuously maketh merry, with music and maidens, and chortles at the newspaper chumps who wasted their substance in spreading his poison exactly as he would have it spread—at their own expense. in turgid type, on the front page, top of column.

"About the selfsame day the farmer, knowing the heat and burden of the season so near at hand, calleth about him his men servants and his maid servants and telleth them to prepare for a bigger job of harvesting than they have ever tackled before, while he goeth in his automobile at dawn seeking to lease the highway for a stack yard and the court house as an additional granary and his latter end shall be worse than the first, when he gnasheth at the railroads that their sidings are too short for the cars he needs, and the world's grain prices get baggy at the knees because Kansas has again, as is her habit, raised the biggest crop ever.

"And it was ever thus."

THE SCHOOLBOY OF TO-DAY.

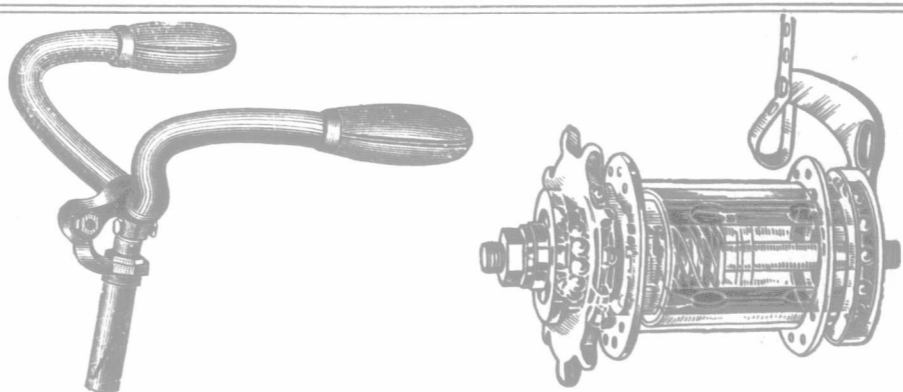
"Tommy, have you been vaccinated?" "Yes, ma'am." "Have you had your vermiform appendix removed?" "Yes, ma'am." "Have you a certificate of inoculation for the croup, chicken-pox and measles?" "Yes, ma'am." "Is your lunch put in Dr. Koch's patent antiseptic dinner-box?" "Yes, ma'am." "Have you your own sanitary slate-sponge and disinfected drinking-cup?" "Yes, ma'am." "Do you wear a camphor bag round your throat, a collapsible life-belt, and insulated rubber heels for crossing the electric tram line?" "All of these." "And a life insurance policy against all the encroachments of old age?" "Yes, ma'am." "Then hang your cap on the insulated peg, and proceed to learn on sanitary lines."

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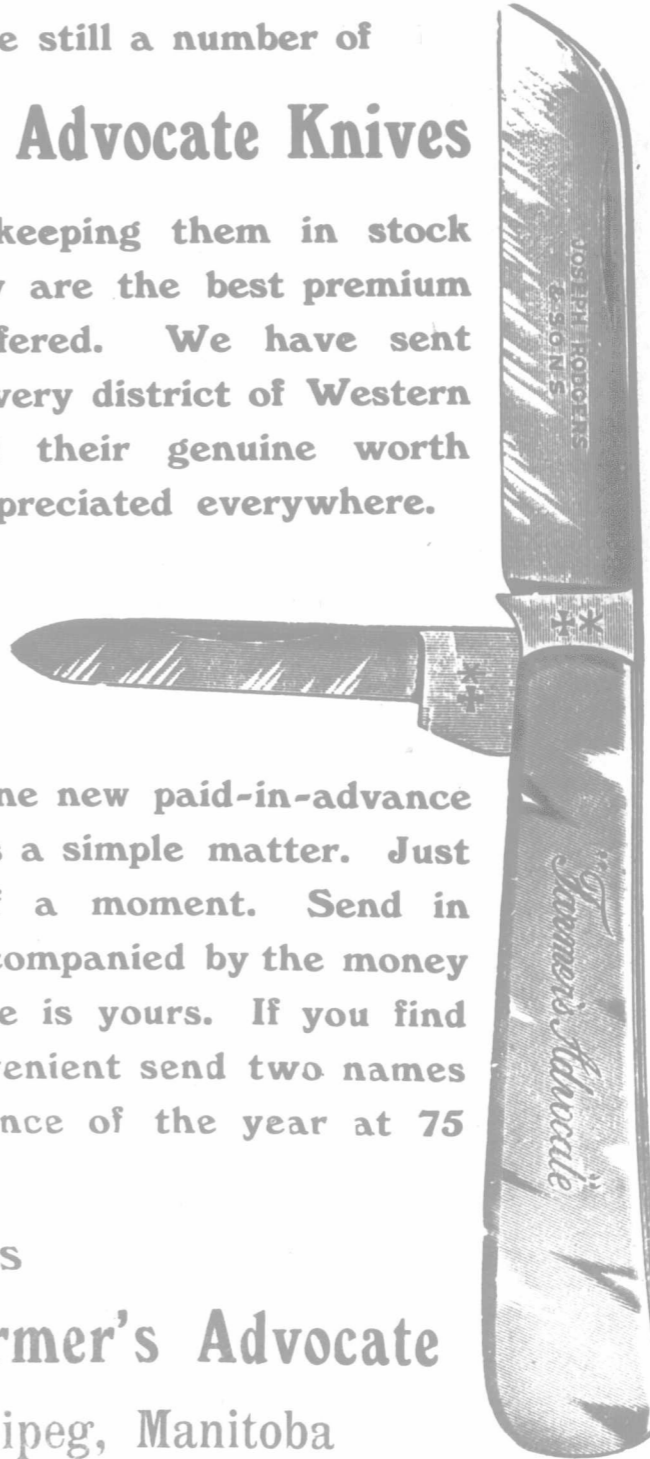
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