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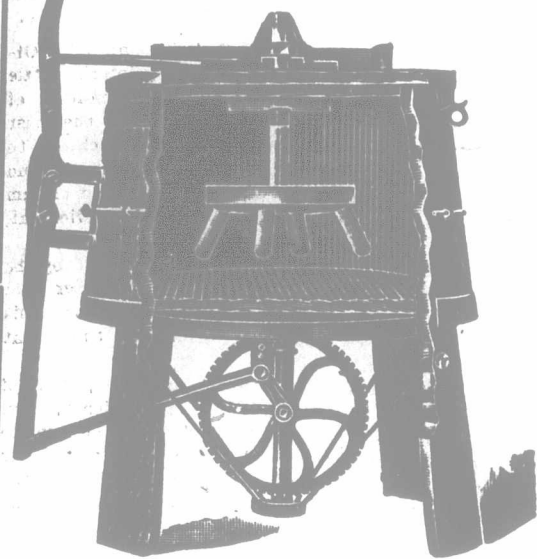
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APRIL 18, 1907

THE FARMER'S ADVOCATE

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The illustration below is a half tone made directly from a photograph. Notice the thickness of material used the corrugated bottom and walls and the heavy turned dolly or clothes agitator. Special attention is also called to the substantial legs, and round-iron braces attached to the upright gear-wheel support.



ONE MINUTE WASHER (Sectional View).

See the fly-wheel under the bottom of the tub? That's a feature of the "One Minute" Washer exclusively its own. This fly-wheel is driven by the gear-wheel with crank attached and revolves on little steel balls just like the wheels on a bicycle. You'd be surprised how hard it is to stop the machine when once this wheel gets up speed. Two strokes of the handle is usually sufficient to get under headway—then the fly-wheel does half the work.

Write us to-day for free circular, and the name of the dealer in your locality who sells them.

White, Ehrhardt & Company,
Toronto, Canada.

"ONE MINUTE" WASHER

Admitted by all to be the best washing machine yet invented.

The tubs are constructed of clear-grain Louisiana cypress lumber.

The castings, upon which there is any strain, are malleable.

Three Great Features:

1. Not Hard on the Clothes.
2. "Very" Easy to Operate.
3. Moderate in Price.

Sold Everywhere in Canada



How to Raise Young Chicks

The difficulties encountered in raising young chicks are numerous. Disease and lice are said to destroy nearly 50% of the annual poultry crop. Errors in diet and unsanitary conditions also help to decrease the poultry profit. But you do not need to suffer these losses if you will give poultry half the care you give other stock. Besides

DR. HESS POULTRY PAN-A-CE-A

is guaranteed to prevent and cure gapes, cholera, roup, indigestion, etc., allaying fermentation and destroying the germs of disease. By its special tonic properties it increases the powers of digestion and assimilation and compels the system to appropriate the maximum amount of food to egg production, also making the young grow fast, healthy and strong. Besides increasing growth and egg production Dr. Hess Poultry Pan-a-ce-a has special curative properties peculiar to itself. Take no so-called poultry food as a substitute. Remember that Dr. Hess Poultry Pan-a-ce-a is the prescription of Dr. Hess (M. D., U. S. V. S.) and bears the endorsement of leading poultry associations in the United States and Canada, and is sold on a written guarantee. It costs but a penny a day for about 30 fowls. Feed Poultry Pan-a-ce-a as directed, sprinkle Instant Louse Killer on the roosts, nests and into the dust bath, and we guarantee you will have no loss from disease.

1-2 lb. package, 35 cents; 5-lb., 85 cents;
12-lb., \$1.75; 25-lb. pail, \$3.50.

Send 2 cents for Dr. Hess 48-page Poultry Book, free.

DR. HESS & CLARK, Ashland, Ohio, U. S. A.

INSTANT LOUSE KILLER KILLS LICE.

GOSSIP.

Official Records of 120 Holstein-Friesian cows were accepted by the American Holstein Association, from March 12th to March 22nd, 1907, three being official records begun not less than eight months from calving, and twelve being semi-official records. All made seven-day, thirteen made fourteen-day, and nine made thirty-day records. The forty-eight full-aged cows averaged: age, 6 years 5 months 18 days; days from calving, 24; milk, 468.8 lbs.; per cent. fat, 3.52; fat, 16.499 lbs. The first eleven cows in the list producing an average in the seven consecutive days of 560.8 lbs. milk, containing 20.918 lbs. of butter-fat; showing an average of 3.73 per cent. fat; an average of over 80 lbs. or nearly 40 quarts milk per day, and almost 24½ lbs. of best commercial butter per week.

Segis Aaggie De Kol Beets leads this fine list of full-aged cows, with 25.645 lbs. fat from 607.2 lbs. milk in seven days, and 100.215 lbs. fat from 2,617.4 lbs. milk in thirty days; thus displacing Pietje 22nd for third place in the seven-day division, but falling behind her in the thirty-day division, and gaining fourth place.

The following Canadian-owned cows are included in this report:

Rachel Schillaard Clothilde 64144, age 5 years 3 months 4 days; days from calving, 37; Milk, 577.5 lbs.; per cent. fat, 3.62; fat, 20.915. Fourteen-day record, days from calving, 39; Milk, 1,136.0 lbs.; per cent. fat, 3.52; fat, 39.825 lbs. Owner, H. Manhard, Manhard, Ont.

Inka Sylvia De Kol 52722, age 7 years 5 months 1 day; days from calving, 46; Milk, 605.8 lbs.; per cent. fat, 3.44; fat, 20.837 lbs. Fourteen-day record, days from calving, 39; Milk, 1,194.5 lbs.; per cent. fat, 3.29; fat, 39.247 lbs. Owner, G. A. Gilroy, Glen Buell, Ont.

Rose Rattler 68640, age 5 years 8 months 6 days; days from calving, 46; Milk, 464.6 lbs.; per cent. fat, 4.17; fat, 19.359 lbs. Thirty-day record, days from calving, 36; Milk, 1,945.8 lbs.; per cent. fat, 4.09; fat, 79.678 lbs. Owner, Geo. Rice, Tillsonburg, Ont.

Coral De Kol's Pet 50982, age 7 years 9 months 12 days; days from calving, 12; Milk, 449.0 lbs.; per cent. fat, 4.02; fat, 18.044 lbs. Fourteen-day record, days from calving, 7; Milk, 865.8 lbs.; per cent. fat, 4.10; fat, 35.540 lbs. Owner, G. H. Manhard.

Carmen Sylvia 4th 56791, age 6 years 12 days; days from calving, 44; Milk, 451.3 lbs.; per cent. fat, 3.70; fat, 16.699 lbs. Owner, G. A. Gilroy.

Aaggie Grace Manor Josephine 56714, age 5 years 9 months 2 days; days from calving, 39; Milk, 529.3 lbs.; per cent. fat, 3.21; fat, 16.674 lbs. Fourteen-day record, days from calving, 35; Milk, 1,020.6 lbs.; per cent. fat, 3.16; fat, 32.269 lbs. Owner, G. A. Gilroy.

Countess Chase 50913, age 8 years 11 months 4 days; days from calving, 14; Milk, 420.5 lbs.; per cent. fat, 3.68; fat, 15.468 lbs. Owner, G. H. Manhard.

De Kol Madura Clothilde 57044, age 6 years 3 months 22 days; days from calving, 26; Milk, 360.0 lbs.; per cent. fat, 4.03; fat, 14.492 lbs. Owner, G. H. Manhard.

Dirkie Pel 66945, age 4 years 10 months 4 days; days from calving, 7; Milk, 507.0 lbs.; per cent. fat, 3.24; fat, 16.455 lbs. Owner, G. H. Manhard.

De Kol Imperial Duchess 63949, age 3 years 10 months 14 days; days from calving, 15; Milk, 346.5 lbs.; per cent. fat, 3.55; fat, 12.305 lbs. Owner, G. H. Manhard.

Corinne Albino De Kol 71825, age 3 years 2 months 18 days; days from calving, 25; Milk, 330.2 lbs.; per cent. fat, 3.71; fat, 12.238 lbs. Thirty-day record, days from calving, 25; Milk, 1,369.6 lbs.; per cent. fat, 3.70; fat, 50.766 lbs. Owner, Geo. Rice, Tillsonburg, Ont.

Johanna Netherland Lassie 72812, age 2 years 2 months 20 days; days from calving, 69; Milk, 252.0 lbs.; per cent. fat, 3.98; fat, 10.023 lbs. Owner, G. H. Manhard.

Rhoda Crowning Shield Colantha 79747, age 1 year 8 months 18 days; days from calving, 25; Milk, 280.3 lbs.; per cent. fat, 2.97; fat, 8.311 lbs. Owner, Geo. Rice.

Mr. C. D. Wagar, of Enterprise, County of Addington, Ont., recently purchased, from Mr. Peter White, of Pembroke, the choice young Shorthorn bull, *Starry Morning* =58887=. This is a grand animal, and should greatly benefit Mr. Wagar's Maple Grove herd.

THE BULLYING LAWYER.

Joseph H. Choate recently said, at a lawyers' dinner:

"We lawyers couldn't do better than resolve, on the new year, to be gentler in our cross-examinations. Rudeness in cross-examination never, never pays. This is a truth that I once saw proved in a damage suit.

"In this suit a cross-examining lawyer shouted at a witness in overalls:

"You, there, in the overalls, how much are you paid for telling untruths?" "Less than you are," the witness retorted, "or you'd be in overalls, too!"

The imported Shire stallion, *Birdsall King* [478] (23999), English studbook, the double champion, whose portrait appeared in "The Farmer's Advocate" for March 28th, has been purchased by Messrs. Jonathan G. Moore and John Bilton, near Mount Forest, and whose P.O. address is Conn, Ont., for the sum of \$2,500. *Birdsall King* was imported by Hamilton & Hawthorne, Simcoe, Ont., and exhibited by them at the Canadian National Exhibition, Toronto, Sept., 1906, where he won first prize in his class, and championship as best stallion, any age, in strong competition, and was also first and champion at the Western Fair, London, 1906, and first at the Ontario Horse Show, Toronto, Feb., 1907. He was bred by Lord Middleton, *Birdsall House*, York, England, foaled in 1904, sired by *Birdsall Caliph* (21128), dam *Violet*, by *Grafton II* (18120). He combines size with quality, weighing 1,900 lbs., coming three years old, and is a straight, true, goer. The farmers of Wellington, Grey and Bruce are to be congratulated in having the services of so excellent a horse within their reach.

QUESTIONS AND ANSWERS. Miscellaneous.

SALE OF UNSOUND COW.

A, being a cattle buyer, bought a lot of fat cattle from B. A shipped them to Montreal. A young cow of the lot was condemned as having tuberculosis. The hide and inspector's certificate were returned to A. Can A compel B to refund price of cow, or what is customary to do in such a case? Nothing said at time of sale about guarantee. B sold in good faith, thinking that cow was all right.

J. A. W.

Ans.—We do not think that A is in a position to enforce a refund by B of the price paid for the animal.

RETENTION OF PLACENTA.

As I am a subscriber to your valuable paper, I thought I would write to you for advice concerning cows retaining the afterbirth, having six out of eight which did so. They were fed clover hay, oat chop and roots all winter, and are tied with stanchions. Can you give any cause for it, and a remedy?

A SUBSCRIBER.

Ans.—Sometimes this is due to the existence of contagious abortion in the herd, retention of the placenta being more common in cases of premature birth. We can assign no other cause, though we have known similar cases where the cows have been well fed. Not knowing the cause, it is difficult to suggest a preventive. A feed of oats heated in the oven, blanketing, and placing a bag of hot salt over the loins, will often hasten the coming away of the placenta. If the afterbirth does not come away in 24 hours, it should be removed by introducing the oiled right hand into the uterus, and, with the fingers and thumb, gently release the membranes from the button-like cotyledons, while drawing the placenta gently with the left hand till it is entirely released from the buttons. It is wise to use carbolic oil on the hands and arm to avoid blood-poisoning. Anyone with a little practice can successfully perform this operation, and it should not be neglected.