Every owner of Poultry or Live Stock is constantly fighting against those pesky parasite pests, lice, mites, fleas and ticks, that torment his cows, horses, pigs, sheep and poultry. Zenoleum kills these pests. Zenoleum is harmless, will not poison, is not greasy or dirty, and will not taint milk or meat. It is the choice of the Dominion Government Experimental Farms at Ottawa, at Guelph and by 50 Agricultural Colleges in Canada and U.S.A. At $1.50 tin makes 80 gallons of Disinfectant dip. Write for Booklet. Ask your dealer or send $1.75 cents for a tin containing enough for 5 gallons of dip, carriage prepaid.

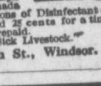
Write for Booklet—"How to Cure Sick Livestock."

Zenoleum Kills Lice

ZENNER DISINFECTANT CO., Sandwich St., Windsor, Ont.

Best Prices for Furs

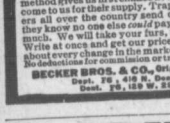
How *much* we can give for furs, not how *little*, is always the question with us. We pay bigger prices because our method gives us first chance at *best* furs, and manufacturers come to us for their country sent catches to us because they know no one else *could* pay more or would pay so much. We will take your furs, too, on the same basis. Write at once and get our price list early. We tell you about every change in the market. You get the prices shown. No deductions for commission or transportation. Liberal grading.



BECKER BROS. & CO., Originators of Classified Price List
Dept. 75, 410 N. Dearborn St., Chicago
Dept. 75, 129 W. 28th St., New York

Big Stumps Out Quick and Easy With a Kirstin One-Man Stump Puller

Lowest Cost On Record



Save Money On Land Clearing

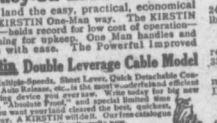
Clear your land the easy, practical, economical way—the KIRSTIN One-Man way. The KIRSTIN costs little—holds record for low cost of operation—costs nothing for upkeep. One Man handles and operates with ease. The Powerful Improved

Kirstin Double Leverage Cable Model

with its Multiple-Speeds, Short Lever, Quick Detachable Connections, Auto Release, is the most wonderful, efficient stump puller ever seen. Write today for big new land clearing device book and special limited time free catalogue, "Absolute Proof," and special cash discount prices. You want your land cleared the best, quickest, cheapest way. A KIRSTIN will do it. Our free catalogue and booklet tell how. Don't wait—write now.

A. J. KIRSTIN CANADIAN CO., 5320 DENNIS ST., Sault Ste Marie, Ont. Made in Canada

$11.00 fits out a work team



This complete draught for heavy teaming includes clip or hook hames, horse straps, wide leather plow pads, belly bands and billets, and the Griffith Giant Rope Tracer, ($12.00 west of Fort William) Giant Rope Tracer alone, complete with malleable ends and electric-weld heel chains at $4 a set! Man, you couldn't repair an old set for that price. Leather traces would cost $45.00 each. ($4.50 west of Fort William.)

$4.00

GIANT Griffith's ROPE Trace

See them at your dealer's or write us for booklet. Address G. L. Griffith & Son, 76 Waterloo St., Stratford, Ont.

AYRSHIRES

AYRSHIRES from RIVERSIDE

We have some splendid offerings, all ages, bred from heavy producers and winners in the ring. Several fine young sires, 10 to 14 months old. In Oxford Ram Lambs and Yorkshire Pigs, we can supply your needs.

Write ROBERT LINTON, Manager, or

HON. W. OWENS, RIVERSIDE FARM MONTEBELLO, QUE.

PEACH BLOW AYRSHIRES

Young Stock for sale, always on hand (both sexes), from high-teating heavy producers. Good udders and large teat a special feature of my herd. Three fine young Sires ready for service. Get particulars of these if you need a sire. R. T. BROWNLEE, Peach Blow Farm, HEMMINGFORD, Que.

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ANGLETWYLD AYRSHIRES

The Leading R. O. P. Herd

Large Cows, Large Teats, Large Records, High Testers. Choice Young Bulls and Bull Calves and a few Cows for sale.

WOODCHESTER HOUSE, R. R. NO. 1, MOOREFIELD, ONT.

HOLSTEIN-FRIESIAN NEWS

Farm and Dairy is the leading exponent of dairying in Canada. The great majority of the members of the Canadian Holstein-Friesian Association are readers of the Canadian Holstein-Friesian paper. Members of the Association are invited to send items of interest to Holstein breeders for publication in this column.

Official Records of Holstein Friesian Cows from July 6 to Aug. 31, 1916.

Mature Class.

1. Helen Mercena Posch, 13915, 6y. 41m. 24d.: 632.6 lbs. milk, 24.65 lbs. fat, 30.82 lbs. butter.

20 day record: 6y. 11m. 24d.: 2646.1 lbs. milk, 102.11 lbs. fat, 127.64 lbs. butter.

McGhee Bros., Beamsville.

2. Ardelia DeKol Tensen, 13709, 5y. 8m. 8d.: 510.8 lbs. milk, 23.43 lbs. fat, 29.28 lbs. butter. D. C. Flatt & Son, Hamilton.

3. Segis Abbekerk, 8748, 12y. 1m. 23d.: 348.7 lbs. milk, 14.88 lbs. fat, 18.60 lbs. butter. Arbogast Bros., Sebringville.

4. Lady Schulling 3rd, 14350, 6y. 6m. 26d.: 463.5 lbs. milk, 14.47 lbs. fat, 18.09 lbs. butter. R. W. E. Burnaby, Jefferson.

5. Senie May Flower, 42385, 6y. 9m. 28d.: 449.5 lbs. milk, 14.41 lbs. fat, 18.02 lbs. butter. W. A. Riley, Weston.

Jr. Four Year Class.

1. Lawnecrest May Echo Twice, 23358, 4y. 3m. 15d.: 473.8 lbs. milk, 17.47 lbs. fat, 21.83 lbs. butter. Allison Bros. Chesterville.

2. Patti DeKol Posch, 24108, 4y. 4m. 24d.: 449.3 lbs. milk, 16.86 lbs. fat, 20.82 lbs. butter. Carmen Baker, Brighton.

Sr. Three Year Class.

1. Canaan Beauty 2nd, 21172, 150 day record: 3y. 6m. 24d.: 1647.5 lbs. milk, 64.64 lbs. fat, 418.5 lbs. butter.

180 day record: 3y. 6m. 24d.: 12178.0 lbs. milk, 382.61 lbs. fat, 478.26 lbs. butter. Dir. Exper. Farms, Ottawa.

Jr. Three Year Class.

1. Shamrock 3rd, 24550, 3y. 1m. 15d.: 404.0 lbs. milk, 12.37 lbs. fat, 15.47 lbs. butter. R. W. E. Burnaby.

2. May Echo Posch, 36074, 150 day record: 3y. 0m. 29d.: 11397.2 lbs. milk, 361.45 lbs. fat, 451.85 lbs. butter.

180 day record: 3y. 0m. 29d.: 13222.7 lbs. milk, 419.64 lbs. fat, 524.55 lbs. butter. Dir. Exper. Farms, Ottawa.

Sr. Two Year Class.

1. Copia Segis Artis, 28421, 2y. 7m. 17d.: 261.9 lbs. milk, 9.1# lbs. fat, 11.42 lbs. butter. R. W. E. Burnaby.

Jr. Two Year Class.

1. Queen Hortense of Hillside, 23081, 2y. 3m. 2d.: 429.3 lbs. milk, 14.65 lbs. fat, 18.31 lbs. butter. W. A. McElroy, Chesterville.

2. Peirdre Douglass Segis, 31842, 2y. 5m. 7d.: 359.5 lbs. milk, 11.96 lbs. fat, 14.95 lbs. butter.

21 day record: 2y. 5m. 7d.: 998.4 lbs. milk, 33.98 lbs. fat, 42.47 lbs. butter. C. Colony Farm, Essondale, B. C.

3. Fayne Ann Pontiac, 30707, 2y. 1m. 5d.: 321.1 lbs. milk, 11.58 lbs. fat, 14.48 lbs. butter. Geo. Smith, Port Perry.

4. Lyons Segis Pet, 29493, 2y. 5m. 4d.: 332.9 lbs. milk, 11.39 lbs. fat, 14.11 lbs. butter. Allison Bros.

5. Maida Segis Duplicate, 31544, 2y. 5m. 13d.: 324.2 lbs. milk, 10.91 lbs. fat, 13.64 lbs. butter.

14 day record: 2y. 5m. 13d.: 653.6 lbs. milk, 24.84 lbs. fat, 36.05 lbs. butter. R. M. Holtby, Port Perry.

6. Jetske Lyons Hengerveld, 32222, 2y. 1m. 20d.: 327.5 lbs. milk, 10.41 lbs. fat, 13.02 lbs. butter. Allison Bros.

7. Colony Meta Shadeland, 30128, 90-day record: 1y. 11m. 24d.: 2452.0 lbs. milk, 195.10 lbs. fat, 243.85 lbs. butter. Colony Farm Essondale, B. C.

From July 16 to Aug. 21, the records of 18 cows and heifers were accepted for the Record of Merit. In the matestry the Holstein-Friesian Posch is in nature class Helen Mercena Posch is the leader with the good record of 30.82 lbs. butter in seven days, and 127.64 lbs. in 30 days. Ardelia DeKol Tensen is a good second with 29.28 lbs. in seven days. Both of these records were made in extremely hot weather, and are very creditable under such conditions. First place in the jr. four year old class is held by Lawncrest May Echo for 180 days with 478.26 lbs. butter from 12178 lbs. milk, while her stable mate at the Central Experimental Farm, Ottawa, makes an even better showing in the jr. three year old class with 534.55 lbs. butter and 13222.7 lbs. milk in 180 days. In the latter class Shamrock 3rd has the only seven day record, viz: 15.47 lbs. butter, while Copia Segis Artis is the only sr. two year old with 11.42 lbs. Queen Hortense of Hillside is best jr. two year old with 18.31 lbs. butter in seven days.

Semi-Official Records of Holstein Friesian Cows from July 1 to Aug. 31, 1916.

Mature Class.

1. Mercena Calamity Posch, 9165, 7y.; 26448 lbs. milk, 833 lbs. fat, 1041.25 lbs. butter. W. Fred Fallis, Millbrook.

2. Maple Fay's Queen, 17180, 5y.; 18609 lbs. milk, 696 lbs. fat, 745 lbs. butter. C. P. R. Demonstration Farm, Strathmore, Alta.

3. Lady Utica Posch, 10138, 7y.; 20597 lbs. milk, 574 lbs. fat, 717.50 lbs. butter. J. W. Cameron, Perth.

4. De Winton Lass, 11887, 5y.; 16565 lbs. milk, 562 lbs. fat, 702.50 lbs. butter. C. P. R. Demonstration Farm, Strathmore, Alta.

5. Gasa Aconeth Calamity, 8814, 8y. 38d.: 17403 lbs. milk, 544 lbs. fat, 680 lbs. butter. T. H. Dent & Son, Woodstock.

6. Victoria Johanna Burke, 14491, 5y.; 14323 lbs. milk, 536 lbs. fat, 670 lbs. butter. Irvine Hornby, Munson, Alta.

7. Nina Gem Lutske, 10674, 6y.; 15453 lbs. milk, 463 lbs. fat, 577.50 lbs. butter. Dir. Exper. Farms, Lacombe, Alta.

Four Year Class.

1. Della Schulling DeKol, 16530, 4y.3l6d.; 15676 lbs. milk, 592 lbs. fat, 740 lbs. butter. T. H. Dent & Son.

2. Princess Jean Land Teake DeKol, 16084, 4y. 202d.; 13481 lbs. milk, 463 lbs. fat, 586.25 lbs. butter. John B. Wylie, Almonte.

Three Year Class.

1. Queen of Highland Farm, 19330, 3y. 88d.: 13426 lbs. milk, 445 lbs. fat, 556.25 lbs. butter. Robert Campbell, Rosenath.

2. Lady Verbia 39734, 3y. 132d.; 13166 lbs. milk, 436 lbs. fat, 545 lbs. butter. Elwood Rymal, Dundas.

3. Elmdale Inka Mink, 3y. 67d.; 8839 lbs. milk, 328 lbs. fat, 416.25 lbs. butter. C. H. Burrill, Brantford.

Two Year Class.

1. Cherry Grove Meta Faforit, 29366, 2y. 4d.; 14612 lbs. milk, 488 lbs. fat, 610 lbs. butter. Wm. Stock, Tavistock.

2. Blanche Segis Hengerveld, 28484, 1y. 357d.; 10643 lbs. milk, 357 lbs. fat, 446.25 lbs. butter. W. A. Durant, Chesterville.

3. Countess Echo Keyes, 28675, 2y. 76d.; 11177 lbs. milk, 344 lbs. fat, 430 lbs. butter. Wm. McLaren, Perth.

4. Betta Lyons Korndyke, 28483, 2y. 359d. lbs. milk, 317 lbs. fat, 396.25 lbs. butter. W. A. Durant.

5. Sarah McKenzie, 27093, 2y. 160d.; 10019 lbs. milk, 317 lbs. fat, 396.25 lbs. butter. L. Dec. MacIntosh, Hartland, N. B.

6. Keyes Echo, 28674, 2y. 113d.; 8355 lbs. milk, 280 lbs. fat, 350 lbs. butter. Wm. McLaren, Perth.

During the months of July and August the records of eighteen cows and heifers were accepted for entry in the Record of Performance. In the mature class Mercena Calamity Posch makes the splendid record of 1041.25 lbs. butter and 26448 lbs. milk, giving her first place for milk and fourth place for butter among all the cows that have qualified in the Record of Performance work. Maple Fay's Queen comes second with 745 lbs. butter from 18609 lbs. milk. Della Schulling DeKol leads the four year old class with 740 lbs. butter from 15676 lbs. milk. Queen of Highland Farm is best three year old with 556.25 lbs. butter and 13426 lbs. milk, while Cherry Grove Meta Faforit stands highest in the two year old class with the good record of 610 lbs. butter from 14612 lbs. milk.

W. A. Clemons, Secretary.

HOLSTEIN AND HOLSTEIN GRADES AT THE O. A. C.

THE following are the records of Holstein and Holstein grades at the O. A. C. for the year ending Aug. 31, 1916. R. O. P. rules were followed in compiling these records:

Young Springwood, 5 yrs. old: 20,118 lbs. milk, 821.12 lbs. fat, 1,026 lbs. 80% butter.

Blackie (Grade), 15 yrs.: 17,119 lbs. milk, 639.71 lbs. fat, 799 lbs. butter.

Molly Rue Rattler, 3 yrs.: 16,975 lbs. milk, 640 lbs. fat, 800 lbs. butter.

Molly Rue, 9 yrs.: 16,466 lbs. milk, 662 lbs. fat, 753 lbs. butter.

Tottilla Rue 2nd, 4 yrs.: 15,253 lbs. milk, 554 lbs. fat, 693 lbs. butter.

Margaret Cornucopia, 10 yrs.: 14,978 lbs. milk, 554 lbs. fat, 693 lbs. butter.

Beauty of O. A. C., 5 yrs.: 14,431 lbs. milk, 535 lbs. fat, 669 lbs. butter.

Barbara (Grade), 6 yrs.: 14,702 lbs. milk, 509 lbs. fat, 636 lbs. butter.

Mercena Netherland, O. A. C. 2nd, 5 yrs.: 14,515 lbs. milk, 483 lbs. fat, 604 lbs. butter.

Tottilla Rue, 5 yrs.: 14,041 lbs. milk, 513 lbs. fat, 641 lbs. butter.

Beauty of O. A. C., 12 yrs.: 13,083 lbs. milk, 418 lbs. fat, 522 lbs. butter.

Molly Rue 2nd, 4 yrs.: 12,677 lbs. milk, 467 lbs. fat, 586 lbs. butter.

Mercena Netherland, O. A. C. 3rd (3 teats), 4 yrs.: 11,122 lbs. milk, 404 lbs. fat, 505 lbs. butter.

Average of 13 cows, three years old and upwards (the whole herd): 15,072 lbs. milk, 551 lbs. fat, 689 lbs. butter.

Average per cent. fat, 3.6%.

It will be noticed that the average for the herd of thirteen cows of Holstein breeding is over 15,000 lbs. milk and 689 lbs. butter fat. Compared with the records of 122 mature cows that qualified in the R. O. P. in the year ending April 1st, 1916, it is found that the College herd has produced over 600 lbs. milk and 100 lbs. butter fat better than the average of those which represent the best, of the various good herds throughout Canada. Half these records, including the highest ones, were made by cows that were milked only twice each day throughout the year.

Holstein Awards a

Holstein.

Bull, 3 yrs. or over.—Geo. Bloomfield; Harry Platfor noon.

Bull, 2 yrs. or over.—Pur ens, Bloomfield; C. Mallory, Bull, yearling.—Amos T. H rows; McGregor Young.

Bull Calf, under 1 yr. and Purtelle & Leavens; Peter Cave field; W. H. Gough; McG J. E. Huff & Son, Bloomfie

Bull Calf, under 6 mos Leavens; Peter Cave.

Cow, milking.—1st and Leavens; Peter Cave; W Geo. Foster & Son.

Cow, dry.—Amos T. Hud

Heifer, 3 yrs. old, mil Gough; Purtelle & Leavens; Purtelle & Leavens; Clarenc

Heifer, 2 yrs. old, milking Leavens; Geo. Foster & Son; Purtelle & Leavens;

Heifer, yearling.—1 W. H. Gough; McGregor Y gar Martin; Peter Cave.

Heifer, 2 yrs. old, dry.— Clarence Mallory; McGregor

Heifer Calf, under 1 yr. Ist and 2nd, Purtelle & Lea Gough; Clarence Mallory; Leavens.

Heifer Calf, under 6 mos. Leavens; J. E. Huff & Son Mallory; W. H. Gough; McG

Herd, 1 bull, 4 females, o Purtelle & Leavens.

Herd, 1 bull, 4 females, 2 y Purtelle & Leavens; Clarenc J. E. Huff & Son.

Get of 1 cow, 3 females ov 1st and 2nd, Purtelle & Lea Huff & Son.

Get of 1 sire, 3 females ov Purtelle & Leavens; Clarenc Peter Cave.

The results from the Toronto in the way of sales still come E. Hubel, Norwich, reports Prince Bonheur Abbekerk, champion bull at Toronto and Mr. Noel Marshall, to go to his at Dumbarton, Ont. Four hei to Mr. C. Steakes, Detroit, Mi ter were the second prize co third prize dry cow, champio heifer, and the two-year-old Ed. and Count Canary. Good p realized for this lot and no t found in getting them to pass mile long.

Mr. Clarence Mallory, Bloom had a very imposing exhibit at Edward county fair, held at Sept. 20-23. Among those we pass sired by a brother of Ke Keyes, and all of which Mercena Posch for grand da heifer calves by King Segis Alca ford, herd sire of Messrs and Purtelle, were shown. The stars, in common with others great sire, demonstrate his pre they all possess his good type indications of great producing

33 FEMAL

4 Miles north of Brig

NORMAN MC

HOTEL