#### HOLSTEINS

ELMDALE DAIRY MOUSTEINS

A few Females for sale. Calves, Year-lings or Cows. 50 head to select from Most of the young stuff sired by Paladin Ormsby (7815). Service bulls, Paladin Ormsby and Highland Calamity Colantha

PRED CARR. BOX 115. ST. THOMAS. ONT.

RIVERVIEW HERD

Offers Ball Calf, dam 15.96 lbs. jr. 2-year-old; her dam a 27 lb. cow and G. dam a 32 lb. cow and G. dam a 32 lb. cow and G. dam and whose dam and her daughter, dam and G. dam of his sire average for the four 30.17 each. Also a few A. R. O. cows. P. J. SALLEY - LACHINE RAPIDS, QUE.

#### **JERSEYS**

PEDIGREED

## Jersey Cattle

Of splendid strain. Also Berkshire Pigs, ranging in age from 6 weeks up. Prices reasonable. Apply to THE MANAGED. · MAXWELTON FARM ST. ANNE DE BELLEVUE, QUE.

#### AYRSHIRES

# **Tanglewyld Ayrshires**

Champion Herd of High-testing Record of reformance Cows
of Young Bulls and Bull alves for sale from R. O. P. dams, and by oyal Star of Bonnie Brae, a son of Eileen, of P. test, 13,825 bs. milk and 6354 bs.

WOODDISSE BROS. . ROTHSAY, ONT.

#### SUNNYSIDE AYRSHIRES

Imported and Home-bred, are of the choicest breeding of good type and have been selected for production. THREE Young Bulis dropped this fall, sired by "Nother Hall Good-time"—25,44—(Imp.), as well as a few females of various ages, for sale. Write or come and see.

J. W. LOGAN, Howick Station ('Phone in house.)

LAKESIDE AYRSHIRES We are offering a number of fine You Bulls of different ages, sired by "Bare sekls Cheerful Boy" (Imp.) No. 28.79. To of them are from dams already entered the Advanced Register, while the dams a number of the others are at present u der test for the Record of Performance.

LAKESIDE FARM, PHILIPSBURG, QUE. GEO, H. MONTGOMERY, Prop. 164 St. James St., Montreal

#### **Burnside Ayrshires**

Winners in the show ring and dairy tests. Animals of both sexes, Imported or Canadian bred, for sale. Long distance 'Phone in house

R. R. NESS. · · HOWICK, OUE,

TROUT RUN AYRSHIRE BULLS

INCUIT ROTA ATROTHED BUILD.

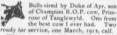
I offer four particularly choice Ayrahire Bulls

it for sorvice, all from high record performance
also spare a number of choice female of firerat
ages, some now free-weed others due to fresher
Prices low considerin, quality. Also one Exhibition pair of large Toulouse Geese \$6. E.P.

MULLI LAB THORN TOURLY SUR STOCK E.P.

MULLI LAB THORN TOUR SUR STOCK EAST WILLIAM THORN, Trout Run Stock Farm L. D. Phone in house LYNEDOCH, ONT.

## AYRSHIRES FROM CHAMPIONS



Will also spare A FEW YEARLING HEIFERS by Auchenbrain Albert (Imp.). These will be bred to Duke of Ayr.

Also a few **HEIFER CALVES** by Duke of Ayr. Write me for particulars and take this opportunity to add the best to your herd or to start a foundation.

W. W. Ballantyne & Son R. R. No. 3 Stratford.IOnt

Grace Fayne Faforit, M. C. Moore, Alv. mer, Ont., \$120.

M. L. Haley, Springford

Alice Mercedes De Kol, Edward Maxwell,

135. Lily Burton De Kol, Maurice Breen, In-Homewood Cornelia, Raymond Cowan.

Alleonhung 8250 illsonburg, \$250. Princess Gazella De Kol, Joseph Wil-amson, Delmer, Ont., \$175. Bessie Mercedes Pauline, N. Michener,

Bessie Mercedes Pauline, N. Michener, Red Deer, \$140, Grace Fayne Queen, Edward Maxwell, Ste. Anne de Bellevue, \$165. Gazella May, W. Spence, Rosthern,

Sask., \$110.

Belldina Posch. Wm Prouse, Tillsonburg, \$190.

Dereham, W. Spence, Rosthern, \$160. Prince Colantha Fayne, T. B. McKenzie, Lynedoch, Ont., \$20. Geo. Rice, Tillsonburg
Ruby Jean, Wm. Prouse, Tillsonburg

Albino Mercena Pride, W. Spence, Ros-Albino Mercona Pride, W. Spence, Ros-thern, Sask., \$60. Rosa Belle Posch 3rd, W. J. Thompson, Langton, \$55. Mona Grace, A. Robertson, Keremoes.

B C., 8155 B. C., \$155.
Vida Princess 2nd's Pledge De Kol, F.
J. Brown, Brownsville, Ont., \$150.
Miss Guillemette Posch, W. Spence, Rosthern, Sask., \$150.

L. H. Lipsit, Straffordville

Kathleen De Kol, A. Robertson, Kere-Oes, \$185. Primrose Pauline De Kol, W. Spence, Primrose Pauline De Kol, W. Spence, tosthern, Sask., \$145. Primrose Bleshe Butter Baroness, F. J. irown, Brownsville, Ont., \$156. Schuling Starlight Wayne, F. J. Brown,

Brownsville, \$280.

Daisy Alfaretta Korndyke, John Leigh,
Ingersoll, \$160.

Ingersoll, 8160.
Fayne Burke Calamity, N. Michener, led Deer, \$115.
Lauretta Burke Fayne, N. Michener, Red

Madolyn De Kol, W. Spence, Rosthern.

E. Netherland, F. J. Brown, rownsville, \$225.

Bessie Pontiac Lyn, N. Michener, Red Bessie 1 beer, 8195

Emily Netherland, G. A. Hogg, Thamesford, Ont., \$340.

Hillview Burke Beauty, Edward Maxwell,

milivew Burke Beauty, Edward Maxwell, Ste. Anne de Bellevue, S195 Lizzie Posch, F. J. Gregg, Ingersoll, \$160. King Segis of Forest Ridge 2nd, Wm. Drandall, Tilleonburg, \$130. Dorliska Persistent Mercedes, F. J. Brown, Brownsville, \$201.

Primrose Calamity Mercena. F. J. Brown, Brownsville, 8180. Aaggie of Riverside 2nd, A. Robertson.

Auggie of Riverside 2nd. A. Robertson. Keremose, 82%. Minster Maid De Kol, John Simpson, Ridgeton, 8170. King Segis of Forest Ridge 1st, W. C. Holtby, Bellmont, Ont., 8135. Gladys May, A. Robertson, Keremose, 2012.

R. J. Kelly, Tillsonburg Roxie's Choice of Campbelltown, E. F. Johoe, New Durham, 8120. Pietje Young, Geo. Smith, Manchester,

Flossie De Kol Teak, N. Michener, Red Deer, \$105 De Kol Teak, W. Spence, Ros

hern. \$150. Idaline Pauline De Kol, M. Richardson. Caledonia, \$190. Idaline Ladoga of Campbelltown, J

Moote, Canboro, 8210.

Grace Rose of Campbelltown, S. Rogers,
Weston, \$165.

Mercedes of Campbelltown, Edward Max-well, Ste. Anne de Believue, \$195. Dora of Campbelltown, F. J. Gregg, In-gersoll, \$110.

Ruby's Korndyke, John Leigh, Ingersoll, Hagersville Bessie Queen, Wm. Prouse, Ingersoll, 8235.
Bessie's Queen, W. Spence, Rosthern,

## BRYANT HOLSTEIN SALE

BRYANT HOLSTEIN SALE
Satisfactory prices were realized by Mr.
W. A. Bryant, Cairmgorm, Ont. at his
auction sale of Holsteins held recently.
Following are the sales:
Homestead Colantha Bir Abbekerk 2nd,
W. S. Shearer, Listowel, \$150.
Laurel Segle Korndyke, L. Lipsti, Straffordville, \$156.
Ruby De Kol, Isaac Rush, Norwich, \$156.
Ruby De Kol, Isaac Rush, Norwich, \$156.
Milrier Princess Gretqui, A. Thompson,
Watford, \$256.

Adelaide Brook Ormeby, Isaac Rush, Daisy Gretqui De Kol. W. S. Shearer.

8286.
Hillview Dolly De Kol, J. M. McCutcheon,
Thamesville, \$136.
Queen Bess Burke, Jas. McLaren, Lon-

don, \$155. Hillview Burke Beauty, L. Lipeit, \$135. Rosabelle De Kol, J. M. Boeckh, Concord,

225. Hillview Pearl, Isaac Rush, \$125. Woodcrest Ormsby De Kol, L. Lipsit, 180. Lilly Gretqui De Kol, J. M. Boeckh, \$180 Susie Gretqui. Isaac Rush, \$145. Joan Beauty. Isaac Rush, \$156. Princess Gretqui De Kol, W. S. Shearer.

Gertie Gretque De Kol, Isaac Rush, \$170. Gertie Gretque De Kol, Isaac Rush, \$170. Lillie Mac, Isaac Rush, \$100. Gertie Ormsby Gretqui, Henry Stead. London, \$170. Laasie Ormsby, L. Lipsit, \$110. Lida Beauty De Kol, Jas. McLaren, \$105.

THE MILK OF THE HOLSTEIN

THE MILK OF THE HOLSTEIN Under the above heading, a correspondent of the "Farmer and Stockbreeder," writes: "The eminent physiological chemist, Dr. Hallburton, has said that the stock of the said that the said of the said that the said that

#### Those Bulls! Why Keep Them Any Longer?

Why not make sale for your surplus pure-bred stock?

Why keep it any longer to eat its head off when there are eat its nead off when there are amongst "Our People" who read Farm and Dairy, hundreds of people whom if they knew what you have for sale would buy it at your own price!

Fix up an advertisement tonight, and send it to Farm and Dairy, and have it in these col-umns for a few weeks.

It'll speak to over 16,000 pos-sible buyers! Cost you only \$1.40 per inch, or \$1.00 for 10 lines per Insertion.

Other progressive breeders sell their stock this way. You can too. Try it. Make your start now. It will pay you.

sification or the amaliness of the fat glo-bule. The percentage of fat in human milk is also less than that of the ordinary cow, and considerably less than that of the Jersey, and it would appear that the feeding value of milk for infants does not depend upon its richness in butterfat, and depend upon its richness in butterfat, and ad upon its richness in burning well the agricultural community as well the agricultural community as well as the general public has yet some n concerning the nutritive milk of the different breeds. the nutritive value of

"It is undoubtedly the smallness of the fat globule which makes the milk of the Holstein valuable for infants and in-valids. It is interesting in this connec-tion to note that Dr. Voceleer, in a re-port on goat's milk (which is frequently prescribed when an infant cannot assimilate cow's milk), attributes its comparative digestibility to the smallness of its lat globule."

#### COW TESTING MAKES PROFITABLE DAIRYING

Cow testing work represents one of the best and easiest ways of making dairying more profitable and desirable. This is a conclusion reached by the Nebraska Experiment Station in bulletin 129, giving the results of one year's work of the Douglas County Cow Testing Association. Douglas County Cow Testing Association. Twenty-one herds, comprising some 435 cows, were entered. The 16 most profitable cows gare, during the year, a product worth \$1,62.58 more than the value of the feed consumed. The 10 least profitable cows returned in all only \$57.55 more than the value of their feed, and when the value of their feed, and when the other items of expense are considered, the contract of the their owners a decided

January v., to the lot gare \$4.1 for every dollar's worth of feed consumed, while the poorest gave only 55 cents for exery dollar's worth of feed consumed, while the poorest gave only 55 cents for each dollar's worth of feed to gave the consumed of the sander of the builetin truly says. The says of the same that the builetin truly says on many farmers have destinated as yet on the milk sufficiently often to enable them to discover and weed out of their herd to discover and weed out of their herd to discover and weed out of their herd builting the says of the milk sufficiently often to enable them to make feel greatly of the herd builting the says of the says

rrtinent.

The bulletin gives a picture of a Hoein bull which heads a herd of pared Holstein cows that produced an avere of 10,029 pounds of milk and aveage of 10,029 pounds of milk and 665. pounds of butter during the year of the test. If the butter was in amount one-sistin more than the butterfat, those cow-averaged to produce milk containing close to 359 per cent. of fat. Three cows in the test exceeded 12,000 pounds of milk per powers are the companies of the con-taining 350 per cent. of fat. The powers of 12,200 per cent. milk.

pounds of 2.82 per cent. milk.
The production of the five best herds
was 8,55 pounds of milk per cow. The
production of the five poorest herds averaged 5,444 pounds of milk per cow per
year. The product of the better herds was
50 per cent. more than the product of the per cent. more than the product of oper ones, while the difference in 50 per cent. more than the product of the poorer ones, while the difference in the expense of keeping them was trivial. If it costs \$100 per year to keep a cow producing 4,000 quarts of milk the cost per quart is three cents. If it costs \$100 except a cow producing 2,700 quarts, the cost per quart is four cents.

#### "GOOD WILL TO MEN" (Nebraska Farmer)

We believe the world has never received We believe the world has never received from any source a body of teaching equal to that recorded in the four Googele of the Bibb as completed in the four Googele of the Bibb as completed in the first of the Bibb as completed in the source of the source

The first of these have been emply The first of tasse have been emphasized most, and with good effect, for wherever charitainity is taught men and women on charitainity is taught men and women on the control lives of the control lives and the control lives are controlled to the control lives of ost, and with good effect, for wherever the man across the road

our coar some mum our negators to the man across the road the man across the road the man across the road neglect across the road not that ought to large a road not contain the road not contain the road of the road not contain the road of the road not contain the road of the road of the road of the road of the road land appropriated in the road of the road land appropriated in the road of the road workers, the situation is very different but it is hard to get away from the in dividual idea of religion so securely fa-tened upon the road of the road upon us by long experience.

dividual idea of religion so securely fa-tened upon us by long experience. We believe that from this time for-ward the church will more and more em-phasias the importance of social religion. Indeed, the prospects were never brighter for a rapid realization of the social ideal-that Jeans taught.

## **Agents Wanted**

A man wanted in every dairy district to collect renewals and get new subscriptions. Hustlers needed who will cover the district thoroughly by spring. State occupation and if can work entire or spare time.

FARM AND DAIRY, Peterboro

RAAAA OU F 2222 DD

Ta

LOWE having as in an housed. lot of c hens are chickens, and duck —G. A.

LENNO data to date busy with prospects are chea bringing butter, 30 beef, 7c t DOMVII

and the very high place an 841 a pie which is \$15: bran, \$27.50: oat to 45e: ch 50e to 60e are gettin CHAPMA tinues was supply of cient for

good dema 814: potate 86 a piece WATERL to look ove and, where resolutions had fine sle are busy i wood, and chores in c cently a

Waterloo, Christmas butter, 32c; RAVENN his county ed help provided to a hands that ing year. I for by the Mr. Hugh of the total transfer the county immediately and the county of the county and th immediately
Duff will peach man, a

BR CHILLIWA a good open sells at \$12 45c. We hav growth. The and many of are again Tances -J. C.

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