

SMALL ADS.

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Medical Directory.

DRS. JAMIESON & JAMIESON
Office and residence a short distance east of the Hahn House, on Lambton Street, Lower Town, Durham. Office hours: 2 to 5 p.m., 7 to 8 p.m., except Sundays.

J. G. HUTTON, M.D., C.M.

Office: Over, A. B. Currey's office, nearly opposite the Registry Office. Residence: Second house south of Registry Office on East side of Albert Street. Office hours: 9 to 11 a.m., 2 to 4 p.m. and 7 to 9 p.m. Telephone communication between office and residence at all hours.

J. L. SMITH, M.B., M.C.P.S.O.

Office and residence, Corner of Countess and Lambton Streets, opposite old post office. Office hours: 9 to 11 a.m., 1.30 to 4 p.m., 7 to 9 p.m., Sundays and Thursday afternoons excepted.

DR. BURT

Late Assistant Royal London Ophthalmic Hospital, England, and to Golden Square Throat and Nose Hospital. Specialist: Eye, Ear, Throat and Nose. Office: 13 Frost Street, Owen Sound.

DR. BROWN

L.R.C.P., London, England. Graduate of London, New York and Chicago. Diseases of Eye, Ear, Nose and Throat. Neustadt, Ont.

Dental Directory.

DR. W. C. PICKERING, Dentist. Office: Over J. & J. Hunter's Store, Durham, Ont.

J. F. GRANT, D.D.S., L.D.S.; Honor Graduate University of Toronto, Graduate Royal College Dental Surgeons of Ontario. Dentistry in all its branches. Office: Over D. C. Town's Jewellery Store.

Legal Directory

A. B. CURREY
Barrister and Solicitor
Durham and Hanover. Money to Loan

LUCAS & HENRY
Barristers, Solicitors, Etc.
Markdale, Durham and Dundalk. A member of the firm will be in Durham on Tuesday of each week. Appointments may be made with the Clerk in the office.
I. B. Lucas, K.C. W. D. Henry, B.A.

Licensed Auctioneer

DAN. McLEAN
Licensed Auctioneer for County of Grey. Satisfaction guaranteed. Terms reasonable. Dates of sales made at The Chronicle Office or with himself.

J. RAINFORD

Piano Tuner
Durham, Ontario.
General expert. Repairs a specialty. Orders left at H. J. Snell's Music Store promptly attended to. D153m

MILK REDUCED TO 10c.

Mr. W. R. Watson, milk vendor, wishes to announce that he has reduced milk to 10c. a quart, and cream to 55c., and is prepared to supply any quantity. Wash bottles and return promptly, as they are needed in the business. 22 tf

FOR SALE

Good double house and comfortable frame house in Upper Town; hardwood floors, two mantels, hot air heating; large clothes closets in bedrooms; good cistern; hen-house; one-half acre of good garden land. Cheap to quick buyer.—R. J. Matthews, Durham. 32 tf

FOR SALE

A good home. Apply to Joseph A. Brown, Durham. 16 tf

WOOD FOR SALE

Hard and soft. Apply to Zenus Clerk, Durham. 727 tf

SHIPPING EVERY SATURDAY

Mr. Arnold D. Noble informs us that hereafter he will ship Hogs from Durham every Saturday forenoon. Highest prices paid. 11 23 tf

FOR SALE

1 second-hand Gasoline Engine, 3 1/2 horsepower, in good running order, for \$25.00. Also Brantford Iron Pumps, the easiest working and cheapest pump on the market. \$7.00 and up.—W. D. Connor, Durham, Ontario. 3 16 tf

TEACHER WANTED

Qualified teacher for S.S. No. 11, Bentinck, County of Grey, to commence after New Year's; state salary and experience. Apply at once. Chas. Lawrence, R.R. 2, Durham, Ont.

FARM TO RENT

200 acres on Con. 6, Bentinck. Apply to J. H. Chittick, R.R. 4, Elmwood. 12 21 2

STRAW FOR FEEDING

A Great Factor for Carrying Over Live Stock.

Of Most Value When Cut Early—Oat Straw Best of the Cereals—Old and Musty Straw Not Desirable for Live Stock Feedings.

(Contributed by Ontario Department of Agriculture, Toronto.)

The quantity of straw consumed by the live stock of Ontario amounts to many thousand tons each year. It is important as a feed, but unfortunately its value is frequently overrated. Straws, the by-products of different grains, have different values. The line of demarcation between hays, straws and fodders is not clear, but generally speaking straw is the by-product of ripened grain or forage plants, being made up of the dry leaves and stems. The nearer the plant is to the mature condition at time of harvest the lower the feeding value, because of the concentration of the nitrogenous and fat properties in the developing and ripening seed.

Straw Best When Cut Early.

The straw from over-ripe grain is generally hard in character, unpalatable and indigestible; while the straw from grains cut on the green side are softer, more palatable, and generally contain a higher percentage of digestible matter. The hard condition of some varieties of straw causes such to be almost useless as a feed. Even if such fodder has a feed value, that value cannot be satisfactorily extracted by the digestion processes of our domestic animals.

Varieties of Straw Feed.

The straws generally used for stock feeding are oat, barley, wheat, pea and clover. Others such as timothy, flax, bean and rye straws are sometimes used, but with indifferent results. Oat straw, the best of the various straws for feeding, carries considerable feed value as indicated by chemical analysis, but unfortunately a large percentage of the nourishing properties cannot be extracted by the digestion processes of our domestic animals. What is true of oat straw is more pronounced with the other varieties of straw, the harder and drier such are the less the animals can extract from them.

Oat Straw is a Good Bulky Feed.

Oat cattle can be used as a feed for cattle, horses and sheep, during the autumn and winter period to supply bulk and some nourishment to the ration. Dry cattle can use large amounts of oat straw as a maintenance feed. Horses that are not at work can use oat straw, as a large part of their ration. Straw is too bulky for horses at moderate or hard work.

Barley straw, if free from beards, ranks next to oat straw as a feed, and may be used as a roughage, but a good part of the animal maintenance must come from some other source.

Wheat Straw Poorer—Also Rye.

Wheat straw has a lower value than barley straw, and serves to give bulk and a small part of the required nourishment to the animal. Wheat straw as a supplement to roots and silage in winter feeding plays an important part in the maintenance of young and dry stock. Rye straw is generally so hard and indigestible as to be of little use as a stock feed. Clover and other legume straws while containing compounds of considerable feed value are frequently so hard and unpalatable that the animal can make only partial use of them. Pea and vetch straws are generally the most valuable of the legume straws. Dry sweet or red clover straws or alfalfa stems carry a feed value that is generally out of reach of the average farm animal's stomach, unless these materials are steamed or finely ground.

Old and Musty Straws Are Not Desirable.

Old, dry and musty straws have little or no feed value, fresh soft and clean straws no matter from what source can generally be used to good advantage by all live stock if care is taken to prepare such in a manner that will aid the animal organism to extract the nourishing elements. Cutting, steaming, or mixing with other feeds to increase palatability and digestibility is always advised.—L. Stevenson, Sec., Ontario Department of Agriculture, Toronto.

Vegetable Matter.

The advantage of matter in the soil may be summed up as follows: It aids aeration, retains moisture, prevents baking, provides conditions suitable for bacteria, aids decomposition of soil particles, supplies plant food, deepens soil layer, prevents leaching, washings and drifting. Every opportunity to return to the soil vegetable matter of any sort should be taken advantage of by all farmers having any respect for the soil of their field.

Continuous grain cropping decreases the productivity of soils. This is due largely to the reducing in quantity of the fresh vegetable matter in the soil that is essential to chemical and bacterial action. Without chemical and bacterial action in the soil the feeding of plants would be difficult.—L. Stevenson, Toronto.

Save Shelling Peas.

Save shelling peas by using the following method: Wash, and put the unshelled peas in a steapan. Boil ten or fifteen minutes; stir thoroughly with a fork, then pour them into a colander, saving the water. Pick out the empty pods, put the peas in the strained water, and return all to the fire. Season as usual. You will have saved the sweetness from the pods and much valuable time.

Problems of the Farm

Contributed by Grey County Department of Agriculture

Increasing Demand for Farm Products.

"If our lambs were all wether and ewe lambs we could ship them to the United States and sell against the best States products." Such is the statement of one of the largest buyers in Canada. Moreover, the same writer states that Canadians eat 132 pounds of meat per year. Of this only 10 1/2 pounds is lamb or mutton. In England they eat 26 pounds of mutton and lamb per year.

Occasionally one hears the suggestion made that Canadians should lessen production. How much will be gained if only one-half of the produce now grown is produced but sold at twice the price? It would amount to the same thing in the end. Would it not rather be better to double the production, improve and advertise the merits so that wider markets and greater demands would be created?

Five years ago the Raisin growers of Fresno County, California, found they had 20,000 to 30,000 pounds of raisins more than they could sell. They could not get the cost of producing them when they wanted to sell. The agreed to organize the Sun Maid Raisin Growers' Co-operative Company. To-day they have increased the acreage 300 per cent., and find they cannot supply the demand. They spend \$250,000.00 in advertising. Did it pay? They have larger markets now. They sell at a rate which not only pays them to grow raisins but also to increase the acreage. Ontario farmers can do likewise. Is it not time to try?

Canadian Bacon.

The following is an extract from the Manchester Guardian, one of the most influential English newspapers, in their October 31 issue. It appeared in the Canadian Farmer recently. "Canadian Bacon is forging ahead. The market cannot meet the demand for it. A most interesting experiment is being carried out. A quick route has been organized and Canadian bacon is now reaching England in ten days. Some lovely sides of Canadian bacon were seen last week. The clean, white wrapping was admirable. The bacon looked fresh and sweet and well proportioned in lean and fat. A slice actually fried in the warehouse revealed a flavor which was equal to the very best Danish. Yet it is 3d. to 4d. a pound cheaper than Danish. It is hoped that this enterprising Canadian experiment will be successful.

Although the reason is not given for the loss of the trade, it is due entirely to the fact that Canada has not sent a steady and regular supply of Wiltshire sides of high quality. We held the lead in Britain during the war but the Danish people have captured the bulk of the trade now.

The only way to secure the Danish premium of 3 to 4 pence per pound (6c. to 8c.), is to increase the percentage of "select" bacon type hogs. Once a steady supply is produced by the farmers a regular and constant stream of Wiltshire sides will be taken by Britain at increasing prices. More exports depends on better quality, and quality must be inbred in the hogs by the farmers. Use good sires.

Increasing Trade in Great Britain.

Dr. J. H. Grisdale, Deputy Minister of Agriculture, Ottawa, who has just recently returned from Great Britain has made the following recommendations to the Minister of Agriculture, Hon. W. R. Motherwell:

1. That a man be appointed to study the conditions and make recommendations of the demands of the British consumers.

2. That we make effective displays at shows and exhibitions and participate in all large exhibitions in the Old Country, especially in the Imperial Exhibition, to be held at London in 1924.

3. More thorough grading of all produce exported must be brought into effect at once. This is only done in eggs now and Canada stands first in quality of all exporters except Holland, whose eggs reach England in 24 hours.

4. Carrying on of propaganda with reference to the improvement of all products and impress upon the farmer his position and responsibility to improve the quality.

5. Lower freight rates and experiments to compare the better method of shipping cattle as live animals or chilled beef. In conclusion Dr. Grisdale says the British people are partial to Canada and every consideration will be given our farm products. His final word is, "Canada, Wake Up!" Success and prosperity await our every effort but failure follows in the wake of the course we now pursue as there is nothing attained by our competitors as above referred to that we may not equal or surpass.

Flesherton.

(Our own correspondent.)

Dr. and Mrs. Murray and Rev. and Mrs. Oke and daughter visited Mrs. R. Bentham in the hospital at Owen Sound on Friday. Mrs. Bentham is recovering from an operation and hopes to return home soon.

Mrs. Alex. Cameron, wife of ex-Deputy Reeve Cameron, who underwent an operation for appendicitis in Collingwood hospital, is making good progress and hopes to be home for Christmas.

Mrs. (Rev.) Lowndes has returned to her home at Newmarket after an extended visit with her daughter, Mrs. E. C. Murray, here.

Nurse Wilson left on Monday to take care of a patient at Walkerton. Mrs. Fred Mathewson is visiting her daughter at Owen Sound.

Miss Aleda Mitchell left last week to visit over the holiday season with her sister at Iroquois Falls.

Mrs. Percy Russell and little daughter of Weyburn, Sask., are visiting the former's parents, Mr. and Mrs. William J. Henderson, and other relatives. Mrs. Russell came specially to visit her mother, who is ill.

Mr. F. D. Cairns spent the past week at McTier visiting his brother and sister there.

Mr. C. E. Jennett of Toronto, formerly in the Standard Bank here, is visiting his old friends.

Mr. R. W. Paton is home from Knox College for the holidays, and Mr. George Mitchell is home from Toronto University to spend the holidays.

Miss Edna Ferris is home from Toronto Normal school to holiday. Mr. Frank Stewart is home from North Bay Normal school for the holidays.

Mr. Clare Oke is home from Victoria College for the holidays and preached for his father in the Methodist Church on Sunday evening. His sermon on the divinity of Christ was thoughtful. A male choir of fourteen voices rendered two numbers and led the singing heartily.

Alex. McLean of Priceville, a high school student here, was seized last week with pleurisy at the home of Mr. W. Meads, but under Dr. Turnbull is recovering.

Mr. John Blackburn's friends were pleased to see him out again on Saturday after confinement to his home for several weeks with severe illness.

We were sorry to learn by letter received last week of severe affliction borne by Mr. Andrew Cullen of New York State, a former old resident of Artemesia, and brother of Mr. Johnston Cullen, Flesherton. Mr. Cullen has been suffering for a long time with achrois trouble which some months ago affected one eye and destroyed the sight.

Rev. and Mrs. Fowler attended a christening at the home of Mr. and Mrs. Milton Bannon, Toronto Line, on Wednesday evening last, when two of her children, John Maxwell, and Kathleen, were baptized by the family pastor.

Artemesia Council and the village Council held their statutory meeting last week to wind up the business of the year. Municipal matters are quiet and we have not yet learned of aspirants for office for the coming year.

Mrs. Matilda Carwardine, an old lady of 88 years, died at the home of her daughter, Mrs. Richard Hoy, on Friday last. After service at the house on Sunday morning, conducted by Rev. F. G. Fowler, the remains were taken to Varney, the old home of the deceased, where interment was made.

Mrs. McDonald, Sr., mother of Mr. Donald McDonald, near Eugenia, died at Markdale on Saturday. After service there on Monday, the remains were brought to Salem cemetery for burial. Rev. F. G. Fowler of this place conducted the last rites at the grave.

The ladies of the Baptist Church at Ceylon held a successful bazaar on Saturday. Anniversary services, also successful, were held on Sunday, conducted by Mr. Vose and Mr. Jones, McMaster University students who are supplying this charge during the winter. Sunday morning service here was withdrawn.

At the Young People's meeting in the Methodist Church on Monday evening, Rev. Mr. Bushell of Priceville

was the speaker and gave an excellent missionary address, that being the theme for the evening.

The High school staff leave on Thursday for the holidays. Miss McDowell to her home at Uxbridge, Miss Holmes to her home at Winchester and Miss King to her home at Keswick. Miss Nelson of the Public school will go to her home at Mono Road.

Mr. H. Down and Mrs. Robert Down were at Melancthon on Sunday visiting the latter's mother, Mrs. Carter, who is ill from a fall recently.

At a meeting of the Board of Managers of the Rink Company on Friday evening last, several tenders for Rink Manager were received and Mr. Robert Down's was accepted. Mr. Down will no doubt prove a capable manager and give Flesherton and vicinity good skating this winter. The rink opened for skating and hockey on Monday night.

Mr. and Mrs. Robert Henderson, who have been visiting his parents and other relatives here, left on Tuesday for their home at Moose Jaw, Sask.

A Merry Christmas to the Chronicle editor and staff.

The friends here of Mr. W. Williams of Collingwood, deeply sympathize with him in his sore bereavement by the death of his beloved wife. The writer and others here who knew Mrs. Williams held her in very high esteem.

MARKDALE STREETS A CREDIT TO LATE MARK ARMSTRONG

(Markdale Standard.) Main street, Markdale, was treated with a ten-inch bed of crushed stone twenty-two years ago that cost \$2,200, and for the following twenty years didn't cost a dollar for repairs, and many ratepayers then considered it an extravagant outlay on the part of Mark Armstrong, who was Reeve of Markdale, and under whose superintendence the work was undertaken and performed.

FUR GAUNTLETS LOST

On Saturday, December 16, between Concession 2, Goleg, and where the Durham Furniture Co. piles their wood in James McGirr's field, about half a mile east, Finner will be rewarded on returning to David Kinnee. 12 21 2pd

Durham High School

The School is thoroughly equipped to take up the following courses:

- (1) Junior Matriculation, (2) Entrance to Normal School, (3) Senior Matriculation, (4) Entrance to Faculty of Education.

Each member of the staff is a University Graduate and experienced Teacher.

Intending pupils should prepare to enter at beginning of term. Information as to Courses may be obtained from Principal.

The School has a creditable record in the past which it hopes to maintain in the future.

Durham is an attractive and healthy town and good accommodation can be obtained at reasonable rates. C. H. Danard, B.A., Principal. C. Ramage, Chairman. J. F. Grant, Secretary.

Silver Black Foxes

A limited number of shares for sale in

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at \$100. Par Value

All registered pure bred stock. Low capitalization. All common stock. Absolutely no watered stock. Ten years experience breeding. Stock from P.E.I.

Write for further particulars to PRICEVILLE FOX CO., Limited PRICEVILLE, ONT.

GRANT'S AD.

A Merry Christmas and A Happy New Year to All Our Friends

C. L. GRANT, DURHAM