

SMALL ADS.

Advertisements of one inch or less, 25 cts. for first insertion, and 15 cents for each subsequent insertion. Over one inch and under two inches, double the above amount. Yearly rates on application.

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: 15 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.

RESIDENCE FOR SALE
Good double house in upper town; in good repair. This property is being offered cheap to quick purchaser and is a desirable property. Apply to Mrs. A.W.H. Lauder, Durham, Ontario.

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

MILK REDUCED TO 10c.
Mr. W. R. Watson, milk vander, 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.

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.

BARN FOR SALE
At the John E. Russell Stone-crushing plant, owned by Charles Caldwell. Will sell at reasonable price to a quick purchaser. Apply at The Chronicle Office.

HOUSE FOR SALE
Fine two-storey brick residence in first-class condition and with modern equipment throughout; electric lighting, complete bath, furnace, garage, etc.; will take reasonable cash payment, balance arranged. Apply to J. Levine, Durham.

FOR SALE
Two good building lots for sale; one on Main Street, the other on Queen Street. Apply to J. A. Brown.

FOR SALE
A good home. Apply to Joseph A. Brown, Durham.

FOR SALE
Range, for either coal or wood; with warming oven. J. A. Brown.

SPIRELLA CORSETS

Ladies—Call at once and get your goods. Intending buyers will do well to examine our large stock now on hand. Any style and size. Prices from \$4.50 up.

THE SPIRELLA PARLORS
Mrs. J. C. Nichol
Nov. 28 1yr. Representative.

All Our Graduates

have been placed to date and still there are calls for more. Get your course NOW. If you do not get it you pay for it anyway in smaller earnings and lost opportunities.

Enter any day. Write, call or phone for information.

CENTRAL BUSINESS COLLEGE
Stratford and Mount Forest

NOTICE TO FARMERS

The Durham U.F.O. Live Stock Association will ship stock from Durham on Tuesdays. Shippers are requested to give three days' notice. James Lawrence, Manager, Phone 606 r 3 Durham, R.R. 1 11 27 tf.

BONNIE BRAE POULTRY FARM

Book your order now for eggs and baby chicks from our flock of pure bred O.A.C. White Leghorns. These birds have exceptional heavy laying ancestry and were raised on unlimited range conditions. Also hatching eggs from our bred-to-lay White Wyandottes. Hatching eggs, \$1.25 per 15; \$3.00 per 100; day-old Chicks, 20c. each.—Mrs. J. C. Henderson, Durham, Ontario. 3 30 tf

HOUSEHOLD FURNITURE FOR SALE

Oak Bedroom Suite; Oak Library Table; Oak Buffet; Mahogany Sofa; Oak Arm-chair, leather upholstered; Refrigerator; Office Desk; Baby Carriage; 2 iron Garden Urns. Apply at Chronicle Office.

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

SASH, DOORS, ETC.

Having installed suitable machinery, I am prepared to make Sash, Doors, General House Fittings, etc.; also to do custom surface planing. Factory near G.T.R. Station. Patronage solicited.—W. R. F. Clark, Durham, Ont. 3 16 12pd

SHINGLES FOR SALE

Shingles by test have proved the best. British Columbia, Ontario and New Brunswick cedar shingles. Prices on application to J. N. Murdoch, Durham, Ontario. 7 6tf

HOUSE FOR SALE

A rough-cast house on Bruce St., well located; quarter acre of good land; fair stable. Owner intends leaving town and is anxious to sell. Inquire at Chronicle Office. 6 22 tf

MAIL CONTRACT

Sealed Tenders, addressed to the Postmaster General, will be received at Ottawa until noon, on Friday, the 4th August, 1922, for the conveyance of His Majesty's Mails, on a proposed Contract for a period not exceeding four years, 6 times per week on the route, Durham No. 1, R.R. from the 1st October, 1922 next.

Printed notices containing further information as to conditions of proposed Contract may be seen and blank forms of Tender may be obtained at the Post Offices of Durham and Dornoch, and at the office of the District Superintendent of Postal Service. District Superintendent's Office, London, June 23, 1922.

D. J. McLEAN,
District Superintendent of Postal Service. 6 29 3

The Spelling of McNicol.

(Orillia Packet.)
Port McNicol frequently suffers misspelling. But it might be expected that official reports issued at Ottawa would take pains to spell names properly, and not perpetuate McNicol. The Port was called after the Vice President of the C.P.R., who spelled his name McNicol.

HOW TO FEED FOR MILK

Rations Must Be Well Balanced and Also Generous.

Special Indoor Feeding Required—Silage, Pulped Roots, Chopped Clover, Etc., Recommended—Feed the Cows Liberally.

(Contributed by Ontario Department of Agriculture, Toronto.)

Pastures may produce sufficient nutriment for the average producing cow, but the heavy producer cannot eat enough grass to satisfy her hunger and the demand of her milk producing organs. To such heavy producers supplementary grain mixtures should be fed in quantity sufficient to satisfy the cow's hunger and make possible the full functioning of the milk secreting organs. On good pasture the average producing cow cannot make profitable use of grain feeds, but when on poor pastures the feeding of grain as a supplementary may be the only way by which the milk flow can be kept up.

Pastures Must Be Supplemented by Grain.

Cows producing 50 pounds of milk per day, testing three per cent. butter fat, should receive in addition to good pasture 8 to 10 pounds of mixed grain chop per day. Cows producing 30 pounds of milk per day testing three per cent. butter fat would benefit by the addition of four pounds of mixed grain chop each day at the milking time on return from pasture. In some districts the season of flush pasture may be very short. If such is the case provision for supplementary coarse feeds must be made. This may be most easily done by providing good silage. Many of the more progressive dairymen feed silage during the entire summer period in quantity in keeping with conditions in the pasture field, increasing or decreasing the quantity at the demand of the cow. The growing of soiling crops such as the oats and pease mixture, the growing of alfalfa and red clover corn, and roots in season are ways of keeping the cows working should the pasture fail. The cow's stomach should be kept well lined with feed if she is to be profitable as a producer of milk. As the grass or pasture crop dwindles, other feeds must be supplied or milk cannot be made. Many good feeders supplement the failing pastures in August with green fodder corn and second growth clover, newly made silage from peas and oats or corn may follow these. During October and early November, grey-stone turnips and sorghum are frequently used. All these feeds go the same route and produce much the same effect on the animal body, differing but little in degree. It is not so much what we feed if we would only feed enough and use a variety of feeds so that the cow can perform the work required of her.

Special Indoor Feeding Required.

With the closing of the autumn and cessation of outside feeding, necessitating all indoor feeding over a long period, provision for which should have been made during the growing season, by way of producing an ample quantity of silage, clovers, roots, grain feeds, and straw. How many cows can I carry through the winter, is the viewpoint too frequently taken by many dairy men. For profitable work this viewpoint is generally wrong and should be turned about to read, how few cattle can I keep to eat up all the feed. Lack of definite knowledge as to the feed requirement per animal, and of an easy method of figuring this requirement, has caused much loss through many farmers trying to winter more stock than the feed supply in their barns would warrant. When cows do so well on June pasture, it should be an incentive to all feeders to imitate in so far as possible the succulence of June grasses.

Silage, Pulped Roots and Chopped Clover Recommended.

Well made silage is the best substitute, with pulped roots and chopped clover a good second. Good red clover and alfalfa hays while not succulent are highly nutritious and palatable. With silage, clovers, roots and straw at hand, a sufficient variety has been provided and it is considered good practice to give producing dairy cows all of these feeds that they will take, without waste. In addition to these bulky feeds one pound of mixed grain chop per day should be fed for each three pounds of milk produced, over and above 10 pounds. That is a cow producing forty pounds of average market milk per day would require all the coarse feeds she cared to eat and ten pounds of mixed grain chop per day. The grain feed requirement can also be expressed as one pound of mixed grain chop per day for each pound of butter fat produced in a weekly period. That is if a cow were producing four gallons or forty pounds of milk per day, that tested four per cent. butter fat, she would produce in seven days eleven and one-fifth pounds of butter fat. This would entitle her to eleven and one-fifth pounds of mixed grain per day.

Liberal Feeding is Absolutely Necessary.

Another rule that is practiced by the best dairymen is to feed all of a well-balanced ration that good dairy cows will take without making any appreciable gain in weight while in full flow of milk. The balancing of rations for dairy cows is very important, and is practiced by many careful, business-like dairymen and farmers, but unfortunately many of those having the responsibility of cow feeding hate the sight of paper, pencil and figures; and consequently hesitate or neglect this very important item in dairy cow management.

—L. Stevenson, Secretary Dept. of Agriculture, Toronto.

Edge Hill.

(Our own correspondent.)
Mr. W. A. Williams of Toronto visited for a couple of days with his parents, Mr. and Mrs. H. Williams. Miss Maggie Edge of Durham spent last week with her sisters, Mrs. W. J. Ritchie and Mrs. W. G. Firth.

Mr. and Mrs. W. Buchan of Dunnville were guests of Mr. and Mrs. Thomas Ritchie. Mr. Buchan has returned home, but Mrs. Buchan and little son are staying for a short holiday.

The trustees of No. 3 have engaged Miss Armetta McKechnie as teacher for the ensuing year at a salary of \$1,000.

Mr. and Mrs. William Brown and Mr. and Mrs. John Brown of Egrement spent the first of the week with Mr. and Mrs. George Ritchie.

Mrs. J. W. Firth and two children of Toronto, have taken up residence in Mr. J. G. Firth's vacant house for the summer vacation. Mr. Firth was here for a few days but has gone to Guelph, where he is taking a short course at the O.A.C.

Master Lloyd Brown and sister Jean are spending this week with their grandmother, Mrs. George Ritchie.

Miss Ethel Anderson is visiting with Mr. and Mrs. John Mortley, at Arthur.

Mr. and Mrs. H. R. Moffat of Owen Sound were visiting his cousin, Mr. C. H. Moffat.

Mr. and Mrs. John Mortley and little son, of Arthur, visited Mrs. Mortley's parents, Mr. and Mrs. H. Williams.

Mr. MacGillivray and sister, Miss Fiddis, and Miss —, of Paisely, were guests of the Moffat family on Sunday.

Miss Margaret Ector is visiting her sister, Mrs. John Moffat of Narva.

A surprise party was held at the home of Mr. and Mrs. William Weir, Jr., on Monday evening, but the Dairies' Corners correspondent will probably report it. We tender the best wishes of this community to the happy young couple, for a long, happy and prosperous wedded life.

Mr. and Mrs. J. G. Firth and children motored to Toronto over the week-end.

Mr. and Mrs. Gardiner and children, and Miss Dorothy Williams, of Niagara Falls, visited their uncle and aunt, Mr. and Mrs. H. Williams.

THE LARGEST HORSE FARM EAST OF MANITOBA

(Experimental Farms Note.)

It is not generally known that the most important horse breeding establishment east of Manitoba is situated at St. Joachim, County of Montmorency, Province of Quebec. This farm was started by the United efforts of the Dominion Department of Agriculture, the Quebec Department of Agriculture, and the French Canadian Horse Breeders' Association. The work is being carried on by the first-named and is under the direct supervision of Mr. Gus. Langelier, who is also Superintendent of the Dominion Experimental Station, Cap Rouge, Que. There are at present on the Horse Farm, over 90 horses, all pure-bred French Canadians; an idea of the scale on which breeding operations are conducted can be had when it is known that 22 mares have youngsters this year, whilst 34 are due to foal in 1923.

It is fully admitted that part of the work is to improve French Canadian horses, but it is also clear that most of the problems of horse breeding, feeding, housing, and management can be investigated as well with this breed as with any other. These problems are quite numerous; inbreeding, close in line, and outcrossing; in feeding roughages, concentrates, pastures; in housing, the big special barn, part of the cattle barn partitioned off, cheap single-boarded shelters; in management, work or no work for breeding animals, prevention of diseases in youngsters, raising autumn colts. These in themselves show the advisability of having started such a Farm.

What will be the future of the place? From an investigational point of view it is assured, as even a quarter of a century is not near long enough to solve many of the problems. As to the effects of any improvement of the French Canadian horse accomplished thereby and the scope of the distribution of improved breeding stock, the future of that enterprise is really in the hands of the farmers of the Province of Quebec. If they show enough interest no doubt French Canadian horses will continue to be bred at St. Joachim; but if it is found out, which is improbable, that French Canadian stallions and breeding stock are not in demand, then it will surely be in order to look into the question of using another breed for the experimental work at St. Joachim.

In the meantime, old Quebec can boast of having the most important horse breeding establishment in Eastern Canada.—Gus. Langelier, Superintendent, Experimental Station, Cap Rouge and St. Joachim.

With China unified, Japan will have to mail out but one set of demands.—Dallas News.

What we don't understand is how the weather prophets are able to predict rain when they don't know we are planning a picnic.—Asheville Times.

Guidance Not Suppression.

(Toledo Blade.)
Don't be discouraged because your boy or girl wants to go and go and go, to be always running here and there, always restless, always dissatisfied, always reaching out. The boy and the girl are not to blame. It is the complex, seething life all about them reaching out a thousand

fingers to the life of youth. It isn't a case for suppression, but a case for adjustment and patient teaching of the way and patient discrimination of the worthy from the unworthy.

If there is anything that a flapper doesn't know she doesn't know it.—Washington Post.

Stock Up Before You Start On That Trip

IT'S BETTER to spend a few minutes now in arranging a list of things you'll need while on your vacation than to experience days or weeks of inconvenience after arriving at your destination.

WE SUGGEST :

Healing Lotions	Headache Remedy
Face Creams	Sponges
Powders, Brushes	Bath Requisites
Bathing Caps	Shaving Supplies
Stationery	Thermos
Antiseptic Solutions	Kodaks, Etc.

An inspection of our stock will suggest many other vacation needs.

Buy Your C. P. R. Tickets Here.

MACFARLANE'S DRUG STORE

The Rexall Store. C.P.R. Ticket Agents.

Housewives!

Use **SMP** Utensils and Save Work

Buy Diamond Ware or Pearl Ware kitchen utensils and save work. They are so clean, with a flint-hard, smooth surface that wipes clean like china. No scouring, no scraping or polishing. Just use soap and water.

Every conceivable pot and pan is made in either Pearl or Diamond Ware, the two splendid quality SMP Enamelled Wares. Diamond Ware is a three-coated enameled steel, sky blue and white outside, snowy white inside. Pearl Ware is enameled steel with two coats of grey and white enamel inside and out. Either ware will give long service. Ask for

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THE SHEET METAL PRODUCTS CO. OF CANADA LIMITED
MONTREAL TORONTO WINNIPEG
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SOLD IN DURHAM AT
HARDING'S HARDWARE

REDUCED FEED PRICES

We have reduced prices on Feed and prices in any quantity will be as follows:

Oat Feed, per ton.....	\$15.00, sacks included
Clansman Stock Feed, per ton.....	\$32.00, sacks included
Chieftain Mixed Feed, per ton.....	\$30.00, sacks included
Durham Mixed Feed, per ton.....	\$23.00, sacks included
Whole Screenings, per ton.....	\$20.00, without sacks
Ground Screenings, per ton.....	\$23.00, sacks included
Heavy Mixed Corn, per ton.....	\$32.00, sacks included
Whole Corn, per ton.....	\$30.00, without sacks
Whole Corn, per ton.....	\$31.50, sacks included
Ground Corn, per ton.....	\$33.00, sacks included
Crushed Oats, per 100 lbs.....	\$2.10, sacks included
Crushed Oats, Corn & Barley, per 100lbs.,	\$2.10, sks. included
Chopped Oats, per 100 lbs.....	\$2.10, sacks included
Feed Oatmeal, per 100 lbs.....	\$1.75, sacks included
Oat Shorts, per 100 lbs.....	\$1.50, sacks included
Ground Flax, per 100 lbs.....	\$2.75, sacks included
Poultry Scratch Feed, per 100 lbs....	\$2.75, sacks included
Cracked Corn, per 100 lbs.....	\$1.65, sacks included
Baby Chick Feed, per 100 lbs.....	\$3.25, sacks included
Feed Oats, per bushel.....	62c. without sacks

Above prices are in any quantity from 100 lbs. to five tons. On lots of five tons or over, special prices will be made. Club together and get your feed at carload prices.

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