

et been appointed. Miss ... has resigned on account of health, feeling that she was of a complete rest after six strenuous work.

LETT ... GOODS

choice and ... groceries

all kinds

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dealers with you. ... 30c. pt.

TURDAY

H STORE

ell for Cash Only

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KILLER

plants and vines, with one applica- ... of leaf-eating ... not injure the ... reliable. For ... results when ... green.

3c.



ITE PRESERVING ... 14 pt. 89c.

PLIERS ... 29c.

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Co. Durham

Quality Goods

Shoes

McPherson's ... \$3.19 ... \$4.33 ... \$1.39 ... \$3.49

Old Cheese.

Good Service

Classified Advertisements

Advertisements under this heading, 1 cent a word each insertion CASH WITH ORDER; six consecutive insertions given for the price of four. Telephone calls treated as cash with order if paid for before Saturday night of week ordered. Minimum charge for first insertion, 25 cents. On all charge orders a straight charge of 1 1/2 cents a word will be made each insertion, minimum charge 35 cents.

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. 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. A. M. BELL Office on Lambton Street (the late Dr. Hutton's office). Office hours, 2 to 5 p.m., 7 to 9 p.m., except Sunday.

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.

C. G. AND BESSIE MCGILLIVRAY Chiropractors, Durham, Ontario. The Science that adds life to years and years to life. Consultation free. In Durham Tuesdays, Thursdays and Saturdays. 61423 tf

Dental Directory.

DR. W. C. PICKERING, DENTIST Office, over J. & J. Hunter's store, Durham, Ontario.

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.

MIDDLEBRO' SPEERMAN & MIDDLEBRO' Barristers, Solicitors, Etc. Successors to A. B. Currey. Mr. C. C. Middlebro' is permanently located at Durham Office.

LUCAS & HENRY Barristers, Solicitors, etc. A member of the firm will be in Durham on Tuesday of each week. Appointments may be made with the Clerk in the office.

Licensed Auctioneer

DAN. MCLEAN Licensed Auctioneer for County of Grey. Satisfaction guaranteed. Reasonable terms. Dates of sales made at The Chronicle Office or with himself.

ALEX. MACDONALD Licensed Auctioneer for Co. of Grey. Moderate terms. Arrangements for sales, as to dates, etc., may be made at The Chronicle Office, Durham. Terms on application. Address R. R. 1, Durham. 2446mpd

FARMS FOR SALE

LOT 7, CON. 21, EGREMONT, containing 100 acres; 85 acres under cultivation, balance hardwood bush; convenient to school; on the premises are a frame barn 42x65 ft. with stone foundation; concrete stables; also hay barn 30x50 with stone basement; hog pen 20x40; twelve-room brick house, furnace heated, also frame woodshed; drilled well close to house, with windmill; concrete water tanks; 30 acres seeded to hay; 10 acres to sweet clover; this farm is well fenced and in a good state of cultivation. For information apply to Watson's Dairy, R.R. 4, Durham, Ontario. 102523 tf

NORTH PART LOTS 7 AND 8, CON. 22, Egremont, containing 66 acres; 55 acres cleared, balance hardwood bush; in good state of cultivation; frame barn 44x50, stone basement, concrete stables; drilled well and cement tank at barn. Also Lots 6 and 7, Con. 4, S.D.R., Glenelg, containing 110 acres; 100 acres cleared and in good state of cultivation; on the premises are a brick house containing seven rooms, with good frame woodshed attached; drilled well at door; never failing springs on this farm, making a choice stock farm. This property will be sold right to quick purchaser. For particulars apply at Watson's Dairy, R.R. 4, Durham, Ont. 102523 tf

FOR SALE PRIVATELY

Kitchen Range, with hot water attachment; Coal Oil Stove and oven; Quebec Heater, large; Quebec Heater small; Stove Pipes; Baby Carriage; Baby Sulk; Baby Sleigh; Baby Bassinet; Screen Door; Washer and Wringer. These articles may be seen at Mr. George McKechnie's, on Countess street, Durham. 7102

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

PROPERTY FOR SALE

FOR SALE—FRAME HOUSE NEWLY painted; some fruit trees; good half acre potatoes and vegetables; cheap for quick sale. Apply to David McGarrell, Lambton Street. 1pd

FOR SALE—A NUMBER OF GOOD building lots on George street, North of Skating Rink, Durham. Apply to D. Hopkins. 221 tf

FOR SALE—THE LATIMER Property in Upper Town; at a bargain. Apply to R. J. Matthews, Durham, Ont. 32014pd

FOR SALE—GOOD TWO-STORY frame dwelling, well located on Lambton street. Hard and soft water, bath, furnace, electric lights, etc. Apply W. J. Young, Durham, Ont. 545 tf

FOR SALE

FOR SALE.—BABY CARRIAGE, cart and bed. Apply to Mrs. Wm. J. McGirr, Queen Street. 1

ASBESTOS PREPARED ROOFING will make your old, leaky roof like new and cost you only a trifle. Also stops leaks in pots, pans, eave troughs, water troughs, etc. Sold in Durham by W. D. Connor. 1p

FOR SALE.—A FORD TOURING CAR in excellent condition; Model 22. Apply to Joseph Noble, Durham. 2pd

HEAVY HORSE FOR SALE; YOUNG and in good condition. Apply Rob Roy Mills, Limited, Durham, Ont.

WESTERN FEED OATS AT 55c. Per bushel at the Rob Roy Mills. 43 tf

BRITISH AMERICAN COAL OIL AT Smith Bros. It's good. Try it. 140 tf

FOR SALE—HEAVY, BLOCKY PERcheron colt, two years old. Has good limbs, fine appearance and will make a valuable horse. Also, two springer cows, one five the other seven years of age, good milkers and coming in soon.—R. T. Edwards, Markdale, R. R. 1.

MISCELLANEOUS

PROF. KATZ, OPTICAL SPECIALIST—Coming to test your eyes and relieve eyestrain, at the Hahn House, Wednesday, July 23. If you feel dizzy or tired, worn out, headache, pain in the temples, even back of the head (as above troubles are frequently caused by eye trouble), come to see Dr. Katz while in town. Special attention paid to young people's eyes.—Katz, Listowel. 1pd

PEERLESS GASOLINE, THE HIGH-grade gas with the "pep" and long mileage. Sold only at Smith Bros' Garage. 626 tf

FOR FIRE, TORNADO, AUTOMobile insurance and guarantee bonds, etc., apply to Lucas & Henry, Durham. 642 tf

MEN'S TAILORING.—GENT'S SUITS hand tailored. I am prepared to make your suit and guarantee first-class workmanship. My prices are right. Leave your orders with D.M. Saunders, Gent's Furnisher, Durham.—W. J. Henning, Tailor. 147 tf

ARTICLES WANTED

WHEAT WANTED, ANY QUANTITY. Highest price. People's Mills. 34523 tf

WORK WANTED.—THE CHRON-icle Job Plant is well equipped for turning out the finest work on short order.

GRAIN WANTED.—BARLEY, BUCK-wheat, Peas, Oats and Mixed Grain wanted. Highest prices paid.—Rob Roy Mills Limited, Durham. 112tf

COMING EVENTS

ANNIVERSARY SERVICES WILL BE conducted in Knox church, Normanby, by Rev. G. S. Scott of Holstein, Sunday July 20, at 11 a.m. and 7.30 p. m. Garden party Wednesday evening, July 23, at Watson's school house. Good programme of song, speech, and music is being prepared. Lunch served free. Admission 25 and 15 cents.

LOST OR FOUND

FOUND—CAR MARKER, 245—903. AT The Chronicle Office.

FOR SALE OR RENT

THE ADAM ROBERTSON PROPERTY on Garafraxa street. For further particulars apply to Zenus Clark, Durham. 7-17-6pd.

FOR SALE, OR CUT ON SHARES OR BY THE ACRE

About 30 acres under hay and 10 acres under grain, in Glenelg. Hay will likely be scarce and dear enough by next spring. If interested apply to John A. Graham, Durham.

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. Clifford Howell, Manager. Phone 92 r 11. Durham, R.R. 1.

MILLINERY AT HALF PRICE

Trimmed Hats at half price; Ready to Wears, 50c. and \$1.00.—The Misses Truax, Durham. 7102

WHAT PURE SEED MEANS

To the Agricultural College and the Farmer

Seed Selection Helps in Even One Year—Large Plump Seed Best—Soil Fertility Experiments Give Interesting Results—Feeding Calves.

(Contributed by Ontario Department of Agriculture, Toronto.)

During the year 1923 the Field Husbandry Department of the Ontario Agricultural College supplied to nearly 2,000 farmers pure seed and other material, with instructions and full information for conducting tests on their own farms.

One hundred and twenty-one distinct experiments were conducted during the season on the Field Husbandry area.

Selection of Seed Important. Different selections of seed of various classes of grain have been carefully tested at the Ontario Agricultural College for from six to nine years. The average results show that even one year's selection of seed grain has a marked influence on the resulting crop. In every instance, the large plump seed gave a greater yield of grain per acre than medium sized, small plump, shrunken or broken seed. In the average of the six classes of grain, the large plump surpassed the small plump in yield of grain per acre by 19 per cent., and the average of the three classes of grain the plump seed gave a yield over the shrunken seed of 20 per cent. It should be understood that equal numbers of seed were used in this experiment. The results throughout show that a large plump seed will produce a larger, more vigorous and more productive plant than is produced from a small plump or from a shrunken seed.—Department of Extension, O. A. College, Guelph.

SOIL FERTILITY EXPERIMENTS. Following Up the Soil Survey—Lime Phosphate With Wheat—Experiments With Potatoes.

The three demonstration plots that have been started as follow up work in connection with the soil survey are now giving interesting results. The outstanding feature so far is the proved beneficial effect of lime and phosphoric acid. On the light sandy soil of the Norfolk County plot the increasing amount of decaying organic matter is beginning to make itself felt in the improved texture of the soil and increased crop yields. On all three of these experimental plots certain mixtures of fertilizers are giving paying results, while other mixtures are not.

Lime Phosphate Experiments With Wheat. The lime phosphate experiments planned to discover the effect of lime, lime and acid phosphate and mixed fertilizer on wheat and the succeeding crop of clover, have given interesting results. Each experiment consisted of four half-acre plots, and these were laid down on three different farms in eight different counties, twenty-four experiments in all. As these experiments were started in the fall of 1922, only the wheat crop has been harvested. The clover, however, shows marked difference in development in the various plots and interesting results may be expected next season. The outstanding results so far obtained is that acid phosphate increased the yield of wheat in every experiment. The average for the check plot was 22.2 bushels per acre, and the acid phosphate plot 34.34 bushels per acre, an increase of a little over 50 per cent. Assuming that the addition of the acid phosphate at the rate applied on these experiments would have given the same results on the 717,307 acres of fall wheat harvested in Ontario in 1923, the value of the crop would have been increased by nearly eight million dollars, at a profit over the entire cost of the acid phosphate of over four million dollars.

Experiments With Potatoes. The Triangle experiments with potatoes have demonstrated in every county where held that legumes may be used to gather all or nearly all the nitrogen required by the potato crop, and that phosphoric acid and potash in proper proportion may be used to increase both the quantity and quality of the crop with profit.

This work is being extended to eight additional counties, and is being carried on by the Chemistry department of the Ontario Agricultural College in co-operation with the Agricultural Representatives.—Dept. of Extension, O. A. College, Guelph.

Feeding Calves. It is considered a good practice, in teaching calves to eat grain, to begin with feeding them a little ground corn or certified ground oats. This kind of feed may be given for a few days, and then they may be given either whole oats or whole corn, or a mixture of equal parts by weight of both. This whole grain may be fed to the calves until they are six to eight months of age and then they should be fed ground feed. When a calf reaches eight months of age it does not chew its grain so well; consequently a high percentage of the grain will be lost if fed whole. The theory of feeding calves whole grain when a month to eight months of age is that they chew the grain better, which stimulates the flow of saliva.

If new wheat, which is frequently damp, is thoroughly mixed with dry old wheat from the previous year and put into bulk storage for a few days, experiments show the dry wheat absorbs a sufficient amount of moisture from the damp wheat to improve both kinds for milling purposes.

Keeping the animals inactive with good feed is not a kindness. Hard work all the time, with good care, is much more so.

Problems of the Farm

Contributed by Grey County Department of Agriculture

Burning Barns. The following article is from the O. A. C. Guelph. Its contents are worth reading:—

When in the County of Halton on June 22, I saw the smoking, smouldering ruins of a barn. The charred bones of two horses were visible, also the twisted wreckage of an automobile. It did not matter about the auto, but it was rather rough on the horses to subject them to such an ending as burning alive.

What did it? Spontaneous combustion, following the old, neglected practice of putting wet or green hay in the barn. Ontario farmers have lost millions through the burning of buildings. Some have followed the practice of putting in poorly cured or moist hay with impunity, but sooner or later they will create conditions just right for a flare up and will then pay for their folly in the price of a new barn. The silo is the place for green clover; not the barn. Better be sure that the hay is properly cured before it goes in. I would rather lose it in the field then take a chance on losing both hay and barn.

Running Water in the House. All over Grey County, there are wonderful springs of the best water. In many cases these are not far from the buildings yet they are not utilized. Quite a number of farmers have wondered if they could bring the water to their buildings but not having a level have been unable to learn the possibility. The Department of Agriculture, Markdale, will only be too glad to make these surveys, free of charge. It will only take a short time so that any farmer could have it done.

Again many have overlooked the possibilities of the hydraulic ram. The man is indeed fortunate whose house is located near a spring on a higher level than the building. In this case a small concrete tank or even a barrel, at the spring and a few lengths of pipe are all that is required. Despite such a simple installation there are hundreds of homes in this province, located in such favorable circumstances, where the men and women carry the water down hill in pails. There are literally thousands of rural homes not so conveniently located, however, where cheap running water is within reach. Provided a fair sized spring or a small stream is within a quarter of a mile of the building, a hydraulic ram can usually be installed which will pump water up considerable heights.

The ram is a simple little automatic pump, requiring practically no attention for years after installation. The writer knows of one ram put in over thirty years ago which has cost the owner but two dollars and eighty cents in repairs since. The purchase price is low, running from twelve to thirty dollars. A ram can be employed anywhere where three or four gallons of water per minute are available with a fall of three feet. In other words, if there is a spring or creek near your home from which the

water can be made to fall three feet, or more you can probably install a ram. The ram uses a certain portion of the flow to drive a fraction of the water up hill to an overhead tank or into a pneumatic tank against air pressure. The greater the fall and volume of water from the spring or creek, of course, the higher and larger the quantity of water may be lifted.

Now Grey county farmers who have springs near buildings, write or call upon the Department of Agriculture, Markdale, to give you assistance in supplying running water to your buildings. All services are free of charge.

Result of Co-operative Marketing. The Egg Circle Bulletin, the leaflet published monthly by the Prince Edward Island Co-operative Egg and Poultry Association, in its issue of April, gives several little items of interesting news. For the first three months of 1924, receipts of eggs at the candling station are well over double the same period in 1923. It is not expected that this ratio of increase can be maintained, but it should continue for several weeks. The object for 1924 is a million dozen eggs; this would mean an increase of 219,407 dozen, or slightly over 28 per cent over 1923. Two additional circles are shipping this year, and there are indications of still others being organized. The season is at least three weeks ahead of last year as regards production.

Over Production? Not Yet. During the twelve months period mentioned we roughly imported two and a half times as many eggs as we exported. The number imported, during those twelve months was 7,522,033 dozen or 206,900 dozen more than during the preceding period, while the number exported was 2,890,132 dozen, or 538,000 dozen less than during the preceding year. During the one month of February the United States shipped to Canada 1,872,426 dozen of eggs, while in Ontario Canada, only sent 287 dozen. We received in Canada from the United States 500,000 dozen in February, 1924, more than in the same month of 1923.

Poultry Production. Perhaps the figures by provinces of the value of eggs produced in Canada last year may be of interest. According to the Dominion Bureau of Statistics the total was \$48,770,000 an increase, and a fairly satisfactory one, over the previous year of \$28,000,000. Ontario produced of this total nearly one-half, or \$21,438,000; Quebec came next with \$7,201,000; Saskatchewan third, with \$7,122,000, and Alberta fourth, with \$5,216,000, while British Columbia and Manitoba ranked about equal, the former with an output of \$2,838,000 and the latter with \$2,635,000. These figures are really astounding when one looks into them and analyses the amount on a unit basis.

DEGENERATION DISEASES OF THE POTATO PLANT (Experimental Farms Note.) Degeneration diseases of potatoes are those such as mosaic, leaf curl, curly dwarf, spindle tuber and the like, which are known to be spread in the field by aphids, plant lice, and which can only be eliminated by removing the source of infection. The source in every case can be traced to tubers which were formed in diseased hills the previous year. The aphids feed on the plants arising from these tubers, and when they go to healthy ones they carry

PROPERTY FOR SALE. The George Whitmore property, near McGowan's mill; rough-cast house; stable, hen-house, half acre of land; drilled well, cistern; good fruit trees, and a lot of small fruits. Will sell cheap to quick buyer. Apply to Mrs. John Schutz. 626 tf

will make the season of 1924 as follows, health and weather permitting: MONDAY will leave his own stable, Lot 5, Con. 15, Protol at 12 o'clock noon and proceed by way of Hopeville to the Grand Central Hotel, Dundalk, where he will remain until noon on Tuesday.

TUESDAY, will proceed along the Toronto and Sydenham Road to Flesherton for night.

WEDNESDAY, will proceed to Markdale for noon, where he will remain until Thursday morning.

THURSDAY will proceed by way of Town Line, Arismetia and Glenelg, to the Commercial Hotel, Pricerville, for noon, thence along the Durham Road to the Hahn House Stables, Durham, where he will remain until Friday noon.

FRIDAY, proceeds south along the Provincial Highway to Varney, then East by way of Pollock's Corners to John Nelson's, on the 18th Con. Egremont, for night.

SATURDAY, proceeds by way of Dromore to his own stable for noon where he remains until the following Monday noon.

Old Koenig is bay in color and a grand big horse throughout. He stands 16 hands, on best of legs and feet. He is a capital race horse, and won upwards of \$18,000 during his racing career from 3 to 7 years of age, thus proving his soundness and stamina. There has been a great demand on the Jockey Club for suitable sires. The horse is given free, but a nominal fee of \$10.00 is charged to cover expenses. The fee for Old Koenig has never been less than \$50.

ENROLLMENT NO. 1358 PASSED FORM I. Certificate of Enrolment and Inspection.

of the Purebred Thoroughbred Stallion, Old Koenig, registered in the Canadian Thoroughbred Stud Book as No. 1306, owned by the Canadian Racing Association of Canada, foaled in 1913, has been enrolled under the Ontario Stallion Act, inspected on the 12th day of July, 1923, and Passed.

The Ont. Stallion Enrolment Board Robt. McEwan, R. W. Wade, Secretary, Chairman.

Dated at Toronto, May 22, 1924.

MRS. MISENER'S ACHES AND PAINS

Vanished After Using Lydia E. Pinkham's Vegetable Compound

"Branchton, Ont.—"When I wrote to you for help my action was mostly prompted by curiosity. I wondered if I, too, would benefit by your medicine. It was the most praiseworthy action I have ever taken. I heartily assure you, for through its results I am relieved of most of my sufferings. I have taken six boxes of Lydia E. Pinkham's Vegetable Compound Tablets and a bottle of Lydia E. Pinkham's Blood Medicine, and I can honestly say I have never been so well before. I had suffered from pains and other troubles since I was fifteen years old, and during the 'Great War' period I worked on munitions for two years, and, in the heavy lifting which my work called for, I strained myself, causing pelvic inflammation from which I have suffered untold agony, and I often had to give up and go to bed. I had doctored for several years without getting permanent relief, when I started to take your medicines."—Mrs. GOLDWIN MISENER, Branchton, Ont.

Write to the Lydia E. Pinkham Medicine Co., Cobourg, Ontario, for a free copy of Lydia E. Pinkham's Private Text-Book upon "Ailments of Women." c

some of the infection with them, and in the course of feeding, inoculate the juice from the diseased plant into the healthy one. In the course of a few weeks the formerly healthy plant is diseased.

In order to prevent the spread of these degeneration diseases it is necessary to go through the field about the time the plants are eight to ten inches high and pull out all that appear undesirable. In doing this be sure to remove the entire plant system, including the seed piece. The removal of plants in this way is known as "roguing". Two or three weeks later the field should be given another thorough inspection and all diseased or undesirable plants rogued. It is also necessary at this time to remove any foreign varieties which may be present. Should it be necessary to rogue a field after the tubers have begun to form, care should be taken to remove these as well as the plant. This will reduce to a minimum the danger of disease being carried over to next year's crop by means of the tubers.

If You Are Thinking of Buying a Dinner Set Consult Us It Will Pay You THE VARIETY STORE R. L. Saunders

Cotton Broadcloth For Skirts, Blouses and Sport Dresses, excellent value at 95c and \$1.00 per yard.

Cotton Hose for women and children, per pair ... 25c and \$3.00. Boys' Cotton Hose, pr. 30c and 35c. Swift's Napha Soap, 4 bars for ... 25c. Boys' Overalls, per pair 85c.

Sweet Oranges, doz... 40c. Sodas in bulk, per lb 18c. Try a pound of our Mixed Tea at per lb ... 55c.

C. L. GRANT

COLORITE HAT DYE MAKES OLD HATS LIKE NEW Easily Applied Dries In 30 Minutes—Weather Proof & Durable

Sixteen Different Colors

A full assortment of all the Leading Dyes, including: Diamond Dyes Dyola Dyes Rit Dyes Sunset Dyes Twinkl Dyes

S. MacBETH DRUGGIST and STATIONER