

SMALL ADS.

Advertisements of one inch or less, 25 cts. for first insertion, and 15 cents for each subsequent insertion.

Medical Directory.

DRS. JAMIESON & JAMIESON
Office and residence a short distance east of the Hahn House, on Lambton Street, Lower Town, Durham.

J. L. SMITH, M.B., M.C.P.S.O.
Office and residence, Corner of Countess and Lambton Streets, opposite old post office.

DR. BURT
Late Assistant Royal London Ophthalmic Hospital, England, and to Golden Square Throat and Nose Hospital, Specialist: Eye, Ear, Throat and Nose.

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.

Legal Directory.

A. B. GURNEY
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.

Licensed Auctioneer

DAN McLEAN
Licensed Auctioneer for County of Grey. Satisfaction guaranteed. Terms reasonable. Date of sale 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.

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 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.

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 Clark, Durham. 727 tf

FARM FOR SALE

Lots 13 and 14, Concession 2, N.D. R., Glenelg, 100 acres. Apply to Sarah Webber and A. H. Jackson, Executors James Webber estate. 824 tf

FOR SALE

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

WANTED

Real live wire Automobile salesman for Durham with some capital to handle the sales for Ames Special Bodies for Ford cars. Please give reference of sales ability. For this proposition apply Northern Auto Body Co., 129 Salisbury Ave., Sault Ste. Marie, Ont. 1122pd

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 1/2 yr. 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 1127 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. 346 tf

FARM FOR SALE OR RENT

The estate of the late A. W. Hunt; one hundred and fifty acres, more or less; Lots 39 and 40, 3rd Concession, N.D.R., north of Allan Park; 1 1/4 miles from store and 1 1/2 miles from station and school; rural mail and phone. On property there is a good 9-roomed house and good bank barn 55x72 with horse stable attached 24x36, and other good outbuildings; also a splendid orchard; about 3 acres cedar swamp and 16 acres hardwood bush; good No. 1 land of heavy clay loam, free from stone and in good state of cultivation; good running water. This will make a real home for somebody and is worth the money. For further particulars apply to Robt. Lindsay, R.R. 4, Durham, Administrator, Mrs. A. W. Hunt, Durham, Ont., or to H. W. Hunt, R.R. 1, Hanover. 1026 tf

TIMBER FOR SALE

Tenders will be received for the purchase of standing timber on Lots 28 and 29, Concession 3, E.G.R., Glenelg, from 10 inches in diameter on the stump up. Tenders will be opened on Monday, the 13th inst. The highest or any tender not necessarily accepted. For any further information apply to JOHN McKECHNIE, Merchant, Durham. 1122

ROAD CLOSED

Notice is hereby given that all persons are forbidden to use a road passing through Lots 18 and 19, Concession 3, E.G.R., Glenelg. 11 22pd James Ellison, Owner.

FOR SALE

One used Cream Separator, three Aladdin lamps; cheap for quick sale.—Durham Machine Shop. 1026 tf

FARM FOR SALE

The undersigned offers for sale lot 16, Con. 6, Glenelg Township (long known as the Rainald Martin farm) containing 100 acres; 95 acres cleared and in good state of cultivation; never failing spring creek and good well; on the property is a 45x65 feet frame barn with stone foundation, a frame driving shed 25x50 and a solid brick dwelling with 9 rooms and attic, inside toilet and bath, with hot and cold soft water, furnace heated; this farm is seven miles from Markdale and Priceville, 10 miles from Durham and 1 1/2 miles from Zion Methodist Church, 1 mile from the Public school and 1 1/2 miles from St. John's R. C. Church and Separate school; rural mail and telephone; the price is right and terms easy; inspection invited; possession for plowing at once and full possession January 1, 1923; unfed straw to be left on the premises; also Lot 20, Con. 7, Glenelg, 100 acres; a good pasture lot, well watered and fenced; there is a quantity of good timber on this lot. The two farms will be sold, together if desired. Apply to Henry Moffat, R.R. 1, Markdale, Phone 74r23. 1093

GIVE THEM A SALT BOX

Pigs and Other Live Stock Require Mineral Food.

Farm Animals Must Have a Body Builder—A Good Mineral Mixture Suggested—Combating Field Mice.

(Contributed by Ontario Department of Agriculture, Toronto.)

The feeds that we give our young animals are the body building materials, and are just as necessary to the young pig, calf, or colt as are bricks and boards to the carpenter engaged in building a house. House building and body-building are alike in that both depend upon the structural materials furnished. When we see a fine house we are at once impressed with the evidence that is before us, in good and abundant material supplied the workmen. When we see well-grown, fine and sleek calves and pigs we have the same thought—that abundant body-building material has been supplied. On the other hand when we observe a shack built of scrap lumber, or see a calf with its back up, pot bellied, under size, or a pig crippled and off its feet, we are at once struck with the thought that someone has not supplied the very necessary materials for body building or house building.

Need of Lime and Phosphorous.

Two materials that are necessary in growth and body building are lime and phosphorous. Young animals running with their dams on pasture will as a rule show no evidence of a shortage of these minerals in their development, since the milk of their dams is adjusted to the mineral requirement of the young. But as soon as the young animals become dependent on the feeds given them by man their case is different, and they are frequently very much neglected, in that a proper selection of feeds is not made for them. A calf or pig that is shut up tight in a pen has no choice; it is entirely at the mercy of the owner or feeder. Should the feeds supply all the requirement of growth, then all is well and good. If the feeds do not supply the requirements, then development cannot take place. With animals confined in pens the mineral food shortage is usually pronounced, unless some special provision is made to supply such. The effect of its absence is shown in unthrifty, crippled or dwarf animals.

Results of Experiments.

In an experiment recently concluded, where two groups of pigs were being fed the same grain ration, a remarkable difference was noted in one group that received in addition to the grain ration free access to a mineral mixture or salt box containing the following essentials to growth: Lime, bone meal, rock salt, and charcoal. The presence of the salt box in the one pen during the 124 days of the feeding experiment gave an average gain of 132.8 pounds per pig, while the pigs in the pen in which there was no salt box gave an average gain of 69.5 pounds per pig in the 124 days. The presence and use of the salt box was accountable for a gain of 63.5 pounds per pig. If young stock are out on good grass they can generally get what minerals are required for their body development. But the confined animal gets only what you give it, and the giving is indicated by the condition of the animal. If the animal does not thrive your giving has been misdirected or stingy.

Watch Your Stock.

Look at the pigs and calves on your farm. Are they "off their feet," "up in the back," "stunted," or "scrubby"? If so, then just take a look in the mirror when nobody is around and see the fellow responsible for the condition. When you recognize yourself as the stingy or neglectful feeder, proceed at once to the workshop and make a mineral-salt box, fill it, and see that the young animals never want for the essential bone and muscle building elements. The pigs and calves will be more apt to thrive, and they will also have a better opinion of you.—L. Stevenson, Sec., Ontario Dept. of Agriculture, Toronto.

Combating Field Mice.

Traps for field mice can be used only on limited areas. In the case of large tracts, recourse must be had to poisoned grain. One ounce of sulphate of strychnine dissolved by boiling in a pint of water and an equal quantity of cheap syrup added will poison half a bushel of wheat or corn. Cracked and crushed corn is better for this purpose than the uncrushed kernel. This grain should soak in the poisoned liquid several hours and then be allowed to dry. Grass growing about the base of a fruit tree encourages the presence of mice, as does also early mulching. Cover crops such as buckwheat, oats or clover may harbor mice. Snow about fruit trees should be tramped down occasionally to keep mice from working under it. These pests would be less numerous if neighboring swampy areas were drained and thorough ploughing and harrowing resorted to in cultivating crops. Hawks and owls, weasels, skunks and foxes destroy large numbers of field mice.

The free use of an effective lice powder is always in order with poultry. A dustbath is very essential in ridding the fowls of lice. White-washing is effective against vermin. Use kerosene on the roosts and in the cracks to exterminate mites.

Mustard, cress, radish, lettuce, set onion and spinach are crops that can be grown in a hotbed. Be sure that the snow is well tramped about the apple and plum trees. This will discourage mice from nesting near them.

Problems of the Farm

Contributed by Grey County Department of Agriculture

Co-operative Apple Growers' Association.

It is very gratifying to learn that a Co-operative Fruit Company in the Clarksburg district has been formed. This company is affiliated with the Niagara Peninsula Growers, Limited. While only a small percentage of fruit growers have as yet joined, the number applying next year will assuredly increase. Reports of sales at exceptionally good prices have stimulated considerable interest.

The plan adopted is similar to the California Citrus Growers' organization. It is the affiliation of all local citrus growers' clubs into one great organization which does all the selling. By so doing the local clubs Moreover, the volume of business is so great that they can keep all markets supplied with only such quantities as will meet with ready sale. There will not be a glut on one market and famine on another. This uniform delivery means more stable prices for the consumer and less fluctuation for the producer. We hope for the day when the California Citrus Growers Co-operative organization will be duplicated in Ontario fruit selling agencies.

Shipments of Lambs.

The shipments of lambs from Grey County in so far as selling under the Department's supervision is concerned has almost finished for 1922. It has been a rather encouraging year in the sheep business and particularly for those who docked and castrated their lambs.

In almost every case where lambs were shipped, the returns indicated an advance of from 50c. to \$1.50 per hundred over uncared for lambs. Moreover, it is proven beyond doubt that lambs properly looked after have invariably done better. They were quiet, and every pound of feed consumed was used to fatten themselves.

We have grading in hogs now. We want grading in lambs. It will mean that a more palatable product will be put on the market and the consumption of lambs will surely increase. Dock and castrate lambs, for it pays every way considered.

NOTICE TO RELATIVES

Hastie.—If the relatives of the late David Hastie, who was resident in Bentinck or Durham, Grey County, Ontario, Canada, about the year 1870, brother of the late Andrew Hastie, Joiner, Moffat, in the County of Dumfries, Scotland, will communicate with Messrs. T. & W. Tait, Solicitors, Moffat, they may hear of something to their advantage.

FARM FOR SALE

200 acres, Lot 21, Con. 3, N. D. R., Bentinck, near Hanover; 140 acres workable land; 30 acres hardwood bush; 10 acres good swamp; plenty of good water; 40 acres fresh seeded for hay, 20 acres fall wheat; 1 acre good orchard; the rest in pasture; brick house, 8 rooms and bath-room; bank barn, all cemented floors, room for 6 horses, also box stall; room for 30 head of cattle; root house; pig-pen 24 x 36 feet; sheep-pen 24 x 14 feet; can feed all stock from inside cement silo 12 x 30 feet; driving shed, henery, smoke-house, garage. Apply to Thomas Fleming, R. R. 3, Hanover, Ont. 1122pd

NOTICE TO CREDITORS

In the matter of the estate of McKill Grierson, late of the Township of Bentinck in the County of Grey, Farmer, Deceased.

Notice is hereby given pursuant to R.S.O. 1914, Chap. 121, Sec. 56, that all persons having claims against the Estate of the said McKill Grierson, who died on or about the thirtieth day of November, 1921, are requested to send by post prepaid or otherwise to deliver to A. B. Currey of the Town of Durham, Solicitor for the Executors, on or before the 18th day of November, 1922, their names, addresses and descriptions and a full statement of their claims and the nature of the security (if any) held by them duly certified, and that after the said day the Executors will proceed to distribute the assets of the Estate among the parties entitled thereto, having regard only to the claims of which they shall then have notice. Dated at Durham, this 30th day of October, A. D. 1922.

NATHANIEL M. GRIERSON, ELIZABETH M. GRIERSON, Executors.

by their Solicitor, A. B. Currey. 1123

KEEP AN EYE ON YOUR ROOT PITS

(Experimental Farms Note.) It is seldom, indeed, that the contents of a root pit survive the fall and winter storage conditions without being affected by rot or being partially frozen. This of course mean considerable loss in the quality and quantity of the roots stored. Our experiments with root pits at the Central Experimental Farm at Ottawa have given us a few ideas on rot and frost prevention that we gladly pass on to whoever may care to make use of them.

We use a simple type of pit consisting of a trench about 8 to 10 inches deep, and usually about 4 1/2 feet wide, dug on a dry, well-drained site. We use a straight, offset intake ventilator with an opening about four inches square—these are set at approximately five foot intervals in the root pit. After filling the pit we cover it up with four to six inches of straw and then put on about four or five inches of earth. This layer of earth we allow to freeze quite solid before applying the second layer of straw and earth. By allowing this first layer to freeze quite solid, not only is better insulation obtained, but a supporting arch is formed which helps to take the weight of the succeeding layer of earth off the pitted roots, thus ensuring better storage conditions. Normally the surrounding earth is frozen quite solid by the time the second covering is applied. To avoid this difficulty we put a few loads of manure around the pits to prevent the soil from freezing so that when we come to put the second covering on the pits we only have to shovel loose earth.

To prevent the spread of rot in our pits we make use of a few thermometers suspended fairly well to the bottom of the ventilators. An even, fairly low temperature in all the ventilators indicates everything in good shape. A rise in temperature in a ventilator means the beginning of rot in that vicinity, and this condition should be looked after immediately. The rotting of a single root is enough to raise the temperature three or four degrees in the ventilator near which it is located. To locate the spot where the rotting roots are to be found, we check up the temperature in the ventilators on either side of the one where the highest rise in temperature occurred. If the temperature in both of these is about the same it is safe to conclude that the rot is to be found close to the centre ventilator. An unequal temperature in the two ad-

acent ventilators means that the rot will be found between the centre ventilator and the one on the side where the highest temperature is found. A small rise in temperature means that the rot is nearer the centre ventilator whereas an increase in temperature almost equal to the centre one indicates that the rot is likely located almost half way between the two ventilators in question. By checking the temperatures in the different ventilators in this way it is possible to locate a rot spot very closely. The pit can be opened at this spot and the rotting roots removed without the necessity of going over all the pit, as is the procedure where the exact location of rotting roots cannot be determined.

In any case it pays to keep track of the condition of the interior of the root pit by means of a good thermometer.—G. P. McKostie, Dominion Agrostologist.



ZAM-BUK is acknowledged the most scientific and most reliable preparation yet discovered for injuries and skin disease. Yet it costs no more than vastly inferior salves and ointments. NOTHING ELSE has the same marvellous soothing, healing and antiseptic power as this pure herbal Zam-Buk. Use it for all your skin troubles—from Cuts, Burns, Scalds and Sore Hands, to Chronic Eczema, Ringworm, Poisoned Wounds and Ulcers. NEVER BE WITHOUT ZAM-BUK. Does Far More Real Good Than a Score Boxes of Ordinary Salve

Durham High School

The School is thoroughly equipped to take up the following courses: Junior Mathematics, Training to Normal School, Senior Mathematics, Insurance 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.



NIGHT COUGH

CHESTS torn and made sore by an incessant night cough, are comforted and strengthened by Peps. When placed in the mouth, Peps dissolve away into powerful healing and germicidal vapours that are breathed straight to the lungs. Harmful germs in the throat are immediately destroyed, soreness and inflammation in the bronchial tubes is soothed away. The obstructions are softened and got rid of. In Peps you have the benefits of pine-forest treatment at home. Take them for a cough, cold or a chill, for gripple, sore throat, infectious colds and bronchitis.

All druggists and stores sell Peps at 50c. 3 1/2 oz. size for \$1.25. or send 1c. stamp for TRIAL SAMPLE to Peps Co., Dupont Street, Toronto.



Silver Black Foxes

A limited number of shares for sale in Priceville Fox Co., Limited Priceville, Ont. 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.

Stanfield's Underwear for Men & Women

Stanfield's Wool Blankets, per pair \$10.00

Ladies' Silk Mufflers \$1.50, \$2.25 Children's Wool Scarf, each 40c. Children's Wool Toques, each 79c Men's and Boys' Caps, each \$1.50

C. L. GRANT, DURHAM