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THE DURHAM REVIEW

NOV. 19, 1908

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HEADQUARTERS FOR

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We are prepared for the hunting season with a full line of Guns, Rifles, Revolvers and Cartridges of different kinds.

We also have a fine assortment of Lamps, Lanterns, Globes, etc. etc.

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STUPENDOUS SHOE SALE NOW ON

For the next fifteen days our entire stock of Men, Women and Children's Boots will be offered for sale at a 25 per cent reduction.

Prices Cut and Slashed All Over the Store

Now is your opportunity to secure your Fall & winter boots and shoes at greatly reduced prices.

Repairing as Usual

THOS. McGRATH,

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For all Oxford Cream Separator Repairs

users are requested to write F.D. VICKERS, 605 Parliament St. TORONTO, ONT.

Notice to the Public

Being a Licensed Auctioneer for the County of Grey I am in the field for this season, and am prepared to act as Auctioneer at all Sales at moderate rates. Parties may make arrangements with me direct for dates of sales or arrange for same at Review Office or R. Burnett's store, Durham. ROBT. BRIGHAM, Allan Park

Cankers on Apple Trees.

Many Ontario Apple Growers have complained that an unusually large number of branches are dying on their older apple trees and not a few of the younger trees have been killed outright. The trouble has usually been attributed to Elm-Scale and Oyster-Shell Scale. Investigations this Autumn, however, have shown that the greater part of such damage can be traced to Cankers, caused either by a fungus disease known as Black Rot or to a bacterial disease known as Pear Blight, Fire Blight, or Twig Blight. The Black Rot attacks the leaves and fruit causing the latter to rot. On the surface of the rotten fruit little black pustules or pimples almost one-third the size of a pin-head appear after a time. These pimples contain spores which when set free are carried by the wind from tree to tree and help spread the disease in the summer. Either kind of canker may cause diseased areas on the trunk and large branches or at a main crotch. It is not easy to tell in every case to which disease a canker is due.

A light canker, however, often begins by attacking a water-sprout and running down it into the trunk, crotch or main branch and forming a large dead area there. This time of year such areas caused by Blight are usually distinctly marked off from the healthy bark by a crack between the two, and slightly swollen. As a rule the surface of Blight Cankers is fairly smooth, not rough, checked or blackened and is free from pimples except in old cankers where other diseases have got in and caused them.

The Black Rot Canker, on the other hand is as a rule not distinctly marked off by a crack between it and the healthy bark. The central part, especially if more than a year old, is usually somewhat swollen and the bark is rough, black and checked. On part of the smoother surface there will nearly always be found numerous little black pimples or pustules about one-third the size of the head of a pin. These are not rough, checked or blackened and are free from pimples except in old cankers where other diseases have got in and caused them.

Both kinds of Cankers may live over from year to year and continue to increase in size. This is especially true of Black Rot Canker, though often this as well as the other may die out at the end of the first year. The diseased area may be small in either kind or again it may include the whole of the trunk and part of the branches, or may run for several feet along a single branch. In old trees only the branches are attacked.

REMEDIES.

When a tree is too badly attacked to give any good hope of its recovery it should be cut down and burned as soon as possible for otherwise the disease will spread from it even though the tree itself be dead. In the same way dead or dying branches should be cut off and burned either this fall or early next spring, taking very particular pains to see that the cut is made several inches below any trace of the diseased area. All cuts thus made should be disinfected in the manner described below and then pointed. If this is done the frost will not injure them. Wherever a healthy stub is left after cutting off the cankered part of a branch it can be cut a fresh in the spring and graded.

Where the cankered areas are not too large, especially on the trunk and crotches, they should be neatly cut out with a knife or some sharp instrument until the healthy bark is reached. The wounds thus made must be disinfected and painted with white lead (free from turpentine). The painting should be repeated next spring to make sure that no disease gets into the wounds. The best disinfectant to use is corrosive sublimate of the strength of 1 part of this substance by weight to 1000 parts of water. Any drogglet will supply the substance and explain how to make it up. The material will cost only a few cents. A wooden or glass vessel must be used instead of iron or tin as the substance will corrode them. Corrosive sublimate is deadly poison when taken internally, so care must be taken not to allow anything to drink the liquid, and to wash thoroughly the vessel before using it for any other purpose. The best way to disinfect the wounds with corrosive sublimate is simply to tie a little sponge or a small pad of cloth on the end of a stick and, after dipping it into the liquid wash over the surface of the wound. This will kill any kind of worm whatever.

To ward off cankers for the future it is necessary (1) To prevent as far as possible injury to trees by wind-fires or other implements or by hots in climbing. If wounds are made in this way, they should be disinfected and

painted at once; otherwise they let in the germs of the disease. Cankers usually start from wounds of some kind though some times these may be very small. Sun-seal injuries also allow Canker germs to enter hence young trees should be protected against Sun-seal by some one of the well-known devices for this purpose.

2 Water-sprouts should be kept off the trunks and main branches because, as said above, the Blight Disease often runs down one of these and starts the canker below. A few minutes well usually suffice to remove all the water-sprouts from any ordinary tree.

3 The Trees must be carefully sprayed with Bordeaux mixture and special pains taken to see that the trunks and main branches are thoroughly covered with the Bordeaux. The first spraying should be done just before the leaf buds burst, the second a few days before the blossoms open, and the third within a week after most of the blossoms have fallen. Half a pound of Paris Green should be added to each barrel of Bordeaux and the whole kept well agitated while spraying. The spraying will then not only do a great deal to keep off cankers but will also kill most of the Codling Moths (which cause the wormy apples), the Cigar Case-bearers, Pistol Case-bearers, Canker Worms, Bud Moys and many other insects; and in addition will keep the apples free from scab, so that the orchardists should thus get a return for the time and money spent in the form of healthier trees and more and better fruit. Care should be taken in every case to see that the spraying is thoroughly done at the time mentioned. Orchardists that are kept properly pruned and sprayed have been found to be very much less affected with canker than those that are neglected.

I. CASER,

Agricultural College, Guelph.

Read the pain formula in a box of Pink Pain Tablets. Then ask your Doctor if there is a better one. Pain means congestion—blood pressure somewhere. Dr. Shoop's Pink Pain Tablets check head pains, womanly pains, pain anywhere. Try one and see! 25 for 25 cents. Sold by R. MacFarlane & Co.

Breeders' Horse Show.

The next Horse Show, under the auspices of the Ontario Horse Breeders' Association, will be held at the Union Stock Yards, West Toronto (Toronto Junction), on Wednesday, Thursday and Friday, January 13th, 14th and 15th, 1909.

During the time of the Show a good street car service will be given from the City of Toronto to the Union Stock Yards.

The building in which the Show will be held will be specially fitted with a show ring and will be well lighted and heated. All the horses on exhibition will be stabled at the Stock Yards and every opportunity will be given visitors to view the exhibits. Both the C. P. R. and the G. T. R. have sidings in the Yards and there is every convenience for the easy loading and unloading of the horses.

The different classes of the Show with the prize money offered for each are as follows: Clydesdales, \$820; Canadian Breed Clydesdales & Shires, \$140; Shires, \$300; Hackneys, \$420; Standard Breds, \$275; Thoroughbreds \$275; Ponies, \$130; Heavy Draught Horses, \$335; Championships, \$245; Total prize money, \$2215.

The judges of heavy horses will be, Hon. Robert Beith, Bowmanville; James Torrance, Markham; Job White Ashburn; with A. McLaron, Chicago as reserve judge. The judges for Hackneys will be, Dr. Campbell, Berlin; W. H. Gibson, Beasconsfield, Que.; B. Rothwell, Ottawa; with L. Meredith, London as reserve judge.

The list of prizes offered is practically the same as at the last Show; copies may be procured on application to the Secretary, Ontario Horse Breeders' Exhibition, Parliament Buildings, Toronto.

Durham Markets.

DURHAM, Nov. 18, 1908.		
Fall Wheat.....	\$ 85 to \$ 85	
Spring Wheat.....	80 to 80	
Oats.....	35 to 35	
Peas.....	82 to 82	
Barley.....	48 to 48	
Hay.....	7 00 to 8 00	
Butter.....	21 to 21	
Eggs.....	22 to 22	
Potatoes per bag.....	40 to 40	
Flour per cwt.....	2 50 to 3 25	
Oatmeal per sack.....	2 90 to 2 90	
Chop per cwt.....	1 35 to 1 60	
Live Hogs per cwt.....	6 00 to 6 00	
Hides per lb.....	3 to 3	
Sheepskins.....	45 to 70	
Wool.....	23 to 25	
Tallow.....	5 to 5	

A Valuable Farm for Sale

Known as the Aldred Farm being lot 70, con. 2, Bentinck, containing one hundred acres more or less. The place is all well fenced and in a good state of cultivation. On the premises is a frame barn 60x00, with stone stabling, driving shed, sheep pen and root house inclusive. A concrete house with frame kitchen, Summer kitchen wood shed and cistern. Good hard water close to house. Large good bearing orchard. This farm is known as one of the best grain farms in the county. Two and one-half miles from the Town of Durham. This farm is offered for six thousand dollars, one half done, balance at 6 per cent interest. Address all communications to proprietor. JOHN A. ALDRED, Aldred, Sask. Echo Valley Farm.

For Sale.

The following must be sold at once New wagon, new iron truck wheel wagon, a number of large egg vats (would make first class cisterns) 3 or 4 thousand fence posts, lath, shingles, lumber. A quantity of wood near Weibek P. O., will be sold at fifty cents per load. D. JAMIESON, Administrator Spaulding estate. or to DAVID KINNIE, Durham, or A. H. JACKSON, Durham.

Lands For Sale

Valuable farm in the Tp. of Glenelg composed of lots 22 and 23, Con. 3, N. D. R., 100 acres. Possession given forthwith. Title perfect. For particulars apply to J. P. TELFORD, Durham.

Farm For Sale or Rent.

Lot 6, Con. 15, Proton, containing 100 acres, 90 acres cleared, and in good state of cultivation, about 8 acres of hardwood bush. On the premises is erected a barn 45x90 with stone stabling. Good hog pen and hen house. Comfortable house, kitchen and woodshed, also orchard. 3 never-falling wells. About 1 1/2 miles from Church School and Post Office. If sold, will be sold on easy terms. DUGALD FERGUSSON, Swinton Park.

Good Farm For Sale.

The John McInnis farm on Gravel Road, two miles west of Priceville Station on the C. P. R. School, Church and Market convenient, 100 acres, well watered. Desirable location. For terms &c., apply to JOHN MCINNES, Midnapore, Alta. or to C. RAMAGE, Agent, Durham.

Town Residence for Sale.

Splendid Residence Property for Sale in Upper Town; the well-known McLean cottage. All conveniences, Brick veneered, comfortable and cozy. Offers from intending purchasers received at Review Office. C. RAMAGE, Agent.

For Sale.

Good nine-roomed house. Furnace heated. Good garden, out-buildings and large stable. Will be sold cheap. Apply to W. D. MILLS, Box 73, Durham.



Holiday Baking

Is the thing to think of now

We have a good supply of fresh Baking always on hand. Also a good assortment of Candies, Nuts and oranges.

BON BONS ALWAYS FRESH

G. H. STINSON Model Bakery

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sizes, worth 79c
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d, reg. 60c, for 39c
king Mitts, 39c

Starch, per pkg 8c
regular 3 for 25c
6 lbs for 25c
egular 30c a 19c
om- ing 7 bars for 25c

A Sunburst of Bargains for Thursday, Friday and Saturday. Remember we are winding up Saturday night

A. D. LEARROYD, MERCHANDISE BROKER

Selling McKechnie's Big Stock, Durham