

The Advantages of Under-draining.

Many reasons may easily be adduced to show that nature has herself thoroughly drained a considerable proportion of the soil, but it is probable that in course of time, as land becomes more valuable, it will be found advisable to artificially drain the greater part of our level or moderately sloping lands that are worthy of cultivation.

At the outset it may be pointed out that drainage deepens the soil, and so affords greater room for the roots of plants. Unless its roots have an extensive pasture, as it were, no plant can make use of the resources of the soil to the best advantage.

The drain, by taking away the free water that occupies the pores of the soil, allows air to pass through the soil. The soil may be said to breathe through the drain, for there is a continuous movement of air to and fro, up and down, caused by variations in the pressure of the atmosphere.

All sloping land, unless laid down to grass, is liable to great loss by this surface washing during the heavy rains in spring and fall. If the land has not sufficient drainage the rain cannot pass directly downward, as explained above, but runs away upon the surface carrying with it much of the soil, and washing the fertility out of much which remains.

Again, drainage is absolutely necessary for the proper pulverization of heavy soils. It is manifest that a wet soil can never be pulverized. More water is held by a pulverized and open soil than by a compact and close one.

Soils that are always wet, so that large amounts of water evaporate from their surfaces, never become warm. The sun has great power to warm dry soils, or soils which permit of a free circulation of air, but it has little effect on a saturated soil.

Other advantages of under-draining may be mentioned, such as the longer season of crop growth consequent on the earlier seeding of drained land; the comparative freedom of fall wheat and clover from freezing out or winter killing; the absence of open drains, which are a decided nuisance in the cultivation of the land and the harvesting of the crop; and last of all, the removal from the soil of those soluble salts formed by the decay of rock and organic matter, which cannot be used by plants, and the presence of which in the soil causes the condition known as "alkali land."

Yours very truly, W. A. CLEMONS, Publication Clerk.

A Nervous Headache. A very distressing and common malady, doubtless it has its origin in some unbalanced condition of the nervous system. One of the simplest, safest, and most efficient remedies is Nerviline. Twenty drops in a little sweetened water gives almost immediate relief, and this treatment should be supplemented by bathing the region of pain with Nerviline. To say it acts quickly fails to express the result. Druggists sell it everywhere.

GENERAL NEWS.

Acton's tax rate is 19 mills, four less than last year. Collingwood must pay 25 and Kincardine 24.

Rev. T. H. Bennett, of Hamilton, has declined the call to Tabernacle Baptist church, Montreal.

R. W. Brown, of Temiskaming, fought for half an hour with a big black bear and killed it.

Rev. Albert M. Delong, Methodist minister at Gananoque, died at Kingston yesterday, in his 59th year.

The Singer Sewing Machine Company, with headquarters in New York, will establish a branch in Ottawa East.

The ratepayers of Cayuga yesterday carried a by-law by 118 to 12 to loan \$8,000 to aid a cannery, glove and suspender factory.

Prof. Goodwin, of Kingston, has confirmed the report that there is platinum near Wabigoon. The mineral is worth \$20 an ounce.

A Woodstock man is alleged to have departed with a woman of the same place, the one leaves behind a wife and family, the other a husband and family.

General Manager McNicol, of the C. P. R., is wired from the west that harvesters are badly needed out there and will receive \$35 a month, and girls for domestic work \$20 a month.

Fire broke out in the rear of Forsyth's butcher store, Hagersville, last night, destroyed the Standard printing office, Smith's bakery and dwelling, Charlie Lee's laundry and Mrs. Midforth's tenement house.

While J. T. Stevens, accountant, Montreal West, was standing on a boat superintending the unloading of sand for the Chambly dam, something went wrong with the derrick and the machinery collapsed, killing Stevens.

Robert Watchorn, United States inspector of immigration for Canada, stated yesterday in Montreal, that there was a marked improvement in the class of immigrants going into the Canadian west.

The house of Wm. Black, Belleville, was gutted by fire last night through the explosion of a lamp.

Burglars were frustrated in an attempt to effect an entrance to Capt. Anderson's house, Woodstock.

Mrs. E. Allen, late of Toronto, and child, lost their lives by a rowboat upsetting at Edmonton Lake, Man.

The Manchester Trader, stranded on the coast of Anticosti, is reported to be in considerable danger of being wrecked.

Fire destroyed the grinding room and elevator of the Canadian Portland Cement Company at Deseronto.

Foreman Martin, of Brantford, while working on the new Cockshutt building fell down a hoist hole, breaking his arm.

Miss Bayley, of London, while passing a lonely lane in that city Wednesday night, had her purse snatched from her by a thief who has not since been found.

Percy H. Hespeler, of the Bank of Montreal, Fort William, was drowned at Maplehurst. He is a son of Jacob Hespeler, manager of the Molsons Bank in Waterloo.

Conrod, the little three-year-old son of Mrs. Jacob Koenig, Stratford, fell into a tub of hot water while his mother was washing and was scalded to death Thursday.

The clean-up of the Consolidated Cariboo Hydraulic Company, Vancouver, is not expected to be more than \$60,000 for the season. One nugget was found worth \$150.

Mr. Scott, a traveller for Labatt's, had an exciting experience on Stony Lake, where he is summering. While out canoeing the canoe capsized, and Mr. Scott and his guide were thrown into the lake. The guide was drowned, but Mr. Scott was rescued after hanging to the canoe for some time.

TO CURE A COLD IN ONE DAY. Take Laxative Bromo Quinine Tablets. All druggists refund the money if it fails to cure. E. W. Grove's signature is on each box. 25c.

VARICOCELE & STRICTURE. No other disease is so prevalent among men as Varicocele. As it interferes with the nutrition of the sexual organs it produces emissions, loss of semen through the urine, decay of the organs, pains in the loins, aching in the back, nervousness, despondency, lassitude, palpitation of the heart, constipation, and a combination of these results in complete Loss of Manhood. Thousands of young men "middle-aged" men are troubled with Stricture. If you have reason to believe you are afflicted with it, don't neglect it. It will ruin you. Don't let doctors experiment on you by cutting, stretching or tearing it. Our New Method Treatment dissolves the stricture tissue hence it disappears and can never return. We cure Varicocele and Stricture without operation or loss of time. The treatment may be taken at home privately. Send for our Free Illustrated Book on "Varicocele, Stricture and Gleet. We guarantee to Cure or No Pay."

Exchange Echoes.

Yesterday in the Boice Court the wife of a respected resident of Bay Ward was charged with the very serious offence of robbing carbolic acid on the face and into the eyes of a woman named Boyce, who states that a woman, unknown to her, entered her house on Tuesday afternoon last, and walked deliberately up to her and threw the contents of a bottle supposed to be carbolic acid into her face, and afterwards rubbed the poison into her eyes and then left the house. The victim, in a half stupid state, one eye being badly burnt, came up town and consulted a doctor, who gave her all the relief possible. The accused, Mrs. Ray, says that she is not guilty of the charge, and that she does not know the woman Boyce at all, and claims that she can prove an alibi. It is said the woman Boyce got her information as to the identity of the person who entered her house that afternoon from some neighbors, but whether this is reliable or not we are not in a position to state. Crown Attorney Armstrong requested a week's remand, which was granted. The victim, Emma Boyce, by which name she is known, has quite a record in the Police Court and has only returned from the Mercer Reformatory where she served one year for child desertion.—O. S. Advertiser.

Out of the Shadow. The discouragement, the despair of ill-health, out into the noon-tide glory of health, vigor and strength. Are you seeking this way? Are you wishing to replace weakness by strength, despondency by hope and expectation, pale cheeks and lusterless eyes, by the roses bloom and sparkling eyes. If you but use Ferrozine, you will make, rich, red blood, your nerves will grow strong. Old time vigor will return and with it endurance that will enable you to live an active, energetic and successful life. Remember the name, Ferrozine. Sold by all druggists.

A most remarkable escape from a fatal accident occurred at Frank St. crossing of the G. T. R. on Monday noon, to a 16 months' old child of Capt. W. Chapman. The little tot was playing near the track when the noon train heavily loaded was coming in. When the train was within a few rods of it the little one stepped upon the end of the tie in front of the approaching train and looked up at the engine. Driver Greg saw the child's danger and at once reversed his engine and applied the air brakes, but the distance was so short that it was impossible to stop the train and the pilot beam of the engine struck the child on the side of the head, throwing it some distance. The train was soon brought to a stand and Mr. Greg ran back and picked up the child which at the time was thought to be seriously hurt. Medical aid was sent for and on examination it was found that aside from some bruises on the side of the head and a bad shaking up, the child was uninjured. The escape from instant death was certainly miraculous.—Hepworth Journal.

Women and Jewels. Jewels, candy, flowers, man—that is the order of a woman's preferences. Jewels form a magnet of mighty power to the average woman. Even that greatest of all jewels, health, is often ruined in the strenuous efforts to make or save the money to purchase them. If a woman will risk her health to get a coveted gem, then let her fortify herself against the insidious consequences of coughs, colds and bronchial affections by the regular use of Dr. Boschee's German Syrup. It will promptly arrest consumption in its early stages and heal the affected lungs and bronchial tubes and drive the dread disease from the system. It is not a cure-all but it is certain a cure for coughs, colds and all bronchial troubles. You can get this reliable remedy at Darlings Drug Store. tf

STRANGER THAN FICTION.

Interesting Story of Hamilton's First Settler. (Toronto Globe.)

When the American colonies rebelled against British rule, and issued their Proclamation of Independence, there lived in New York on the Delaware, one Robert Land, who remained loyal to the old flag that had braved the battle and the breeze for over a thousand years, and acted in conjunction with the loyalists, his knowledge of the country, quick perceptive powers, energy, and his remarkable stock of physical endurance in connection with his varied knowledge of woodcraft, made him invaluable as a special scout. One night, in conveying an important message to His Majesty's camp, he had the misfortune to encounter an ambush of the enemy, was discovered, fired upon, and wounded; but under cover of the darkness and the thickness of the underbrush, he escaped, dressed his wounds, and remained in hiding until daybreak. He then safely delivered his message and returned to his home, or rather, what he had known as his home, but what was now a heap of smouldering ashes; and, as he thought his family had been murdered by the Indians, and that, in all probability, their ashes were mingled with the ruins of his cabin, he lost all interest in the progress of events, and the only aim in life that seemed left to him was to fly from the place that his calamity had made unbearable. He determined to make his way into British territory, and finally found himself at Niagara, where, with such acquaintances as he could carry upon his broad shoulders, he started to force his way through the vast wilds until he came to the shores of the beautiful Macassah Lake. He took up three hundred acres of land, in the territory now bounded by the bay on the north, Wellington street on the west, and Main street on the south, and Wentworth street on the east. He built here a primitive log cabin and dug-out, situated near where the old Land homestead now stands, at the corner of Barton and Leeming streets, a reproduction of which we give in this number, and became what was Hamilton's first settler and citizen; this was in the year 1778. His nearest neighbors were at Ancaster, situated on what was then the main road, and through the western country, and where considerable progress had been made towards building a village. The only roads between the two points being deer trails, one of these extended over the mountain and down to the bay, and another well-marked trail started from the foot of Emerald street, where remnants of an Indian mound were still to be seen up to the year 1890, and passing up the Dundas valley to the Grand River. Land settled down to the monotonous task of clearing his farm, sowing his wheat and planting his vegetables. For many years he lived alone, and, although the kindly hand of Time to a certain extent soothed his great sorrow, he could not forget the destruction of his New York home and the loss of his wife and children. One night after a hard day's work, and as the shadows of the evening hour began to close around the scene, sitting alone in his dug-out, and, in all probability, thinking of the "days that were no more," and meditating upon the scenes of his earlier life he was startled by the appearance of a shadow thrown across the doorway. Upon going out he found a woman, weary, worn and travel stained, accompanied by two young men; it turned out to be his wife and children, and the manner in which the re-union was brought about illustrates the old adage that "truth is stranger than fiction."

When their New York home was destroyed by the Indians, Mrs. Land, with her children managed to escape, and tracing her husband to his place of concealment, and finding blood and marks of a struggle, came to the conclusion that he had died in the discharge of his duty. She fled to New Brunswick, suffering untold hardships and privations, and finally reached a place of safety in that loyal colony, and in a penniless condition. For a number of years the struggle for life was severe, but she managed to support herself and her supposed fatherless children. In the course of time she became somewhat dissatisfied with her condition in New Brunswick, and she emigrated west to the neighborhood of her father's former home near Niagara Falls. Shortly after her arrival there, she was told that a man named Robert Land had for some time resided there, and that he had left with the intention of penetrating the interior, and making his home under the shadow of the mountain at the head of the lake. As the means of communication and travel were at that time of a most primitive character, and somewhat dangerous as well, it required considerable nerve on the part of a man, let alone a woman, undertaking a long journey through the primeval forest. However, Mrs. Land was determined to see for herself whether or not Robert Land, the hermit, was her long-mourned mate. Starting out on foot with her children, and tramping the entire distance through the trackless forest, she finally found her reward, and the reunited family lived and died in what they considered their little "Paradise on earth in the woods." They were the pioneers of the Ambitious City and Wentworth County.

MONEY at 4 1/2%. MacKay & Dunn, Durham.—tf.

Farm for Sale.

BEING LOT NO. 1 EAST HALF, Egrement, containing 100 acres. Eighty acres cleared and in good state of cultivation, the remainder in good hardwood bush. Comfortable log house, good frame barn 45x60, stone basement, good orchard of about 400 trees, well watered, fairly well fenced, convenient to school and church, 3 miles from station. Terms to suit purchaser. Small cash payment, balance secured by mortgage. For further particulars apply on the premises or write to W. H. LEE, Varney P. O. May 15th, '03.—6mos.—pd.

For Service.

YOUNG CLEAR GRIT STALLION "Prince Bob." Anyone wishing to use a horse of this kind would do well to this colt. Matthew Scott is always in attendance, one door east of Crown hotel. H. WATSON, Pricewille. Feb'y 26.—2m.

Water Power For Sale.

THE UNDERSIGNED OFFERS for sale the water power known as "Hayward's Falls," Glenelg. NEIL MCKECHNIE, Durham, Ont. August 19th, 1902. tf.

House & Lot for Sale.

A HOUSE AND LOT ON QUEEN Street, the property of Mrs. J. I. Browne. The house contains 12 rooms, conveniently situated, and quite new. Will make an excellent boarding house. For particulars apply to J. L. BROWNE, July 10th, 1901. tf. Photographer.

Farm for Sale.

200 ACRES BEING LOT 55, 56 and 59 on the first con., N. D. R., and lot 54 on the 2nd con., N. D. R., Bentine, well watered in good state of cultivation, good barn, and other out-buildings, comfortable house, well fenced, young bearing orchard, three miles from Durham, within half a mile from church, school and post office. Terms reasonable: Cash payment down, balance secured by mortgage to suit purchaser. Will be sold in separate lots or en bloc. The proprietor is going West and is anxious to sell. For further particulars apply to W. M. LEGGETTE, Vickers P. O. Jan. 23.—tf.

Boar for Service.

SUMMER HILL DALMENY JARSON (imp.) from Herd of Lord Roseberry, (Eng.), will be kept for service on the premises of the undersigned. Terms—For grade sows \$1.00, pure bred \$1.50. Sows will be charged for if not returned. JOHN A. BRADLEY, Orchard P. O. June 30.—2m.—c.

Farm for Sale.

BEING LOT 60, CON 1 N. D. R., The "Fraser Property", containing Fifty acres, nearly all cleared and in good state of cultivation. Brick dwelling, frame barn, small orchard, beside post-office and within half a mile of Church and School. Apply to THOMAS H. LAWRENCE, Vickers Post office, or to Mrs. A. HESS, 200 Macaulay Street, East, Hamilton, March 11th, —6m.

For Sale.

LOT 3, ELGIN STREET WEST on which there is a good solid Brick House 20x30, 7 room; Barn and 1 acre of land; good well and young orchard; good stone basement to barn. Also lots 3 and 4, Kincardine Street west, containing 1 acre. No buildings. This property will be sold en bloc or separate to suit purchasers. Owner going west. For terms apply to W. M. WILLIS, Durham. August 3rd.—tf.

Shingles for Sale.

GOOD CEDAR SHINGLES MAY be obtained at right prices from W. J. QUINN, Rocky Saugeen July 28th.—3mos.—c.

Farms for Sale.

THE UNDERSIGNED OFFERS for sale Lots 8 on Con. 21, Egrement, and 3 on Con. 4, S. D. R., Glenelg. Lot 8 consists of 100 acres, 90 acres cleared, well watered and fenced, 50 acres fit to run Machinery over, good large brick house and bank barn, small orchard, 1 mile from post office and 1 1/2 miles from school. Lot 3 consists of 55 acres, 40 acres cleared, balance good hardwood bush. Clear title. One or both lots will be sold on easy terms. For further particulars apply to JOHN WHITMORE, Durham P. O. Aug. 8th.—6m.

First-class Farm of 212 Acres for Sale or Rent.

LOTS 2 OF 10, AND 3 OF 10, 1st Concession of Egrement, and Lot 23, second Concession of Egrement. These lots are in one block, although on different concessions; 180 acres cleared and in a good state of cultivation, balance good bush. Both farms are well watered with spring creeks, one creek runs close to the barn. Good-bearing orchard of two acres. Good brick house, 32x24; kitchen, 16x22, finished in first-class order. Barn, 62x73 ft., with stone basement capable of holding 53 head of cattle; also horse stable, pig pens, hen house and all the building necessary for a well-equipped farm; large weigh scales and slaughter house on farm. This property is well fenced, and a land runs through centre of farm, connecting both farms, from first to second concession. Will be sold in separate parcels if thought advisable. Terms to suit purchasers. Will be sold at a bargain, as the owner is giving up farming. This property is 5 miles from Durham and 10 from Mount Forest and 3 miles from Holmston on the Garafraxa road. School and church convenient. Apply on premises to SAMUEL NEAL, Orchard P. O. July 28th. 6mos.—pd.

Teacher Wanted.

THE UNDERSIGNED WILL RECEIVE applications till 5 p. m., Saturday, the 22nd day of August, 1903, for a female teacher for Priceville Public School. Personal application preferred.

JOHN MCARTHUR, Sec. Treas., Aug. 10th, 1903.—2. Priceville P. O.

Tenders Wanted.

TENDERS WILL BE RECEIVED by the undersigned up to Monday, the 7th day of September, for Street Lighting in the Town of Durham, either for arc or incandescent lights. The lowest or any tender not necessarily accepted. W. B. VOLLET, Clerk. Aug. 10th, 1903.—4.

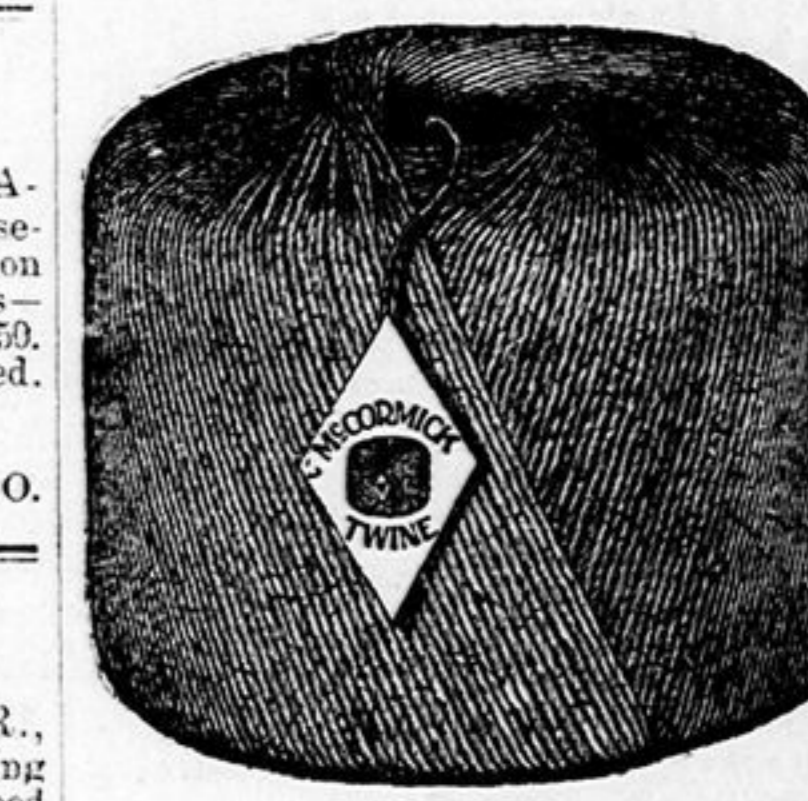
Farm for Sale or to Rent on Shares.

LOTS NO. 46 AND 47, CON. 3, L. S. D. R., Pentinck, containing 162 acres. Good buildings and well watered. For particulars apply on the premises. ALEX. BEGGS, Durham P. O. Aug. 11th, 1903.—tf.

Farm for Sale.

BEING EAST PARTS OF LOTS 4 and 5, Con. 2, W. G. R., Normandy. Also part of second division of Lot 3, Con. 1, Normandy, containing in all about 110 acres, 50 acres cleared, 20 acres of mixed bush land, log house, good frame barn, well fenced, well watered with springs and running brooks, in good state of cultivation, fit for all kinds of agricultural machinery, convenient to church, school and mills. Easy terms. A good chance for quick purchaser. For further particulars apply to T. R. WHELAN, Durham P. O., or the Proprietor W. R. WOODFORD, 254 Borden Street, Toronto, Ont. August 8th, 1902. —tf.

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We don't handle the cheap line of WATCHES. They don't pay either you or us, their life is short.

A Gem for July

The glowing RUBY should adorn those who in warm July are fortunate when will they be exempt and free from life's doubts and anxiety.

RINGS: Friendship, Engagement, Wedding. A. GORDON Watchmaker, Jeweler, Optician. DURHAM, ONT.