

AGRICULTURE.

Night-soil.—Continued. Table XX. computes the annual amount and value of the urine voided in London, making the total amount of urine 1,652,151 tons, and the total solids contained therein, being 1 in 34, 30, 785 tons, worth £34 per ton.

Table with 2 columns: Substance and Amount. Includes Ammonia, Phosphoric acid, Sulphuric acid, Chloride of sodium, Potash, Lime and magnesia.

Value of one ton of urine rather less than £1. Value of annual urine of one adult male rather less than £10. By this computation the value of the liquid excrement of the people of the United States would amount to at least \$50,000,000 per annum.

It may be objected that Dr. Tudehinn's standard value is too high. Some writers place it at 1/2 lb. per day, others at 1/3 lb. per day. It is extremely difficult, if not impossible, to make an exact estimate at the same time, the experience of the world, the experience of agriculture, and the experience of the human excrement, and especially human urine, is of the utmost value as a manure.

At a recent meeting of the Farmer's Club of the American Institute, a paper on "Earth Closets" was presented by Mr. A. Crandall. The speaker, in his address, stated that the decay of Roman agriculture, and the decay of the Roman Empire, was due to the want of manure.

It is difficult to read history in the short chapter that contains the history of the world. The history of the world is the history of the human race, and the history of the human race is the history of the human excrement.

By a better system of agriculture, with the aid of underdrain, subsoil plowing, cattle feeding, and rotation of crops, we are fighting the demand for manure. The demand for manure is the demand for the human excrement.

The earth closet has now been so long in use that its value is fully demonstrated. Wherever it is used, it is found to be an economical and a sanitary point of view, safe substitute, requiring less attention than a privy.

By reference to remarks in preceding chapters, concerning the composition of plants and their uses in the human economy, it will be remembered that certain portions of them, which constitute the ash left after the burning of any vegetable matter, are of great value as a fertilizer of the soil.

Mineral Manures. The ash of the human excrement is a valuable mineral manure. It contains phosphoric acid, sulphuric acid, and other minerals.

After a march of 85 miles in 36 hours, with little water, Major Morrow's command on the 17th struck a small party of hostiles, routing them with a loss of three left dead and capturing 30 head of stock.

THE CONFLAGRATION AT HULL.

Loss, \$250,000.—Hundreds of Houses Destroyed and Thousands Homeless.

Ottawa, April 21.—The awful fire which today has visited the city of Hull is the cause of intense excitement here. Ever since the conflagration broke out at about 2.30 this afternoon, nought else has been talked of, and Ottawa has been well nigh denuded of its inhabitants, who have gone to the scene of the disaster. The origin of the fire is yet involved in mystery. Several theories are promulgated, but in the excitement which still prevails, it is difficult to arrive at the correct one.

At present is unknown. It is reported that a woman confined the previous evening has perished with her new born babe, and a child is said to have been burned to death while seeking its parents. Two men named Ouillette and Panet are missing, and others have not yet been heard of, and it is conjectured that they have fallen victims in the sad catastrophe.

A meeting of the citizens of Hull was held this morning, Mayor Leduc occupied the chair. Addresses were given by Bishop Duhamel, Messrs. Daoust, Hurlbut, Alonzo Wright, M.P., Dr. Graham and Mr. E. B. Eddy. The latter gentleman gave the handsome sum of \$1,000, and was followed by Mr. Alonzo Wright with \$500, Mr. Rawlings, Canada Guarantee Company, \$200, Mr. W. Mackey, \$200, and an additional \$100 from Hon. Mr. Chapleau, and a similar sum from Mr. H. V. Noel.

The estimated loss by the conflagration in Hull is between \$200,000 and \$300,000, with no insurance. The scene this morning which greets the eye of the visitor as he gazes on the thousands of homeless people who have found a temporary shelter in the City Hall and hotels is a painful one.

The parish priest says there are between six and seven hundred houses burnt, the property of poor men, who will be unable, on account of their poverty, to erect new dwellings.

The Marquis de Lorne, with the Princess Louise and suite, have been across and expressed much sympathy with the people in their present distress. The Marquis stated that he would at once send some substantial assistance.

Hull, April 22.—The smouldering ruins of the Hull fire were lately visited by thousands of citizens of Ottawa and vicinity. Among them were the Princess Louise, the Governor-General and suite, who passed through the devastated district and spoke words of sympathy to the sufferers.

and a woman named Lacroix were burned alive, but this cannot be traced to any authentic source. A number of children are missing, but it is thought that they are safe in the care of other persons. There was one woman burned to death, Mrs. A. Goyette, mother of Ald. Goyette. It was thought that their building would be safe, but when it was found to fall a prey to the devouring element, the removal of goods and chattels was begun.

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CHARLES STREET.—Z. Ouillet, M. Collins, J. Kelley, J. Therier, J. Cousineau, M. Bergeron, A. Moncion, L. Beaudry, J. Nadeau, P. Spencer, J. Marleau, H. Lemard, E. Limoges, H. Jolicoeur, H. Legault, J. Galand, M. Prudhomme, J. Latrelle, P. Cabanas, A. Biroleau, J. Sequin, Jr., J. Falardeau, C. Sequin, J. Carriere, J. Morcau, O. St Pierre, A. Gratton, O. Duque, E. Landry, J. Nadeau, X. Richer, J. Duquette, N. Rajotte, L. Morin, Wm McEwan, D. Bastien, H. Plante, M. Groulx, S. Groulx, Miss Lemaire, J. Morin, P. Demers, C. Falardeau, J. Jary, J. Archambault.

BRIDGE STREET.—A. Chevrier, U. Poissant, P. Vallee, J. B. Malboeu, Mrs. Gravelle, Mr. Prevost, Bernabe Sabourin, Octave Latour, D. Sabourin, T. Sabourin, P. Marleau, A. Charette, A. Roy, O. Lafontaine, J. Proulx, G. Sayer, W. Borgeau, J. Beaudoin, L. Navion, F. Grand-maitre, M. Bleau, Mrs. Labelle, C. Chenevert, J. Leclere, G. Galt, J. Gosselin.

CHATEAU STREET.—Mrs. Payne, J. Harper, H. Boisvert, A. Gagnon, E. Bourgeois, H. Renana, J. Chourneau, A. Lane, Joseph Moreau, T. Cusson, Sr., Y. Cusson, A. Gignon, F. Berube, J. Rousel, J. Parent, Jr., T. Major, J. Charbonneau, N. Leblanc, N. Laviolette, J. Duquette, E. Laviolette, J. Duquette, E. Laviolette, Louis Maheux, D. Duguay, L. Prevost, senr., L. Prevost, junr., T. Lord, D. Lauzon, M. Paradis, S. Richer, N. Mercier, A. Prevost, P. Moreau, J. Champagne, Jr., M. G. Belanger, A. Landreau, J. B. Joly, J. Manthier, C. Vandreau, Widow Sabourin, J. Davidson, M. N. Geare, J. Rivet, O. Lamarche, N. Walsh, M. Depail, J. Cedras, L. Roy, J. O. Archambault, D. Sabourin, E. Dupuis, N. Chartrand, J. McDonald, J. Plante, J. A. B. Hannum, A. Payette, J. Ranger, N. Lalonde, J. Therien, senr., P. Bernache, N. Girard, Banque Jacques Cartier, H. Pitre, J. Robert, J. Valle, Z. Groleau, H. Ringuette, W. Blondin, P. Baskerville, J. Kelly, P. Lebrun, C. Montreuil, R. Martel, J. Germain, A. St. Armand, E. Roy, F. Marceau, J. Labonte, J. Pilon, T. Legault, J. Denis, O. Daigneau, J. Maquin, E. Desbrais, J. Charon, X. Larose, G. Barrette, O. Boileau, E. Lazon.

WELLINGTON STREET.—Thos. Hannum, Nazaire Bout, Michel Pinard, Andrew Latrelle, H. Hariseau, France Delisle, Joseph Vaillancourt, Placide Dubois, Augustin Jambou. Mr. Swinyard, Managing Director of the Dominion Telegraph Company, announces that his company will transmit messages free regarding contributions to the distressed people of Hull, signed by the Mayor or Secretary of any Relief Committee.

OTTAWA, April 23.—A number of the Chaudiere lumbermen have generously given to the people of Hull a quantity of timber, and some of the sufferers have already set about the work of cleaning out cellars of ashes, &c., preparatory to rebuilding. The woman who was so badly frightened at the fire lies in a most precarious condition at the Christian Brothers' School, and it is hardly expected that she will recover.

IRISH NEWS. HORRIBLE PLOT AGAINST THE LIFE OF THE LORD MAYOR OF DUBLIN. In the course of his speech at an election meeting held in County Carlow, on Sunday, Mr. Gray, the Lord Mayor of Dublin, one of the candidates for the county, made a statement which has occasioned some excitement.

THE GOSLOW LIBERALS AND HOME RULERS. The greatest and most conclusive victory of the elections has been won at Goslow. Before the polling the Irish electors, said to number 8,000, determined to hold aloof unless satisfied, and ultimately the three Liberal candidates accepted the Home Rule pledge.

ATTEMPTING TO THROW A CANDIDATE INTO THE RIVER. On the arrival of Chevalier O'Clery at the Wexford Court House on Monday there was some groaning and shouting, and the Chevalier was jostled and knocked about for some time. The mob also endeavored to throw him into the river, but the constabulary went to his assistance and succeeded in getting him into the Court House.

THE CATHOLICS AND THE NEW GOVERNMENT. The personnel of the new Liberal Government is, naturally enough, the subject of considerable discussion. That it will include among its members some Catholics is a certainty. Lord O'Hagan, for instance, will go back to Ireland as Lord Chancellor. His first appointment when Mr. Gladstone formed his last administration was in contravention of the law, as Catholics being legally eligible for the post.

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Two other appointments are hinted at: namely, that of Mr. Shaw-Lefevre to the Irish Secretaryship, vacated by Mr. Lowther, and that of Mr. A. M. Sullivan, who has had some talk to do with Mr. Lowther's defeat at York, to the Irish Solicitor-Generalship.

THE EVILS OF EDUCATION WITHOUT RELIGION. Fifty years ago the most famous man in the crusade against irreligion in Government was Laocordic, in France. He protested against irreligion in Government, but among his protestants, in particular, against the idea of the State educating children as it chose, and without religious instruction.

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Our domestic relations are filled with dishonor and shame. Our politics are disgraceful, unprincipled, and without the spirit of elevation and purity, in which the foundations of our liberal government are based. The worst days of the Empire of Rome could hardly be more scandalous than some of the present days of our Republic.

THE CONSTELLATION AND THE DISTRIBUTION OF HER CONTENTS.

LONDON, April 22.—The Herald's correspondent at Cork telegraphs.—Mr. Hopworth and Mr. Shaw went to Queenstown this morning and held a conference with Captain Potter at the Consulate. They decided, considering the delay around Galway, that they had better discharge the cargo here and send it to the distressed districts by rail or partly by water.

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Medical.

EYE AND EAR. DR. L. O. THAYER, OF L. S. A., LONDON, ENGLAND. Surgeon to Regent's Park Eye Infirmary. Oculist and Curist. May be consulted daily at No. 49 Beaver Hall Terrace.

DEVIN'S VEGETABLE WORM PASTILLES. Approved of by the Medical Faculty. Are now acknowledged to be the safest, simplest, and most effectual preparation for the destruction of worms in the human system.

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TAPEWORM! ONE DOSE OF DEVIN'S TAPEWORM REMEDY Will Drive this Parasite from the System. SOLD BY ALL CHEMISTS.

THE COOK'S FRIEND Baking Powder. Is manufactured under the patronage of the CONSUMERS OF CANADA. The constantly increasing demand for the COOK'S FRIEND Shows it to be the "People's Choice." Retailed everywhere. Manufactured only by W. D. McLAREN, 55 AND 57 COLLEGE STREET, MONTREAL.