METHODS OF DRAINAGE.

age may be necessary and under cer- wears a man out quicker than work, tain conditions "the only way;" they but worry is not an accident, it is a must be considered as decidedly ob- symptom—a symptom of nervous exjectionable where tiles can be used. haustion. Other symptoms are ner-The open ditch obstructs the various | vous headache; morning laziness, forms of tillage and all farm opera- that makes it difficult to get out of tions. Its first cost is expensive as bed; a weak feeling in the back; incompared with the tile because much digestion; breathlessness after slight more labor must be expended in the digging of an open ditch. It is liable to be partially filled in by tramping of stock, if the land pastured, by the action of frost and the growth of weeds, so that its usefulness will be impaired. An obstructed channel for the free passage of water is a first essential in farm drainage and this can only be secured as a permanent improvement in the covered tile drain.

a temporary purpose in drainage, all that is claimed for them. I was tiles are so much superior in point of completely run down; my appetite cost when durability and results are was poor, and I suffered much from measured; as to hardly admit of de- severe headaches. Doctors medicine voting any space to the discussion of did not give me the needed relief, so other methods.

lower the water table (by which we my former health returned, and now mean the body of stagnant water I feel like a new man." found in all soils at a greater less distance from the surface), particles are free and open for the admission of air.

The earlier advocates of tile drainage favored drains four or five feet deep. It is a well established fact that the deeper the drain the farther it will drain the water, so at first sight it would seem economical to

DRAIN DEEP.

When, however, we stop to consider the extra cost of digging the deep ditch we shall see that it is the most costly. It often costs as much to Waring says one foot to the hundred be in, and from motives of humanity dig the last foot in a ditch four feet feet is desirable, while one half that it should be relieved. It is a condideep as it did to dig the first three. amount of fall, or six inches in one tion directly opposed to good diges-Of course in any system of drainage hundred feet, is quite sufficient if the tion. there will be likely to be places where execution of the work is carefully at- when it has arrived at a stage the ditch must be deep in order to tended to. get the proper fall; but we think the The distance apart of the tile drains ter is taken, and that causes best authorities do not advocate plac- will depend on the kind of soil and much injury to the digestive organs ing the average tile drain more than the depth of the drains. On heavy as the thirsty condition which it suptwo and a half to three feet deep. clays the distance must be less to se- ercedes. Cattle should, when on dry Muck lands that would be likely to cure good drainage than on soils of feed, get water. settle a good deal after draining loamy or gravelly character. No fixed would be an exception.

the water quickly should be carefully capacity to retain moisture. considered. The rule is that the ca- As a rule, it is wise to employ a and happy and a joy to your home. pacity of tiles is to each other as skilled man to lay out and level the When baby is troublesome you may the squares of their diameters. That drains. This work must be done well depend upon it there is some of the is a tile two inches in diameter will or the drains will prove a failure. many minor ailments bothering him. carry four times as much water as The grading well done, the tiles can These can all be overcome by the use a one-inch pipe; one three inches be laid by anyone careful and pains- of Baby's Own Tablets. Proof of nine times as much. In the earlier taking. days of tile drainage many small If mistakes are made, grades wrong, Falkland Ridge, N. S., who says:vent injury to the growing crops. The about the obstructed tile. Our out- for all the ailments of small children thing to provide for is the extraor- lay will be without benefit. Unless and would recommend them to modinary amount of water that must good tile are well laid in a properly there who have troublesome babies." be removed if crops are not to suffer. | graded ditch, it is a waste of money | most of the tiles laid now are not locate an abstructed tile, and expenless than three inches.

In locating a system of drains the Tiles should be hard and well opening covered with wire to pre- through the joints or ends. vent the ingress of small animals, If one is thinking of expending will be found satisfactory.

MEDICINE FOR MEN.

Something That Will Banish Worries and Brace up the System.

Has it ever occurred to you that you need a medicine as Men-not as old men or young men, but as men? Are you never conscious that the special wear and tear of life which While open ditches for land drain- men sustain need repair? Worry exertion; irritable temper-perhaps some nerve pain as neuralgia, sciatimen, act directly upon the source of structures: discomfort. They restore manly vimen who has proved the value of Dr. Williams' Pink Pills. He says: "I am glad to be able to say that I So while other materials may serve have found Dr. Williams' Pink Pills I decided to try Dr. Williams' Pink The problem of farm drainage is to Pills. I used only a few boxes when

Weak, nervous, broken down menso and women, too-will find new health that it will not interfere with the and happiness in a fair use of Dr. cubic feet of sand will not, when growth of crops. Proper drainage Williams' Pink Pills. But be sure leaves the particles of soil full of that you get the genuine with the moisture but the spaces between the full name "Dr. Williams' Pink Pills for Pale People" printed on the wrapper around every box. Sold by medicine dealers or sent by mail at 50 cents a box, or six boxes for \$2.50, by writing The Dr. Williams Medicine Co., Brockville, Ont.

> and laying the tiles. A very moderate fall will answer when the details are attended to

IN THE BEST WAY.

rules can be given as to distance, The size of tiles so that they may that will always be safe to follow, have sufficient capacity to carry off as soils vary greatly in texture and

tiles were used which worked very a poor tile or carclessly laid, we "I am pleased to state that I have well with the average rainfall; but must remember that if it is buried used Baby's Own Tablets for my were not able to carry off an extra- out of sight the mistake will be ap- children with great success. I think ordinary rainfall quick enough to pre- parent in the condition of the land the Tablets the very best medicine sive to repair a poorly laid drain.

outlet demands most careful atten- burned. Some if exposed to the frost tion. It should be ample for the dis- are soft and crumble and are not from the drains and well protected so enter the tile through the pores to that it will not be obstructed in any any great extent, as many suppose, way. If conditions permit a sub- but through the spaces between the Ont. stantial wall of stone through which tiles. Laid as carefully and closely the discharging tile passes, with the as may be the water will find its way

money and labor in drainage it will The fall required to secure effective pay to look into and master all dedrainage will depend largely on the tails as far as practicable. Too often skill employed in surveying the line such work is begun in haste, carried

on in a haphazard way, and the results are not satisfactory.

HOW TO MIX CEMENT.

Cement is coming generally into use as a substitute for lumber in the building of floors and the erection of silos and other farm buildings. The value of the cement structure will depend to a large extent upon the proportions in which to mix cement, sand and gravel. amount of cement to use will depend upon the character of the gravel and sand, and therefore, it is difficult to lay down any hard and fast rule that will exactly serve in all cases. The following is a test or method recommended by the United States Government for ascertaining the right proca or incipient paralysis. Dr. Wil- portions to use and may be found liams' Pink Pills, as a medicine for helpful to those erecting cement

Take of gravel a certain measure gor and energy, improve the appetite and shake it down to compact it; and tone up the nerves and the whole strike off the top with a straight Mr. Neil H. McDonald, edge; then measure water and pour Estmere, N.B., is one of the many into gravel until all voids are filled. The water used will show the amount of the mixture of cement and sand that will be required to make a proper concrete.

Repeat the operation, using sand instead of gravel, and the amount of water absorbed by the sand will show the amount of cement to add to the sand. But it must be borne in mind that the cement and sand mixed with water will not fill the same amount of space as before putting together and adding the water. That is, one cubic foot of cement and two feet of mortar.

WATERING ANIMALS.

There should be a prescribed system for the regular watering of all animals on the farm. The belief is more common than it should be that water at long intervals is not only sufficient, but that it is the best way of treating cattle. Of course, this is a mistake, and one that ought to be apparent to all who give the matter any thought. In the first place, a thirsty state is an uncomfortable state for the animal to When thirst is allayed only acute suffering, an overdose of wa-

TROUBLESOME BABIES.

Babies are not naturally troublesome-they should be bright, active this is given by Mrs. C. L. Marshall,

Baby's Own Tablets cure constipa-Larger tile is now the rule. I think and labor. It is very difficult to tion, indigestion, diarrhoea, prevent croup, allay irritation at teething time, break up colds and destroy worms. In fact there are none the minor ailments of childhood which the Tablets will not cure. Sold charge of a full volume of water worth laying. The water does not by druggists or may be had at 25 cents a box by writing direct to Dr. Williams Medicine Co., Brockville,

JAMAICA NEGROES.

Much Humor and Philosophy in Their Quaint Maxims.

The Jamaica negroes have a lingo of their own. They laconically express thoughts of wisdom which would do credit to King Solomon. It is possible that aptitude for making maxims has been inherited from the Spaniards, who occupied the island until the middle of the seventeenth century. Their sayings cannot be compared in literary merit with the beautiful proverbs of the Spaniards, but they are filled with as deep philpears therein a keen sense of humor something quite absent in the lingo of the American darkies.

Out of the mixture of philosophy and humor have come many quaint sayings which are as familiar in Ja-As old age comes on it is usually not try Dr. Chase's Kidney-Liver maica as our own. Some of them two pills, which was a rather heavy miliar proverbs; still others express dose; one pill is plenty at a dose. I most aptly that which we have often heard some one say, "Oh, I don't us to beware of calling others harsh It is now about five years since I mind her paying me a visit, but I

in his presence change his manner hole. Dr. Chase's Kidney-Liver Pills one and vocabulary, becoming polite and

The Mutual Life of Canada

34TH ANNUAL REPORT

Presented to the Annual Meeting of Policyholders. Thursday, March 3, 1904.

Gentlemen: Your Directors respectfully submit for your consideration their report of the business for the year ended December 31st, 1903, with the Financial Statement duly audited.

We are pleased to inform you that, in all branches, the business was of a most gratifying character, and that the new business was largely in excess of that of any other year in the history of the Company. The Surplus earnings were such as enabled us to continue the same very liberal scale of distribution to the Policyholders, as in the past. The death rate was slightly in advance of that of 1902, but still much below the expectation. The Lapses and Surrenders have been gradually decreasing for some time, and for the past year were comparatively moderate.

NEW and OLD BUSINESS.—The applications received for new business were 3,518 for \$5,173,112, of which 47 for \$72,500 were declined. The Policies issued were 3,333 for \$5,011,390, and the amount of insurance now in force is, \$37,587,551.58, under 25,730 policies, being an increase in amount of \$3,118,631.

INCOME.—The net premium income, less reinsurance, was \$1,254,-986,47; Interest and Rents \$306,007.48; Profit and Loss \$76.08; Total Income \$1,561,070.03.

PAYMENTS TO POLICYHOLDERS.—The payments to Policyholders were: Death Claims \$253,586.95; Endowments \$122,587; Purchased Policies \$31,972.18; Surplus \$77,800.28; Annuities \$8,274.90; Total \$493,-721.31. Expense Account \$282,728.43; Total Disbursements \$776,449.74. Excess of income over expenditure \$784,620.29.

The Cash Assets amount to \$6,882,953.83; the Total Assets are \$7,-

298,552.12, an increase over 1902 of \$838,772.04. LIABILITIES .- The total Liabilities are \$6,676,224.19, including the requisite reserve of \$6,617,714.89 for the security of Policyholders, computed at 4 per cent., 31 per cent. and 3 per cent.

SURPLUS.—The Surplus of the Company's standard of valuation is \$616,633.46, and on Government standard \$878,466.00. The increase in Surplus is \$117,483.22. During the year the demand for money was active, and the funds

were fully invested, at a somewhat better rate of interest, and in a class of securities entirely outside anything of a hazardous or speculative character. The payments on Principal and Interest were unusually well met there being only \$5,998 overdue interest at the close of the year most of which has since been paid.

The Executive Committee examined all the securities, and compared them with the records, all of which were found correct, and in accordance with the statement herewith submitted.

The Manager, Officers and Staff continue to discharge their respective duties to the satisfaction of the Board.

You will be called upon to elect four Directors, in the place of the Hon. Mr. Justice Britton, Francis C. Bruce, M.P., J. Kerr Fisken and Geo. A. Somerville, whose term of office has expired, but all of whom are eligible for re-election.

On Behalf of the Board, ROBERT MELVIN	, President.
FINANCIAL STATEMENT. LEDGER ASSETS—Dec. 31st, 1902	\$6,098,333.54 \$1,561,070.08
PAYMENTS TO POLICYHOLDERS. Death Claims	\$7,659,403.57 \$ 776,449.74
LEDGER ASSETS. \$2.643,334.07 Mortgages 3,331,019.12 Loans on Policies 792,833.03 10,000.00 Liens on Policies 10,000.00 31,988.02 46,504.85 46,504.85 21,032.61 All other items, including Cash in Banks & ctH.O. 6,242.08 Additional Assets	\$6,882,953.83 \$6,882,953.83 409,903.83
TOTAL ASSETS LIABILITIES. Reserve on Policies in force 4p.c., 3 pc. & 3p.c. \$6,617,714.89 All other Liabilities 58,509.30	

\$878,465.67 Surplus Government Standard 41% and 31% Audited and found correct. J. M. SCULLY, F.C.A. Auditors. J. SCULLY. The growth of the Company during the past year may be seen in the fol-

Surplus Company's Standard 4%, 31% and 3%

lowing table: New Assurance \$ 4,627,878 \$ 5,011,390 \$ 483.513 3,118,531 169,971 1,561,070 838,772 117,483 616,633 Surplus (Company's Standard) The record of progress during the past 30 years is shown in the following figures for each 5 year period:

Year	Income.	Payments to Policyh'd'rs	Assets	Surplus	Assurance
1873	\$ 16,435	\$ 2,687	\$ 23,144	\$ 5,624	\$ 701,000
1873	59,277	12,487	142,619	29,149	1,885,311
1883	199,182	58,833	533,705	43,761	6,572,719
1888	898,075	121,507	1,313,853	90,337	12,041,914
1893	626,208	212,272	2,593,424	226,120	17,751,107
1898	923,941	359,975	4,136,129	271,196	23,703,979
1903	1,561,070	493,721	7,298,552	616,633	37,587,551

The various reports having been adopted, the retiring directors were unantmously re-elected. After a number of able and thoughtful addresses had been made by members of the Board, prominent Policyholders, the agents and others, the meeting adjourned.

The Directors met subsequently and re-clected Mr. Robert Melvin, President; Mr. Alfred Hoskin, K.C., First Vice-President; and the Hon. Mr. Justice Britton, Second Vice-President of the Company for the ensuing year. (Booklets containing full report, comprising lists of death and endowment claims paid, of securities held, and other interesting and instructive particulars are being issued and will in due course be distributed among policyholders and intending insurants.)

ever trivial, therefor, they say, "When Toto want to go to Rio Man- him character." us, little wind come blow him there." "Every John Crow tink (think) him pickanniny white' needs no explanation. "To-day for you, to- you run." morrow for me" takes the place of | our "Every dog has his day." How neck." trite is the saying, "Ceitful (deceitful) like the star apple leaf," the said leaf being double-faced, silver on one side, a dull green on the other. "No call alligator long mout (mouth) till you pass him by" would teach names until out of their power.

Other proverbs that need no expla-

"When cockroach give dance him fowl would cat him.

"Maugre (poor) plantain better none at all" is very like our "half a loaf is better than none."

"Quattie (3 cents) buy trouble hundred pounds can't pay for." "Shoes alone know if stockings got

"Before dog go widout him supper "Parson christen him own pickinny

first."

"Ebry day is fishing day, but ebry

W. H. RIDDELL, Secretary. "Hog run for him life; dog run for "Ebery victual fer eat, but ebery

\$616,633.46

story no fer talk." "If snake bite you, you see lizard, "Follow fashion break monkey "Good friends better dan money wide pocket." "Nanny goat neber scratch him

back till him see wall." "One tief no like see noder tief carry long bag." "Cusscuss (curses) neber break hole

in your head." "Greedy, greedy choke puppy." "Buckra (white man) work neber done."

"Little crab hole spoil big race horse.''

Too much of the mir of human kindness savors of the pump.

To prove to you that Da Chase's Ointment is a certain and absolute cure for each and every form of itching bleeding and pratruding piles the manufacturers have guarantord it. Scotes Imonials in the daily press and ask your neigh fors what they think of it. You can use it and get your money back if not cured. 60c a box, a

ill dealers or EDMANSON, BATES & Co. Toronte Pr. Chase's Ointment

Free of Disease At Eighty Years

Old People Everywhere Are Being Cured of Chronic osophy, and, added to this, there ap-Kidney Disease by

Dr. Chase's Kidney Liver Pills

the kidneys that first fail to do their Pills. I got a box at once, and took are differently worded versions of faduty as filters of the blood.

Uric acid poison gets into the system and the result is much suffering used them regularly for a month, thought in many words, but which from backache, lumbago, rheumatism and at the end of that time was a they have condensed. Have you not and pains in the sides and legs. There is no medicine so well

preciated by the old people as

Chase's Kidney-Liver Pills. They remove the cause of suffering. Mr. R. J. McBain, Niagara Falls, Ont., a man of eighty years and district, writes: "I believe if it had not been for Dr. Chase's Kidney-Liver Pills I would be in my grave before this. I was very bad kidney disease and suffered with you may use it for the benefit of sorts of names behind his back, but dreadful pains in my kidneys. Being others." disappointed in the use of many med-

of ever getting better. ed to see me, and asked why I did W. Chase, the famous receipt book something and seek a reason, how-day no fer catch fish."

changed man.

began using this pill, and since that would not have her live with me for time I have felt as good as I did the world?" The Jamaica negro nation are as follows: forty years ago. I am almost eighty sums this up thus: "Come see me is years old, and am free from all dis- one ting (thing), come live with me no invite fowl." Naturally, ease, except rheumatism, and this is is quite another." much better than it used to be be- When you have put yourself out to well known throughout the Niagara fore I used this medicine. I recom- do a kindness and that kindness has mend Dr. Chase's Kidney-Liver been entirely unappreciated, how Pills with all my heart to any per- well does this apply: "De good you son, man or woman. This is my do, de tankey (thanks) you get." opinion of these valuable pills, and When you hear a man call another all

icines, I had almost given up hopes pill a dose, 25c a box at all dealers, civil, the proverb applied by the him cat cockroach." or Edmanson, Bates & Co., Toronto. negro is "Behind dog, it is dog; be-"One mernit, after a night of es- To protect you against imitations, fore dog, it is Mr. Dog." pecially severe suffering, a friend call- the portrait and signature of Dr. A. When they desire very much to de