# ESTHE WATCHMAN-WARDER.

XLII. Number 25.

Healing

heals every kind of aple to the most

to sell PERRIN'S Perrin's Drug

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RICES

E ST. E.

ER PIPE CO.

TORONTO

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Therefor.

raise by way of loan

oses, that is to say :-

g Fire Hall 5,000 60

atercourses 35,000 co

..... 3,000 co

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\$2250 1914..**\$2650** 2300 1915.. 2750

240) 1916.. 2850

2500 1917.. 2950

2000 1948.. \$200

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Lindsay, the same several yearly sums

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ors in the Town of hall be taken on this AY OF JULY, A.D.

y, at the following the deputy-return-

ne respective places.

arning Officer, Mr.

g Officer, Mr. R. G.

Returning Officer,

er Office, Returning

rner William and

er, Mr. A. A. J.

Returning Officer,

Returning Officer,

turning Officer, Mr.

1899, at the Town dsay, at ten o'clock the time and place o attend at the value of

of the eectors will

KNOWISON,

LOAN

rulem, Pobcaygood

Town Clerk

ay, according o the

\$45,000 00

n Lindsay

each Ward

LINDSAY, THURSDAY, JUNE 22nd, 1899.

75 Cents per ani.

st placed in stock a fresh supply of ....the best.....

AND BLACK TEAS y can buy, ranging in price from 60c. per lb. Special quotations in 10 and 20 lb. lots.

he Little Britain Cash Store.

old more suits this season than ever he reason is evident. Our styles are there's a fit and a hang to them not rested in suits it will pay you to of humus in it for this reason. FIT, and don't bag at the knee.

RICH.,

The Tailor, Little Britain

### ou Want Implements?

been only the best MASSEY-HARRIS Bicycles, Cultivators, Drills, Mow-Tedders, Rakes, Reapers, and Bind-Also a full stock of Plows and Bain Wagons and Toronto

before you purchase elsewhere.

RSDAY, JUNE 22nd, 1899

## AND TILLAGE

ture by Prof. Shuttleworth he Guelph Agricultural College.

MENTS OF SOILS-TWO CHIEF -MINERAL AND VEGETABLE LTIVATION AND PLANT FOOD

returned from an eighteen months' fer tility. Germany spoke with great readi-

al way as I can of "Soil and Tillage."

berated. Neither the mineral nor rotation of his crops.

etable matter alone can produce a Pres. Channon—would you object to fall that the following changes be made:

Thomas Thomas Thompson be entered as o oth must be present. Naturally having a gravelly subsoil. We have crops than it formerly was. then that vegetable matter comes

er to supply the plant growth on the

the soil and nature will ize just as well and the surface will like in soon as you come bet- left pressed down to a smooth baking Mr. Webster, that all commissioners rethe soil and nature it will depend on surface.

ecay of plants or parts of plants. lange takes place slowly in plants or

plants burn. When the soil is vegetable matter this slow com-

liberates enough soluble mineral

you whether the soil's fertility will increase or decrease. I may mention one exception | Somerville Court of Revision | ceive 4 per cent commission on sums of \$10 or over. or decrease. I may mention one exception: sometimes if a soil has a great deal of vegetable matter in it and is not drained, it will become acid. In such a case lime will help but there is no use working land that has not good drainage. It pays better not to touch it.

making plant food is hindered.

it is black. Dark colors absorb the heat. M. F; that H. Rushworth be assessed as A man with a black coat on suffers more tenant for north half 5, con. 12, and east from the heat on a warm day than he half 5, con 13; and that Thomas Boynton would if he wore a white one, because the be entered for M. F. lot No. 5, west Dixonblack allows the hear to go through and st., Kinmount; and - Innis No. 2, west the white reflects it. So if you have black Elizabeth-st., Coboconk.-Carried. soil it attracts the heat, which is necessary The court of revision was adjourned til rdinary suits, and the prices are the to make seeds germinate and plants grow. the 6th of June, and the members went ever knew, equal values offered. If The trowth is earlier on soil with plenty into council, Mr. Griffin in the chair. The

In the second place have humus, because | confirmed. to may want a pair of TROUSERS it is porous. A grain of sand attracts The clerk was authorised to arrange for made here. Trousers cut by me moisture, but only to its outside, it cannot the removal of J. Pelo from the hospital. particle. The result is that the soil is River cemetery. moist, and this with the warmth hastens growth. When dry periods come the and ordered to be paid. moisture is held by this sort of soil long after the poor land is parched. There is Callan, that the clerk be provided with nothing else will tide a farm over dry ten dollars to meet possible expenses re spells like humus. This porous nature of Pelo, any not expended to be returned .a soil, rich in vegetable matter, has the further advantage of admitting the air freely. Plants need plenty of oxygen about their roots and a soil that is not porous smothers them. A soil without humus will bake solid, but where there is plenty of humus the soil is always free and

As an example of how a free soil aids Griffin, that north half lot 5, in the 5th and they were not doing particularly well. for 1899 .- Carried. I dug up the sod for about two feet around | The court of revision adjourned and the them, and you would be surprised at the members went into council, the reeve in result. In a short time they were twice as the chair. The minutes of last meeting but complaint is made of the dirty state in TEREX, Little Britain big as those of my neighbor. The bark were read and confirmed. the foliage was bright and vigorous. This Burtchall, that the reeve get a scraper for placed immediately in a shop window. was all the result of letting in the light Mr. Goldie's division .- Carried. moisture and air to the roots of the trees. Moved by Mr. Griffin, seconded by Mr. The same thing applies to all plants. Burtchall, that J. Akister be given a What are known as humates are the factors in humus that make it so effective in bridge on the 9th con. line, lot 13, at 4 agriculture. These capture the soluble cents per piece, and that he put a railing ash and mineral plant food and hold it on the bridge and that he be paid a against the washing of heavy rains. They reasonable sum for so doing .- Carried. store it up and give it off gradually as | Moved by Mr. Stewart, seconded by Mr. plants require it. Humates are the bank Burtchall, that the reeve examine the butter is now running the Australian proin which nature stores her wealth of plant road on the 3rd line near Mr. H. Coulter's, food. Farms must be rich in vegetable and report at the next meeting of this matter. If you asked me to accept a farm | council as to what is required in the way and keep it poor, I would ask you to keep of repair .- Carried. it, for it would only waste my time .

but it also through stirring the surface a view to getting W. Badgerow there .-MUS AND HUMATES-THE WAY causes the formation of plant food. The Carried. danger is that this will be formed and Moved by Mr. Griffin, seconded by Mr. and delivered a lecture on "Soils must be done with great care, and is not Carried. The professor who has a good thing from the stand-point of Moved by Mr. Burtchall, seconded by

vigor. The following is an out- it down and take off one crop the land is bridge replanked .- Carried ciples that underlie the cultiva- is in good condition, but if you leave it a to authorize the expenditure of certain the soil and the production of crops. third season it is not as good for the crop monies on the roads, be now read and is good and the tillage proper, is lighter, the clover will be killed and the passed.-Carried. will be good taking one year with sod poorer. It is better to break up sod Of course there will be excep- after the second crop. Peas sowed on Burtchall, that the bill of the Toronto weather may in some cases broken sed will rot it well and store up General Hospital be paid, and also D. an's most skillful efforts, but as a oxygen from the air, but at the same time | Steel be paid one dollar for removing old does not do so, but rather co-oper- the clover and other roots in the soil are plank and sand off the bridge over the ith them. I wish to speak in as decaying and giving off the very food that river on the 7th line. - Carried.

Suppose you sow oats on the Burnt River on the 24th of June. matter of fact soil is comprised of the pea ground down in the fall. different elements, but I shall only That is a mistake, for its surface is rich in Fenelon Council Freceedings of them under two headings, for food for wheat, and plowing turns it away wo are all that we need to consider down and turns up land that has little purpose. They are the mineral food for wheat, Your oats did not need and the vegetable element. If the wheat for they get their nourishment In straw you have a white ash re- in other ways, and wheat should have Cameron on Thursday, June 8th. Minutes been sowed instead of them. Speaking of of court of revision at Glenarm read and getable you have the same result. eats, there is no crop harder on the land. adopted. decay in vegetable matter is practi-listing process of burning, so that one should possess of the changes that go on the mineral is liberated. Neither the mineral por

Prof. Shuttleworth—res, unless in some of partiot 1, con. 2. Inchas II. Incha them. The object of tillage is Scuffling and hoeing are hard work and as tenant of w. hf. 16 and 17 con. 7, and stored mineral soluble and to it is a question whether the weeds or the late. There is a question whether the weeds or the late. There is a question whether the weeds or the late. There is a question whether the weeds or the late. There is a question whether the weeds or the late. There is a question whether the weeds or the late. There is a question whether the weeds or the late. There is a question whether the weeds or the late. There is a question whether the weeds or the late. There is a question whether the weeds or the late. There is a question whether the weeds or the late. The late is a question whether the weeds or the late. The late is a question whether the weeds or the late. The late is a question whether the weeds or the late. The late is a question whether the weeds or the late. The late is a question whether the weeds or the late. The late is a question whether the weeds or the late. The late is a question whether the weeds or the late. The late is a question whether the weeds or the late. The late is a question whether the weeds or the late. The late is a question whether the weeds or the late. The late is a question whether the weeds or the late. blants to develope every way. They farmer will get possession. He gets lots Harris be entered on roll as m. f. voters of hard work and perhaps some turnips. and that the assessment roll of 1899 as now of hard work and perhaps some turnips. Then he plows in the fall for barley or amended be adopted and signed by chairbeenting water and pour it on a filter wheat next spring. Now there is a misdeentire mixture will pass through. wheat next spring. Now ducte is a final Before proceeding with general business that and water and track the surface of that turnip ground is the surface of that turnip ground is the surface of t and and water and try the same is rich in what barley or wheat needs and the Board of Health, composed of Messrs.

mineral matter in it to sustain the poverty of much of the soil in this country. this board recommend payment by council hat are expected to condition that Dr. Wilson that are expected to grow upon it. Farmers are working harder, but the soil of said bill on condition that Dr. Wilson important that after the mineral is not getting richer, and the inducesome soluble means should be taken ments to spend money are greater. It is effort to collect it and produces Mr. etially necessary on light lands or daving a gravelly subset of the lands or not make it more expensive to harvest the pay it.

MR. RENNIE'S WAY I advocate the system followed by Mr. Rennie at the college. Plough up the sod immediately after the second crop of hay. motion carried. but it is chemically the same thing smothered. Harrow down the surface to taken up and minutes of last meeting read hold the moisture and the surface loose. The sod will rot and the weeds and thistles sprout. Ammonia will gather. It makes little difference what sort of a harrow you y of vegetable depends on a plentiful use. Draw out manure in the fall instead of vegetable matter in the soil. of ploughing. Keep it under cover, well notice that the color is the fall of humates and the Fenelon Agricultural Society.—Carried. of new land abundance of it. tramped down, the various sorts as much notice that the color is darker. When the ground is full of humates and the trop a new piece that the color is darker. When the ground is full be retained. Mrs. R. Burton's case was then take the ground is full of humates and the manufacture of the ground is full of humates and the manufacture of the ground is full of humates and the manufacture of the ground is full of humates and the manufacture of the first comes and the manufacture of the first case was then taken up, and Dr. Ray, M.H.O., being present up, and Dr. Ray, M.H.O., being present was asked as to her present condition.

The first case was then taken up, and Dr. Ray, M.H.O., being present up, and Dr. Ray, M.H.O., being present up, and Dr. Ray, M.H.O., was asked as to her present condition.

It was then moved by Mr. Webster and It was then moved by Mr. Webster and than the rest of the farm. That is the spring it will plough or harrow down seconded by Mr. Irwin, that \$20 be grant-The problem of agriculture to-day is an one leave it in sod or forest nature will steep you sow, not after for it will pulver fore you sow, not after for it will pulver for a you sow.

and Council Proceedings

Council met at Burnt River on May 27th, for court of revision pur-Griffin, Callan and Burtchall. The

can we make the farms produce as much as formerly?" In those days there was Feil, sr., be assessed for south half lot 8, in Moved by Mr. Perdue and second plenty of humus. Constant cropping has the 8th con., instead of W. H. English; removed much of it. The removal of the that C. W. Switzer's name be erased; and forest has had a bad effect too for it ex- that Thomas Watson be assessed as freeposes the land and the natural process of holder for 13 and 18 Queen st., Coboconk There are several reasons why soil holder for lot E. N. Cameron-st., Coboconk; should be rich in humus. First; because that Charles Callan be entered on roll for

minutes of last meeting were read and

absorb or retain it. Humus acts like a Also to prepare a by-law for the assumpsponge and admits the moisture into every tion by the municipality of the Burnt to meet at Cambray at the call of the Accounts amounting to \$31 were passed

Moved by Mr. Stewart, seconded by Mr.

The council adjourned till the 6th of June to meet at Burnt River.

Burnt River, June 6th, 1899. read and confirmed.

t Class Meat Shop in connecting the first state of sed and Dried Ham. Come and get place. The sod had grown around them the roll as revised be the assessment roll

was fairly splitting with the growth and Moved by Mr. Stewart, seconded by Mr.

Moved by Mr. Burtcha'l, seconded by Mr.

Griffin, that the clerk arrange for the Cultivation is the means whereby the admission of J. Pelo into the House of farmer co-operates with nature to enrich Providence, Toronto, on the terms mentionhis farm and produce the best crops. As ed, namely: the council to pay \$75 per a rule it is not a good thing to bare year in quarterly payments. Also that he summer-fallow. Its object is to kill weeds, correspond with the said institution with

attended the annual meeting of as many as 50 have been known to wash on the Cameron road repaired and report Victoria Farmers' Institute in out. Plowing up stubble after a crop at the next meeting of the council.-

Mr. Callan, t at Mr. Griffin get the bridge Take a field of average soil. If you seed over the Burnt River known as Mitchell's being filled with roots. The second year moved by Mr. Burtchall, seconded by important to get hold of the great they are more plentiful still and the land Mr. Stewart, that by-law No.-, a by-law

> Moved by Mr. Griffin, seconded by Mr. The council adjourned to meet again at

and Court of Revision.

Adjourned court of revision met at

Prof. Shuttleworth—Yes, unless in some of part lot 1, con. 2. Thomas H. Thompson,

Jou will find that the water goes he buries it down so deep that the grain he buries it down so down so down so down so he began.

The began is the began in the began in the began in the began is the bear in the began in the began in the began is the bear in the began in the began

Moved in amendment by Mr. Dewel and seconded by Mr. McGee, that \$18 be paid Dr. Wilson as full payment for said bil!. The chairman declared the original

The general council business was then Moved by Mr. Irwin and seconded by

Mr. Perdue, that this council confirm payment of \$2.50 to Mr. Parkin for attendance at Board of Health at Cambray, Feb. 22nd.-Carried. Moved by Mr. Webster and seconded by

Amendment by Mr. Irwin and seconded by Mr. Dewel, that this council pay a

commission of 4 per cent. on all sums expended on roads. - Amendment carried. The following by-laws were then given suant to notice. Present Messrs. Stewart, their usual readings and were signed and sealed, namely: By-law No. 530 for appointmembers having taken the prescribed ing a clerk; by-law No. 531 providing for The decaying vegetation in the soil is oath, Mr. Griffin was elected chairman, the expending of certain sums on our called humus—a word that every farmer and the following appeals were disposed township roads; by-law No. 532 being a byought to know. Some vegetation goes as of: F. G. Evans, appellant, \$25 reduction law to assist in the building of wire fences far as 30 feet down into the earth. Not a tion on assessment; W. W. Hales, appell- along those portions of the highways quarter of the soil under cultivation con- ant, assessment confirmed; Chas. Poole, subject to drifting; and by-iaw No. 533, tains enough humus. The vegetable matter is not in it and hence the plant food is not formed. The question now is "How Burtchall, that Dr. E. A. White be assessumed to \$100 being a by-law to empower the reeve and treasurer to borrow from a Lindsay bank sums of money not exceeding a total of

Moved by Mr. Perdue and seconded by Mr. Webster that the following bills be Jno. McNabb, removing dead horse

off road......\$ 2 00 Wm. Harris fixing McLaren's bridge. 50 G. W. Beall's acct.for municipal supplies..... E. D. Hand, advertising court of C. D. Barr for register certificates... 5 00 Ed. English for snowing Currie's bridge...... 1 00 Messrs. Dewel and Perdue each \$2

inspecting proposed road on or about lot 31 on 8th con..... 4 00 Mary and Sarah McFadyen each \$5 (charity)..... 10 00 Mrs. Wells (charity)...... 5 00 Moved by Mr. Webster and seconded by Mr. Irwin, that this council now adjourn

### They Ought to be Clean.

In his report of recent date regarding Canadian dairy produce in England Lord Strathcone, Canadian High Commissioner in London. says of the butter packages:

Apparently greater progress has been made in the exportation of butter than in Court of revisiou resumed pursuant to any other branch of the Canadian export adjournment. Minutes of last meeting trade. The difference between the price paid for Canadian butter and that paid for the best commodity in the market is gradually being reduced, but until this is done the efforts to improve trade conditions should not be allowed to slacken. The High Commissioner and all the Canadian commercial agents give considerable prominence in their recent reports to this branch of trade. Lord Strathcona says: "The 56lb, boxes seem to be in favor, which the boxes arrive. The Australian boxes arrive clean and bright, fit to be This defect, of course, can be avoided by bagging, but the addition to the price is resented. The attention of the steamship companies ought to be called to the matter, as the appearances of the packages in which the butter arrives must necessarily have a considerable influence on its sale, tailers. There is no doubt that Canadian Wm. Robson's Grocery. duct very close, but it should be shipped as soon as made, and not kept in cold storage. The quality must be maintained at a high and regular level, and supplies most be regular. What is wanted is for the creameries to have recognized brands, which will become known here."

- Excavations which are being made at Dunkirk, France, in connection with the extension of the docks have revealed a wooden warship with antique canon buried sday, the 6th inst., Prof. Shuttle- washed away. Out of 90 pounds of Stewart, that Messrs. Burtchall and in the sand. It is believed that the vessel mist of the Guelph Agricultural nitrates that may form during a summer Callan get the bridge over Corbin's creek belonged to the Spanish Armada, which of England.

you look old. Even pale cheeks wen't do it. Your household cares may be heavy and disappoint ments may be deep, but they cannot make you look

One, thing does it and

It is impossible to look young with the color of seventy years in your hair.

permanently postpones the according to directions in gradually brings bask the color of youth. 'At Bity your hair may look as it did at fifteen. It thickens the hair also; stops it from falling out; and cleanses the scale send you our book on the Hair and its Diseases? In Best Advice Free.

If you do not obtain all the benefits you expected from the use of the Vigoravrite the dector seem it.

## What Constitutes a First= Class Grocery?

\*\*\*\*

Keeping everything in season in sufficient quantity to supply all classes.

Keeping first quality of goods.

Clerks that understand the business thoroughly.

A nice clean store with everything in its place, and a place for everything.

Prices within reason.

A proprietor willing to listen to suggestions from customers.

You will always find the above at

Noted for PURE TEAS and COFFEES

## J. J. Wetherup,



# SEWING MACHINES

I find by experience that

The Bell, The Dominion and The Mason & Risch

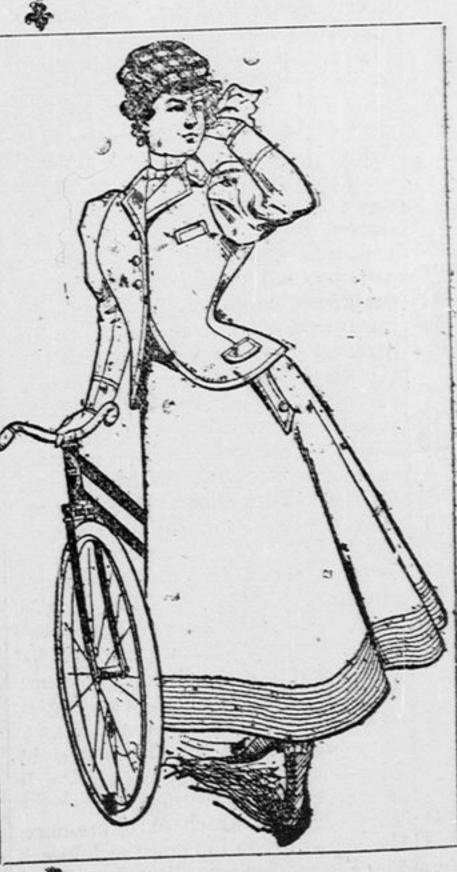
are among the best. I have a few high-grade BICYCLES left, which will be sold at wholeboth in the case of whole alers and re- sale. To be seen at my office at the Corner of Sussex and Peel-sts., Three Doors North of

P.O. BOX 415

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The Red Bird-Best To-day and Good for Years

## Dainty Wheel For Dainty Women.



The daintiest bicycle creation of the yea is our ladies'

## Red Bird Special, Model 51.

Fitted with our new caged bearings it is delightfully easy running.

Beautifully finished, and with every detail of construction given the most careful attention by thoroughly skilled mechanics, it is a wheel that is not only exceedingly handsome, bnt one that will give good service for years after the majority of wheels have been relegated to the scrapheap. The peerless Brantford

Red Bird is sold in every Canadian city and town from the Atlantic to the Pacific, and can be seen at your nearest Red Bird Agency. If you are a prospective bicycle purchaser you might find it profitable to make a tour of inspection to-day.

The Goold Bicycle Company, Limited.

S. A. & J. O. CULLEN,

AGENTS, LINDSAY, ONT.