MARKDALE STANDARD

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The Markdale STANDARD

is published on Wednesday by
G. W. RUTLEDGE,
Markdale - - Ontario.

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ADVERTISING RATES.

Display Advertisements are charged at the following rates per inch for each insertion:

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6 " " 12c
3 " " 12c
2 " " 14c
1 " Contract 15c
4 " " 16c
3 " " 18c
2 " " 20c
1 " " 25c

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Local Notices inserted in local column, 10c per line to transient advertisers, and 5c per line to contract advertisers.

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Advts. without specified instructions will be inserted till forbid, and charged accordingly.

All Advertisements subject to the approval of the Publishers.

Job Printing covering Special Contracts supplied promptly upon application.

All correspondence intended for the paper should be addressed to The Standard, Markdale.

BUSINESS DIRECTORY

J. A. SPROULE,
Conveyancer, Appraiser and Money Lender.
Deeds, Leases and Wills
Valuations made on Charges very low.
J. A. Sproule, Flesherton.

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Solicitors, Etc.
Office: Block, Markdale;
Offices: Bank Bldg., Toronto
Thomas, K.C., W. E. Raney,
D. Henry, B.A.

DENTISTRY.

J. A. MacARTHUR
Dentist
Office: Artley Block (over Bowes' store). Entrance at south-west corner of building, Toronto

L. G. CAMPBELL
(L.D.S., D.D.S.)
Dentist Surgeon. Graduate of Ontario College of Dentistry and University of Toronto. Office over the post-office. Office hours 9 a.m. to 5 p.m. Appointments made by phone.

DR. FOLEY
Dentist
CHATSWORTH
(Opposite the Post Office) 8tf

FRATERNAL.

A. F. & A. M.
Hanover Lodge, No. 490, G.R.C., Markdale, meets in Masonic Hall, McFarland Block, on Tuesday evening on or before the full moon every month. Visiting brethren cordially invited. H. C. Hall, W.M.; Bam Brady, Secretary.

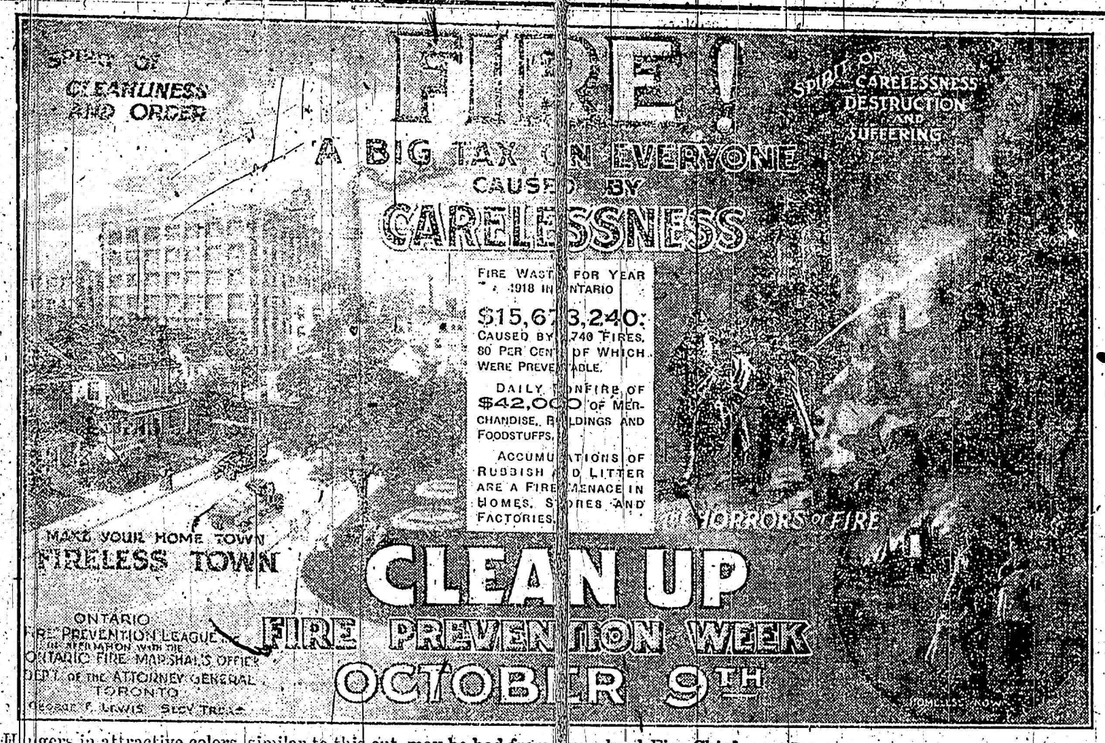
I. O. O. F., No. 399.
Markdale Council, Canadian Order of Foresters, No. 399, meets second Monday in the month in Sarjeant's Hall at 8 o'clock. A Jackson, Chief Councillor; Herb. M. Irwin, Recorder.

SAUGEEN LODGE, No. 327, I.O.O.F.
Meets first and third Wednesday in the month at 7.30 p.m., in their hall, Main street. Visiting brethren always welcome. Herb. M. Irwin, N.G.; Alex. McEachnie, Sec.

MARKDALE, L.O.L., No. 1045.
Meets in Sarjeant's block on Thursday evening on or before full moon in each month. Visiting brethren made welcome. Earl Davis, W.M.; John McFadden, Secretary.

MISCELLANEOUS.

J. W. PATTON, J.P.
Rocklyn, Ont. Issuer of Marriage Licenses. Business strictly confidential.



Hangers in attractive colors, similar to this cut, may be had from our local Fire Chief, or ONTARIO FIRE PREVENTION LEAGUE, INC., 153 University Ave., Toronto

Farm Crop Queries

Conducted by Professor Henry G. Bell

The object of this department is to place at the service of our farm readers the advice of an acknowledged authority on all subjects pertaining to soils and crops. Address all questions to Professor Henry G. Bell, in care of The Wilson Publishing Company, Limited, Toronto, and answers will appear in this column in the order in which they are received. When writing kindly mention this paper. As space is limited it is advisable where immediate reply is necessary that a stamped and addressed envelope be enclosed with the question, when the answer will be mailed direct.

B. B.—I would like to ask if sweet clover should be sown in the fall or spring to get best results. If sowed on bean ground should the ground be plowed after the beans, or simply disked in good shape?

Answer:—As a general rule the seeding of sweet clover in the spring gives better results than if it is sown in the fall, especially under climatic conditions prevailing in Ontario. Bean ground should be plowed, disked and thoroughly harrowed in preparing it as seedbed for the clover. I would not advise deep plowing, but just a medium depth so that a firm, fine seedbed could be obtained. One of the important things to look out for in getting a catch of sweet clover is to innoculate the soil with the right family of bacteria. In order to do this, address the Bacteriology Department of the Ontario Agricultural College, or obtain sweet clover culture elsewhere. Full instructions are provided with the innoculating material so that the treatment of the seed is simple. Do not confuse innoculation with fertilization. Innoculation is simply the introducing the right family of bacteria to grow on the roots of the sweet clover. Fertilization is the addition of plantfood which will help these tiny forms of life to thrive in as much as it promotes the growth of the plant, just the same as whole-milk feeds the cattle. You can increase your plantfood by manuring the soil or by fertilizing—frequently by both methods.

I would advise you to use a nurse crop with the sweet clover, such as provided by a bushel of spring wheat or barley to the acre. In order to insure a good catch you will do well to sow about 250 lbs. of fertilizer analyzing 2 to 3 per cent. ammonia, 10 to 12 per cent. phosphoric acid, and approximately 2 per cent. potash to the acre. The success of your sweet clover stand will depend largely upon the vigor of its start. The treatment indicated will give greatest opportunity for a good strong start.

G. H. B.—Will you please advise me how to treat seed wheat for stinking smut?

Answer:—The general treatment for stinking smut in wheat is to immerse the seed in formalin solution. Proceed as follows: Into a barrel that contains about 40 gallons of water pour a pint of formalin (40 per cent. formaldehyde) and shovel the wheat that is to be treated into an open mesh bran sack, filling the bag about three-quarters. Set the bag into the barrel of formalin mixture and leave it in there for 20 minutes. By this time the liquid will have penetrated the spaces between all of the kernels and will have killed the disease spores or seeds which stick to the kernels of wheat. Take the bag out and spread the wheat so that it can dry rapidly in order to prepare for sowing. This is best done by spreading it four to six inches deep on a clean floor or cloth and keep it stirred with a rake. When sowing the treated seed it will be necessary for you to open the seeder a little wider than for untreated grain since the treatment tends to swell the kernels a little. One gallon of the liquid mixture will treat approximately one bushel of wheat.

C. E. S.—I have a piece of sandy soil which has been cleared seven years, on which five seasons ago I sowed rye, with a 10½ bushel yield per acre. I sowed Mammoth clover, which failed. After rye was taken off I sowed to rye and vetch and have done so each season since, with a yield of eighteen to twenty-two bushels per acre. This spring I sowed Mammoth clover and timothy on part and alsike and timothy on part, hoping to get it seeded. A portion of it was top-dressed with stable manure but I got no grass. What I want to know is, will it kill the land with vetch and rye, and will this soil grow sweet clover, and what variety is best for profit? Also, would one be more likely to get clover by seeding in fall when we sow the rye and vetch? I have seven acres of this kind of soil. A portion of it has been manured heavily twice in five years and I aim to go over perhaps half of it this fall again. Vetch ran five and a half bushels per acre this year, with sixteen and one-fourth bushels of rye.

Answer:—From your description of the soil I am of the opinion that this sandy soil is sour. I would advise you to apply half to one ton of ground limestone to the acre, putting it on any time during fall or early spring and working it into the ground by harrowing. If you wish to try sweet clover, proceed as described under the first question above. You will need to use from 20 to 25 lbs. to the acre of good seed.

Regarding the plantfood removed by rye and vetches, with a twenty-bushel crop of rye to the acre you remove approximately 29 lbs. of nitrogen, 15 lbs. phosphoric acid, and 23 lbs. potash, while with a 2½ ton per acre yield of vetches you remove 23 lbs. nitrogen, 5 lbs. phosphoric acid, and about 22 lbs. potash, which is a little less phosphoric acid and potash removed by common red clover.

As far as killing the land with vetches and rye is concerned, of course you know it is a matter of plantfood exhaustion. Any crop grown continuously without the return of plantfood will use up the available supply of plantfood in the soil and render the soil less useful than before. The vetch crop being a legume, of course, will have some power of keeping up the nitrogen as will the sweet clover crop, but neither of these crops can of themselves add phosphoric acid or potash. It is sometimes argued by enthusiasts that they bring up phosphoric acid and potash from the depths of the soil. This has never been proven experimentally and is only a theory. What has been proven is that the yield of clovers and grain have been very profitably increased by liberal fertilization, and, of course, the growth of legumes is exceedingly beneficial in that they help to keep up the supply of humus in the soil. Keep in mind that the two great principles to act upon are first, make the home congenial for the plant, second, supply it with abundance of suitable plantfood.

Enforcing the Rules.

The new doorkeeper at the local museum had evidently learned the rules by heart before taking over the job.

"Here, sir, you must leave your umbrella at the door," he said to a visitor who was going straight through the turnstile.

"But I haven't an umbrella."

"Then you must go back and get one," was the stern reply. "No man is allowed to pass in here unless he leaves his umbrella at the door."

"There are two freedoms—the false, where a man is free to do as he likes; and the true, where a man is free to do what he ought."—Kingsley.

AUCTIONEERS.

B. H. WALDEN,
Licensed Auctioneer for the County of Grey. All sales promptly attended to. Farm sales a specialty. Arrangements for sales may be made at Standard Office or B. H. Walden, Markdale.

J. A. BURNSIDE
I have taken out an auctioneer's license and am prepared to meet the demands of the public in this capacity. Farm sales a specialty.—F. A. Burnside. Licensed Auctioneer for Grey County.

ALBERT CURTIS
Licensed Auctioneer County of Grey. All sales promptly catered to. Rates reasonable. Phone Chatsworth 42 R 2-2 or write Holland Centre R 3. 32*

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In all countries. Ask for our INVENTOR'S ADVISER, which will be sent free.
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364 University St. (Cor. St Catherine St.) Montreal

Wood's Phosphodine,
The Great English Remedy.
A positive cure for all forms of Sexual Weakness, Mental and Nervous Debility, Brain Worry, Emissions, Spermatorrhoea, Impotency, Effects of Abuse or Excess, all of which lead to Consumption, Insanity and an early grave. Price $1 per pkg., six for $5. One will please, six will cure. Sold by all druggists or mailed in plain envelope on receipt of price. Write for Pamphlet. The Wood Medicine Co., Windsor, Ontario.

THE TRAPPER.

When Skins Are Prime.

There is only one excuse—a poor one for all concerned—for trapping too early. The excuse is, of course, that some other trapper may get ahead of you.

But where the trapper has no competition—on his own farm for instance—or where an agreement can be reached to wait, the taking of furs at the right time will bring far larger returns.

In a great many cases inexperienced trappers get out too early because they are not quite sure when the various furs are prime. Hence the following may enable no inconsiderable number of trappers to make more money out of their work this year.

Skunk are prime the end of October. They depreciate about the middle of March.

Mink is best during November to the end of January. The fur depreciates during February.

Muskrat is fair in the fall, when trapping is, of course, easiest. But the prime fur is taken in the period from mid-winter to March. A good condition may be expected up to about the first of June.

If you are after raccoon you will find the fur prime about November first.

Fox, speaking generally, is prime from the first of November until the middle of March.

It will pay trappers handsomely to concentrate their efforts upon the periods when furs are prime. Certainly no great departures should be practiced since the result is furs which are of little value to the fur houses. By having plenty of traps and making every possible preparation to work vigorously during the right season is the way to get the most out of trapping.

Autumn Wonder.

"A haze on the far horizon
An infinite, tender sky;
The rich, ripe tint of the cornfields,
And the wild geese sailing high;
And all over upland and lowland
The charm of the goldenrod;
Some of us call it autumn,
And others call it 'God.'"

Cabbage and nearly all root crops may be stored in the ground.

Celery seed added to boiled summer squash gives the squash, which is apt to be insipid, very much more of a pleasing flavor.

After supper the farmer rests,
The apples are pared, the paper read,
The stories are told, then all to bed.
Without, the crickets' ceaseless song
Makes shrill the silence all night long;
The housewife's hand has turned the lock;
Deep sink ticks the kitchen clock
As the household sinks to deep repose.

Bedtime Stories

Where the Leaves Go.

"Why are you dancing?" cried Squirrel, poking his head out of hole in the tree.

"Don't you know? Don't you know?" chuckled the five little wood elves. "'Tis time for us to gather the leaves."

"I'm to have the oak leaves," cried the first, turning a somersault.

"I'm to have the poplar leaves," cried the second, springing into the air and clapping his hands over his head.

"I am to have the maple leaves," cried the third, rumpling his hair.

"I'm to have the chestnut leaves," cried the fourth, spinning round like a top.

"I'll have a suit with buttons on," said the fifth.

And all my children dresses new," he chanted.

"And I'll have carpets for my floors," sang the second.

"And I will have a coat, and hat," sang the third.

For boots and shoes I'll use the leaves," sang the third.

My wife shall have a Sunday dress,
And I shall have a new
smock."
sang the fourth.

"What I will do, I shall not tell
But little leaves I'll use as well," sang the fifth.

Round and round in the moonlight they spun the five little merry men, dancing and hopping, and singing and skipping and singing, until the birds looked out of their nests to see what all the excitement was about. Then along came Mr. Owl, the night watchman in the woods.

"Too much noise here," he cried, waving his lantern.

At this the little elves stuck out their tongue, and scampered into the shadows.

And when you see the leaves dancing along the streets and roads, you know that the little merry men are skipping close behind.

INDIGESTION AND CONSTIPATION
Quickly Relieved By "Fruit-a-tives"

ROCHON, P.Q.

"I suffered for many years with *terrible Indigestion and Constipation.* A neighbor advised me to try *"Fruit-a-tives"*. I did so and to the surprise of my doctor, I began to improve and he advised me to go on with *"Fruit-a-tives"*.

I consider that I owe my life to "Fruit-a-tives" and I want to say to those who suffer from Indigestion, Constipation or Headaches — try "Fruit-a-tives" and you will get well".

CORINE GAUDREAU

50c a box, 6 for $2.50, trial size 25c. All dealers or sent postpaid by Fruit-a-tives Limited.

Financial Wisdom.

"I can't raise $50—that's all there is to that." I got a notice from my bank this morning that I had overdrawn."

"Well, try some other bank. They can't all be overdrawn."

IN TEN YEARS
500 Dollars
If invested at 3% will amount to $697
If invested at 4%, interest compounded quarterly, will amount to $744
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Write for Booklet.
The Great West Permanent Loan Company.
Toronto Office 20 King St. West

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SIZES to suit your openings. Fitted with glass. Satisfactory delivery guaranteed. Write for Price List. Cut down your bills, insure winter comfort.
The HALLIDAY COMPANY, Limited
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Cook's Cotton Root Compound
The only safe effectual monthly medicine on which women can depend. Sold in two degrees of strength—No. 1, for ordinary cases, $1 per box; No. 2, 10 degrees stronger for special cases, $3 per box. Sold by all druggists. Ask for Cook's Cotton Root Compound; take no substitute.
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SPOHN'S DISTEMPER COMPOUND
COLDS
You can prevent them through your entire stock when you hear the first cough or sneeze of a cold. SPOHN'S DISTEMPER COMPOUND is safe to use on any colt. It is worth its weight in gold when colds appear. At all druggists, dealers or direct. SPOHN MEDICAL CO., Mfrs., Goshen, Ind., U. S. A.

DISTEMPER
This loathsome disease from running through your entire stock and cure all the colts suffering with it by its treatment. No matter how young or how many horses at any age are "exposed." All druggists, dealers in horse goods houses and the manufacturers.