



# FARM NEWS

## Nitro-Cultures Help to Establish Legumes

Leguminous crops, such as alfalfa, clover, peas, beans, vetches, etc. have long been known, under certain conditions, to leave the land on which they were grown in a richer condition than it was in before the crop. The necessary conditions are, in addition to the soil being in good tilth, and well drained, that there should be in the soil certain species of bacteria known as Legume Bacteria. These legume bacteria penetrate the young roots of the legumes where they produce little swellings or nodules, singly or in bunches. On clovers these nodules are very small but numerous, while on peas and beans they are comparatively large and few in number. The bacteria in these nodules fix the free nitrogen of the atmosphere so that the plant can use it as food. Without the aid of the bacteria the plants cannot do this and no plant other than the legumes can do it, even with the bacteria in the soil.

On old soils, or where clovers or other legumes are successfully grown in crop rotation, the bacteria are usually present. In new soils, however, or when new legume crops, as alfalfa, are grown in old soil, the appropriate bacteria are apt not to be present and in such cases some method of inoculation should be adopted to supply the bacteria. Numerous experiments and prolonged experience have shown that the best way to do this is to inoculate the seed with necessary bacteria.

For such seed inoculation, artificially grown cultures of the bacteria, originally secured from the nodules on the roots of the same species of plant which is to be sown are applied to the seed shortly before it is sown. By this method the bacteria are carried into the soil with the seed, and in ample numbers to practically insure infection of the roots, with consequent increased growth of the crop. As a service to Halton farmers, the Halton branch of the Ontario Department of Agriculture, carries a supply of legume cultures. Such cultures are available at cost, namely 25c each. Each culture contains sufficient bacteria to inoculate one bushel.

## Two Dairy Herd Improvement Associations to Commence Operations May 1st

Fifty-one Halton dairymen have enrolled as members under the Dairy Herd Improvement Policy recently announced by the Ontario Department of Agriculture. W. P. Watson, Ontario Live Stock Commissioner, was recently in Milton when he interviewed a number of applicants for the position of supervisor. Two such groups will be organized and it is expected that operations will commence on May 1st. The two successful applicants will take a special course at the Ontario Agricultural College in Oshawa, the last week in April. While only two groups are being set up this spring, it is expected that additional groups will be organized later in the year.

## Halton Juniors to Participate in Square Dancing Festival

"Choose your partner and promenade" is the call that will get the Central Ontario Rural Square Dancing Festival under way in Toronto at Varsity Arena on Saturday, April 23rd, at 8:00 p.m.

For the past few months, the young people from the Junior Farmer groups of Ontario, York, Peel, Halton, and Haldimand counties have been answering the call of one of our most popular forms of recreation — square dancing. To the command of "Allemande left" they have been taking part in a square dancing program instituted by the Community Programs Branch of the Department of Education, with the co-operation of the Agricultural Representatives of the Department of Agriculture. In addition to recreational value, this

program has provided leadership training to these young people.

As a fitting climax to this program, a committee of participants met and planned the festival. The program will include squares, cotillions, minuets and many other dances which are a true expression of our rural living. Arrangements have been made to accommodate spectators and they will be invited to participate in the final dances of the program.

*Timely Travel Tips!*



Next time you feel the urge to go places, see your local bus agent. He can tell you all about fares, stop-over arrangements, time tables and other details that will help you to enjoy your trip. He is a member of your community and will be glad to serve you.

## FARES ARE LOW

CHICAGO - \$19.10  
LOS ANGELES - \$85.05  
MONTREAL - 15.25  
WINNIPEG - 43.40

ROUND TRIP  
(Subject to Change)

TICKETS AND INFORMATION

HAROLD WILES

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## The Sunday School Lesson

SUNDAY, APRIL 24

### THE DISCIPLES OF DISCIPLESHIP

Golden Text—"Whoever does not bear his own cross and come after me, cannot be my disciple." Luke 14: 27.

Lesson Text—Luke 12: 16-21; 14: 27-33.

Exposition—I. Wise in the Eyes of Men. 12: 16-19.

The rich man of this parable came honestly by his wealth (v. 16). He owed his prosperity to God, but had no sense of the fact. His rapidly increasing wealth brought him anxiety and care. It is always where to put his fruits. There were already excellent places to put them, on the tables of the poor, and these would have proven eternal storehouses (ch 3: 11, 14; 14: 13, 14, 16, 9, 18, 22), but he was too blind to see them. The intense selfishness of the man appears in the frequency of the pronoun of the first person, "my fruits," "my barns my corn, my goods, my soul."

After all, these things were not really his. But men regard the products of their fields as being their own. God soon brought this man to see that those things were not his own, and He will bring all men to see that some day. The rich man's way out of his difficulty seemed shrewd and wise, but there was one serious defect in his plans, he left God out of his calculations. That is a common mistake with the worldly (Jas 4: 13-15). He could have saved himself all the trouble of building his new barns if he had been wise enough to bestow his surplus good in the empty barns of others.

Having built his barns and bestowed his goods he would take his ease. He had had no ease in the accumulation of his wealth and he was not destined to have any in the enjoyment of it. The rich man is the one man who never does take his ease. The only place where real ease can be found is neither in the accumulation nor enjoyment of wealth, but in Jesus Christ (Matt. 11: 28). The rich man neither addressed God nor his fellow man only his shrivelled self, "my soul." He told his soul that it had "much goods laid up for many years." That was a great mistake. His soul had absolutely nothing laid up, only his body, and that not for many years, but a few short hours. The place to lay up goods for many years is not new barns, but heaven (Matt 6: 19, 21). They are laid up there by giving them away (Mk. 10: 21).

II. A Fool in the Sight of God. 21: 21. Up to this point the man had done all the talking, now God speaks. He does not say much, but the little He says upsets all the man's plans. The man had said "many years," but God says, "this night." So wide are man's calculations from God's God called the man a "fool." He called him so because that is what he was. So is every one that "layeth up treasure for himself and is not rich toward God." Fools of that kind abound. "The man had said 'my soul,'" God said, "thy soul is required back of thee." When God demanded his soul back, the poor wretch had nothing left. God puts a hard question to him, "the things which thou hast prepared, whose shall they be?"

This is a question which all men must face. We are but stewards. What kind are we? God has many faithful ones who employ life, talent and wealth to advance His cause in the world. But many evils hinder that cause directly or indirectly. Think what an impediment in the way of God is the brewing industry whose deceptive products lead multitudes into drunkards' graves, break up homes, blast good careers, spread ruin and misery wherever they are found. What good will the wealth accumulated out of so much misery do to the souls of these selfish brewers, distillers, vendors of death? They cannot take it with them and it will not help them when they stand naked in their guilt before the judgment of Almighty God.

III. The Test of the Cross. Luke 14: 27-33.

The highest principle in love is sacrifice for others. This is the example of Jesus (Jno. 3: 16; Rom. 5: 7, 8). One who had left heaven with all its glory, in order to suffer the penalty of our sins in suffering and death (Phil. 2: 5-8) has the right to lay down such a challenge

as v. 27. Such love as Jesus revealed inspires like response. His love for His redeemed ones is complete and eternal (Jno. 13: 1). There is no equivocation in His love for us. He expects none in ours. The principle of love is to govern all our relationships to Him. Once this is done we shall have the right idea in our relationships to Him—Once this is done we shall have the right idea in our relationship to others. We shall never deliberately do harm to any for whom Christ died.

The parables of the tower and of the king going to war are invitations to measure the cost and then to meet it. A builder estimates be-

fore he builds. A warring king studies the battle before it is engaged. So a Christian faces up to the demands of Christ's redeeming love. Great as they are, he will go all out for Christ, in spite of the cost. Paul counted the cost of faithful discipleship (Phil. 3: 7, 8). He was great in his carnal and natural right but he cast it all aside to serve Christ because it hindered him. Thus it will be with us, if we really love Jesus. Whatever hinders our usefulness to Christ in His redemptive missions we shall be willing to lay aside. If we are not willing to do this, we cannot be His disciples; we cannot be learners of Christ without sacrificial love.

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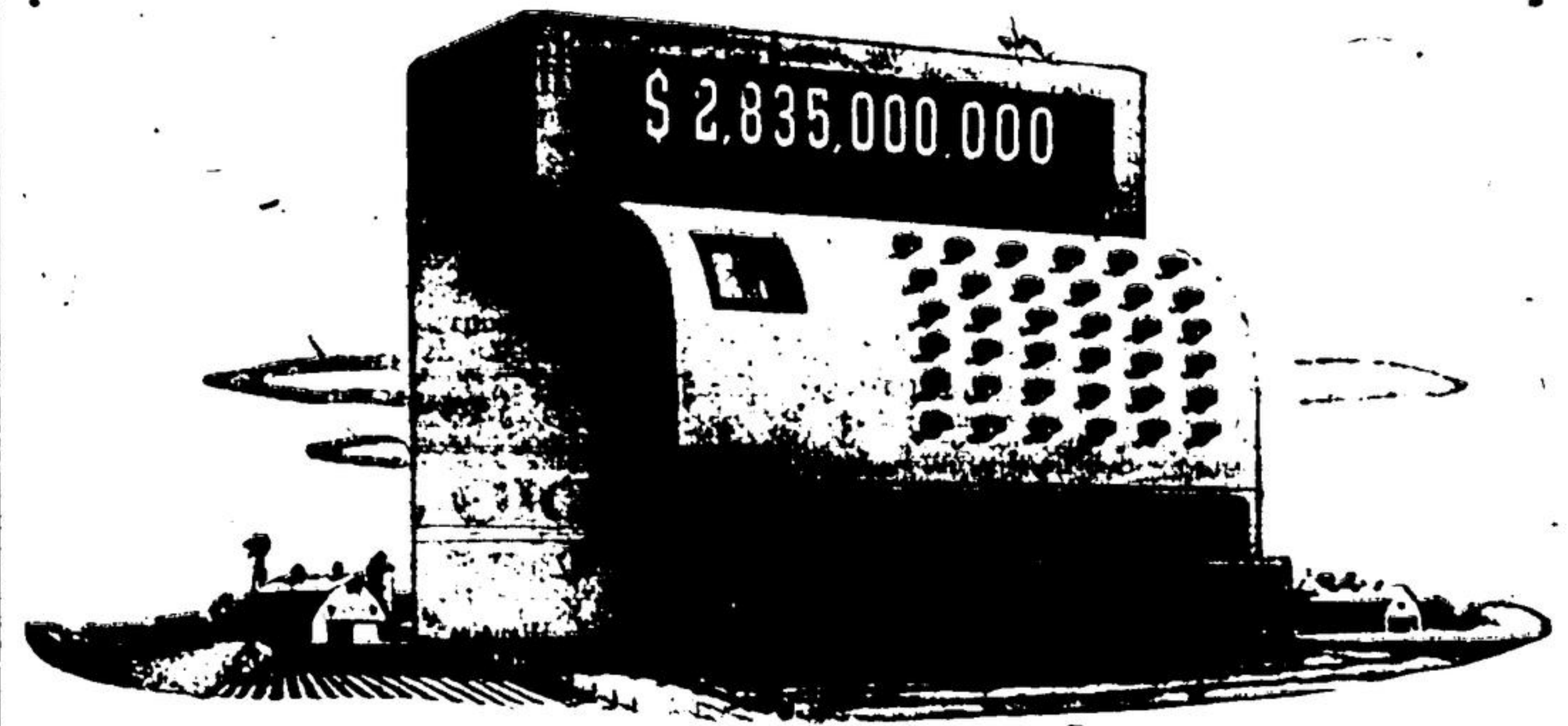
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## HOW MUCH OF THIS MONEY WENT INTO YOUR POCKET?

That's a lot of money! It represents the gross income from farm products in Canada for 1948. It represents the earnings of Canada's biggest primary industry.

Is the share of this huge sum of money which came off your farm as much as it might be? In other words, is your farm producing to the full extent of its possibilities? Could it be made to produce more?

You can answer these questions for yourself best if you are in a position to know exactly how much you spend and how much you receive in each of your farm operations.

You can know these facts only if you have some reliable way of keeping track of your receipts and

expenses. We don't mean anything complicated... just the opposite — something quite simple, such as our Farm Account Book.

A few minutes at this book every day or so and you will know just which operations of your farm are doing well, which only fair, which are falling behind. Then you can take the necessary steps to correct matters.

A copy of this book is yours for the asking. Call at our local office for a copy. While you are in, have a word with our manager. He will be glad to see you and to discuss any problems you may have in the operation of your farm.

### DO YOU NEED READY MONEY FOR SEED AND FERTILIZER THIS SPRING?

Drop in and talk over your financial requirements with your local B of M manager.

That's what thousands of go-ahead farmers do every year. It's a routine part of their farm financing, a tide-over arrangement till the proceeds from sales come in after the harvest.

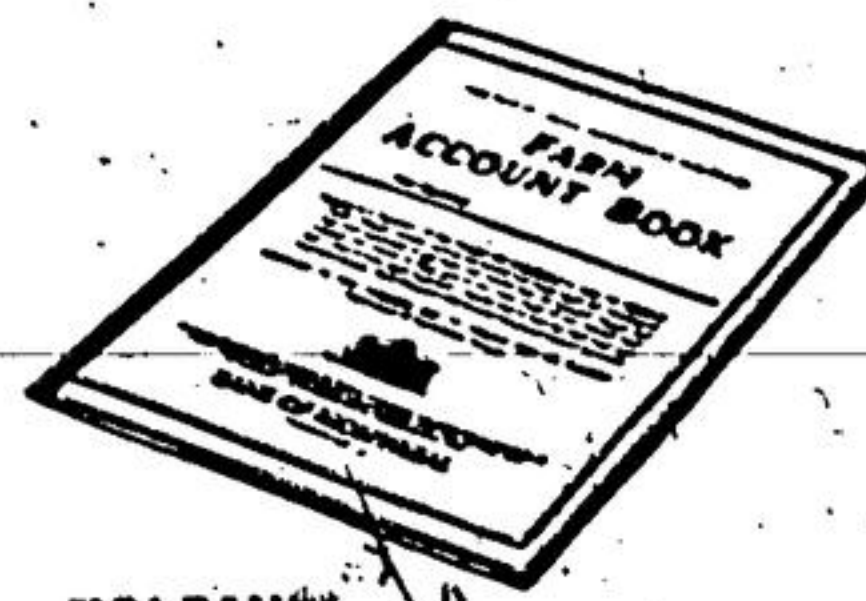
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