

Farm Queries

Address All Letters to Farm Editor, 73 Adelaide St. West, Toronto. All Answers Will Appear in this Column. If Personal Reply is Desired, Enclose Stamped and Addressed Envelope.

B. F.—We are planning to grow a small acreage of sugar beets this coming year, and as it will be our first experience along this line, can you advise us as to what analysis of fertilizer to use? Which is the best soil for sugar beets? We have one field heavy ground with clay subsoil, the other is blackish ground with gravelly bottom.

Answer.—Sugar beets do not do well on exceedingly heavy ground. For this reason I would advise you to put your beets on the blackish ground with gravelly bottom, provided, of course, that it is not too open and subject to drying out early in the growing season. Moreover, the sugar beet develops very largely below the level of the soil. This requires that the soil be deeply worked and of a sufficiently open texture that the beet can develop its full growth. Sugar beets send their roots more deeply into the soil than is generally thought, another reason for the more open soil.

As to fertilizer for sugar beets, for the past four years the Department of Chemistry, Ontario Agricultural College, has been carrying on cooperative tests with several sugar beet growers. Each year a number of fertilizers have been tested. The choice of fertilizers seems to lie between 2-12-6 and 2-16-6. For your type of soil I believe 300 lbs. per acre of 2-16-6 would give excellent results.

A. T.—I am plowing a low, heavy field of sod, six years old. What would you advise sowing on it for sheep pasture? Is the spring or the fall the best time to apply fertilizers?

Answer.—The success of your sheep pasture will depend to quite an extent on the drainage that you have in this field. In any event, the soil should be thoroughly worked in the spring, and if you are planning on sowing a mixture for sheep feed for next summer, the probability is that you may be able to work this land fairly well along in spring so as to kill any weeds that may be in it. The Department of Field Husbandry, O.A.C., recommends for annual sheep pasture, Dwarf Essex Rape, which may be sown in rows or broadcast. If sown in rows, use about 1½ lbs. per acre for rows 18 to 20 inches apart. If sown broadcast, use about 4 to 4½ lbs. of seed per acre. This will come along quickly and make good sheep pasture.

For cultivated crops, as a general rule, fertilizers are applied in spring. There is some argument for applying the phosphate and potash in the fall, although a double application would increase the cost of operation. Moreover, if your soil is at all acid in reaction the phosphate which is applied in the fertilizer in the fall would have an opportunity to become locked up in unavailable combinations with the iron and aluminum of the soil. If a fertilizer carrying nitrogen is applied in the fall there is danger of the nitrogen being lost by leaching. We have known instances where alfalfa is top-dressed with fertilizers to advantage in the fall, although, comparing results with those obtained from spring application, there is no argument in favor of the fall application.

J. D.—I have a few patches of sow thistle starting on my farm. Will you kindly let me know the best way to kill them? Will salt kill them? If so, what is the best way to put it on?

Answer.—It is questionable if anything can be done at this time of year to effectively kill sow thistles. It has been claimed that certain salt materials can be applied to advantage on sow thistle patches, but the great difficulty is that anything that will kill sow thistles will kill all other crops that grow on the soil, for some time. In tests conducted in Perth county during the past three years, most effective treatment of sow thistles was obtained by midsummer plowing, letting the land lie in ridges till it was nearly dried, then disking again in September. In the spring, sow a mixed grain after again thoroughly working the soil and seed with alfalfa or clover mixture. In order to give the grain a vigorous start and to insure a healthy stand of legumes, apply about 250 to 375 lbs. of fertilizer per acre. On medium loam soil, 2-12-6 has been found effective. With this aid the grain makes such a vigorous start that it successfully competes with the

sow thistle. The alfalfa or legume mixture comes along equally vigorously and to a large extent chokes out the weed. Weed counts show a material reduction for at least two years in the section handled in this way. In later studies of the field treated we have suggested, there is indication that as the fertility becomes exhausted, the sow thistle comes in, which fact again confirms the logic of the above suggestions.

B. S.—Have 8 acres of light sandy soil that has not been plowed for years. I would like to put beans in it next spring. What is your advice as to preparing it? I would like to fertilize it. Can you tell me the kind to use, also the best way to apply it and the amount?

Answer.—Plow the soil as early as it will work in spring. Work it down thoroughly by disking and harrowing. You had better have the soil tested for acidity. This your Agricultural Representative can do if you take a sample to him or you can do it yourself with the Reacto Soil Test put out by the Department of Chemistry. Beans do best on a soil of medium sweetness. On a similar soil to that which you describe, best yields were obtained where a half-ton limestone was applied per acre as early as the soil would work in spring. At the time the beans were planted they were fertilized with 4-12-6 fertilizer at the rate of 250 lbs. per acre. This fertilizer was applied through the dropper of a combined grain and fertilizer drill with all tubes running.

Autumn
Now let the rain sweep over hill and lane,
And fill the lake. Now let the seeds of spring
Fall from flower and tree. This is such a rain
As wakens whitecaps; wooks the trees to sing,
Makes the sad leaves remember bygone sun
And sap of youth; washes them once more green
As at their birth that they forget the dun
Days coming and their death, and what winters mean.
I have been happy. Let the wild rain rip
Rocks from the hillside and uproot old trees;
And after rain let winter's fingers grip
The whitecaps and the fallen leaves and freeze
To-morrow's sudden brook. But you will know
What seed survives the cold, what fruit shall grow.
—David P. Berenbergs, in New York Sun.

SERVICE
Not gain, but service, is the true object in life. If gain is made the object in one's life, one must inevitably fail, for the simple reason that the best things of life are not to be gained by striving for them; they are of a texture that cannot be grasped. One may strive for bread and win it, but one may strain every nerve to breaking in the pursuit of happiness, and he will never overtake it. On the other hand, if service is made the object in one's life, that life cannot be a failure, for the reason that on has chosen the only path above which the windows of heaven are always open. The happiness that eludes the grasp of every man who strives for it descends, like the gentle dew of heaven, upon him who is striving in service. He also gains what he strives for, and more.

Adventure
By Wilfred J. Funk, in Light Lines and Dears.
You take a home in a valley
With the hush of an inland rain
And the South-wind, and a rose-sweet Vine for an anchor chain.
But I'll take the roaring typhoon
On the road to Nih-ha-fu,
With a drunken star to steer me,
And a leathery, deep-lunged crew.
(But I'll take mine in the movies,
If it's all the same to you!)

Los Angeles Housewives Remembered



A post-box on a Los Angeles golf course gently reminds the absent-minded husband to mail those letters handed to him by his wife several hours earlier. A noble thought we'd say!

A Popular Number

By HELEN WILLIAMS.

Illustrated Dressmaking Lesson Furnished With Every Pattern.



A new guimpe dress that will give your wardrobe dash and chic for fall and winter.

And if fashioned of rhum-brown woolen with the guimpe of orange-red sheer woolen spotted in brown, it will prove doubly chic.

You can make it at an amazingly small cost!
Style No. 2871 is designed for sizes 11, 13, 15 and 17 years. Size 13 requires 2½ yards of 39-inch material for suspender skirt with 2 yards of 35-inch material for blouse.

Another fascinating scheme is hyacinth blue linen with guimpe polka-dotted in blue.
Tweeds, wool crepes and novelty rayons are also smart.

HOW TO ORDER PATTERNS.
Write your name and address plainly, giving number and size of such patterns as you want. Enclose 15c in stamps or coin (coin preferred); wrap it carefully for each number, and address your order to Wilson Pattern Service, 73 West Adelaide St., Toronto.

Sunday School Lesson

November 27. Lesson IX—Stewardship of Life—Mark 1: 16-20; Acts 26: 12-19. Golden Text—First gave their own selves to the Lord.—2 Corinthians 8: 5.

ANALYSIS.

I. MY BEST TO THE HIGHEST, Mark 1: 16-20.

II. OBEYING THE VISION, Acts 26: 12-19.

INTRODUCTION.—To be generous with one's money is not all of Christian stewardship. Not of our money, but of all of our being was it said, "Ye are not your own, ye are bought with a price." The question is not merely, "What shall I do with my money?" but "What shall I do with my life?" The answer to it will be in terms as varied as men are different.

I. MY BEST TO THE HIGHEST, Mark 1: 16-20.

Jesus' plan was to go from place to place preaching, teaching, living the gospel of the new kingdom. He needed companionship. He must inspire others with his own ideals, enthusiasm, plans. He must train them to carry on the work when he was gone. On the shores of the Lake of Galilee he found four men, two pairs of brothers, vs. 17, 19. They probably knew Jesus before. John's Gospel tells how two of them met him at Jordan. As fishermen, they would possess certain qualities of body and mind which would make them effective as religious leaders. They would have great powers of endurance, patience, promptness (the net must be thrown immediately the fish were running bravely. Living close to Nature in all her varied moods would develop a capacity for the spiritual.

Jesus said, "Follow me, and I will make you to become fishers of men." What "fishers of men" meant, they would not clearly understand then, but the phrase would appeal to them. Whatever this new life which Jesus offered would involve, it would, in some way, be similar to the old. They were to learn later—what we all learn when we put it to the trial—that those qualities which a man develops as he faithfully does the task in hand, will make him more effective in whatever work his master gives him to do. The way to get a better job is to put our best into the one we have now.

"Straightway they forsook their nets and followed him," v. 18. "Following Jesus" means, first of all, making up their minds to do so. They decided—and then acted. To follow Jesus meant, for them, to leave their work and their homes. Their work gave them a livelihood precarious enough, but it was all they had, and they could not afford to lose it. To Western minds the sudden cutting away from work and home seems



A Tip For Lost Hunters

Hunters lost and uncertain of the compass directions may fix North with their watch thus: Place it flat on the hand, stand a match upright over the end of the minute hand and turn the watch until the match shadow falls along the centre of the watch and midway between the end of the hour hand and 12 o'clock runs North and South; North lying on the side on which the hour hand is farthest from 12. Even on cloudy days the watch will show a faint shadow. This is a Boy Scout stunt, and one that every Lone Scout should learn and remember for use in an emergency.

16-Mile Night Hike to Church
A party of nearly 90 Winnipeg Rover Scouts hiked sixteen miles between midnight and morning to attend a sunrise Rovers' Own, or church service, at the little first settlers' church at St. Andrew's. We certainly hope that all Lonies are as keen to "do their duty to God" as were these Rovers.

Silver Wolf For Dutch Scout
The Silver Wolf, Scouting's highest honorary decoration was presented by Lord Baden-Powell to Admiral Ramonnet, Chief Scout of the "Nederlandsche Padvinders," the Boy Scouts of Holland.

Do you know what the "Silver Wolf" is? It is a Scouting Decoration awarded at the discretion of the Chief Scout for exceptionally valuable work on behalf of the Movement. It actually is a small silver model of a wolf, which is suspended around the neck by a green and yellow ribbon, and it is much prized by the few people who have been decorated with it as it is the highest honour that The Boy Scouts Association can bestow.

Memorial to Malta's Chief Scout
The Congreve Memorial Hall and Archway in memory of General Sir Walter Congreve, V.C., K.C.B., a former Governor and Chief Scout of Malta, was recently opened by Sir David Campbell, Governor-General and present Chief Scout. The hall is to be used as headquarters of the Malta Scouts.

British Railroad Scout Societies
A Scout Society has been formed by Scout members of the Great Western Railway staff at Paddington, London. Other important divisional points such as Swindon, Bristol, Newport, Birmingham and Swansea are organizing similar societies.

Former Enemy Sons Meet As Friends
Among the 3,000 Boy Scouts at the Dutch National Scout Jamboree held this summer near The Hague were boys from England, Scotland, Belgium, France, Germany, Denmark, Norway and Hungary.

Young Spanish Life Savers
That Spanish Boy Scouts are not behind those of other lands in life sav-

ing skill and courage was shown this summer at a Spanish bathing resort where two young women were swept several hundred yards from shore by a strong tide. Two 14-year-old Scouts went to their aid, and after a long struggle got them near shore, where other Scouts helped. One young woman recovered; the Scouts persisted four hours in a fruitless effort to revive the other. No effort was made by onlookers to assist in the rescue.

Where the Modern Boy Finds Adventure
Rescuing a man from a ledge half way down a 400-foot cliff; fighting 1-7 fires on farms; searching for a child lost on the moors; rescuing a valuable horse that had fallen on its back in a narrow ditch—these 1932 camp good turns remind that English Boy Scouts are not far behind their Canadian brothers in finding adventures in Scouting.

Discussing "Waste Forces of Human Nature" in the "London Observer," Prof. L. P. Jacks credits Baden-Powell with making through Scouting "one of the greatest discoveries of modern times in the field of utilizing human forces otherwise wasted," i.e., converting the play hunger and love of adventure of the boy into self-control, courage, loyalty and readiness to accept responsibility.

Scouting Popular in Persia
There are 5,000 Boy Scouts in Persia, and their number is growing rapidly under the enthusiastic leadership of the Persian Crown Prince. Scout troops have been organized at the English, American and Armenian missionary schools.

The latest country to be added to the list of "Boy Scout Countries" is the Azores Islands, in mid-Atlantic, on the coast of Spain. This place is the scene of the famous fight between Sir Richard Grenville on board the "Revenge" in the days of Queen Elizabeth, when he defeated a whole Spanish fleet with his one little ship.

In spite of the "Depression" Scouting continues to grow steadily all over the world, and there are over two million active Scouts at the present time, and another two million ex-Scouts who have grown into useful manhood.

Have you ever considered that it only costs you Fifty Cents a Year to be enrolled as a Lone Scout, and to have all the privileges of Scouting brought to you?
It is not necessary to spend a lot of money on uniforms and equipment if you do not desire to do so, although, of course, we always like to see Scouts in uniform.

too often orthodox and respectability, the characteristic qualities of the Pharisees. These men gave the best they had to the highest they knew, Jesus.

II. OBEYING THE VISION, Acts 26: 12-19.
No two people are altogether similar. Therefore their religious experiences will be different. The call that changed their lives for the Galilean fishermen had in it nothing spectacular. They went, away with Jesus of Nazareth, who appealed to them greatly. It was afterward that they came to know him as the Christ of God.

Paul, on the other hand, had an overwhelming revelation of the once crucified Jesus as the new triumphant Christ. He had been definitely resisting God's will, and the disturbing voice of his own better nature, v. 13. But he was performing thoroughly the task which he believed was his duty. God called him to a double ministry (v. 16) to be a minister of the word, a humbler office than that of deacon; a witness—by which he was raised to the level of the apostles.

USEFULNESS
A school in which the ability of being useful is imparted, the spirit of independence learnt, and the habit of persevering effort acquired.—S. Smiles.

THOUGHTS
Mankind has been writing books so long that an author may be excused for offering no thoughts absolutely new; we must select and call that invention. A writer at the present day has hardly any other resource than to take the thoughts of others, and cast them into new forms of association and contrast. A good thought is often far better expressed at second hand than at the first utterance. If a rich material has fallen into incompetent hands it would be the height of injustice to debar a more skillful artisan from taking possession of it and working it up. Commend me to a good pilferer; you may laugh at it, as a paradox, but I assure you the most original writers are the greatest thieves.—Byron.

TRUST
Be happy, peaceful and satisfied, just as you stand having sufficient steadfastness and independence to hold your own against all eddies and rapids about you. Apply practically that which you perceive spontaneously. Accept your position as it is, and make the very best of it till it passes. Work with it, knowing that God is guiding you and so cease all anxious thought, and rest.

GENIUS
Whether I be the grandest genius on earth in a single thing, and that single thing earthly, or the poor peasant who, behind his plough, whistles for want of thought, I strongly suspect it will be one when I pass to the Competitive Examination yonder! On the other side of the grave a Raphael's occupation may be gone as well as a gloughman's.—Bulwer Lytton.

Never discourage if too indifferent to help.

For Stamp Collectors



10,000 just, 24,500 one-cent stamps to "ship" Gloria Stuart from Hollywood to Newark the other day. What a prize packet for philatelists!

Sense in Saving

By Neville Chamberlain, British Chancellor.

There is a controversy on saving as opposed to spending—whether in these days it is wise or right to save. We had better disregard theory and come back again to our own common sense to decide what is right. It must be clear that there is a distinction between the duty of public bodies and private individuals. Public expenditure, whether local or national, has to be found out of rates and taxes. The more that is taken out of rates and taxes the less there is for the private individual to spend.

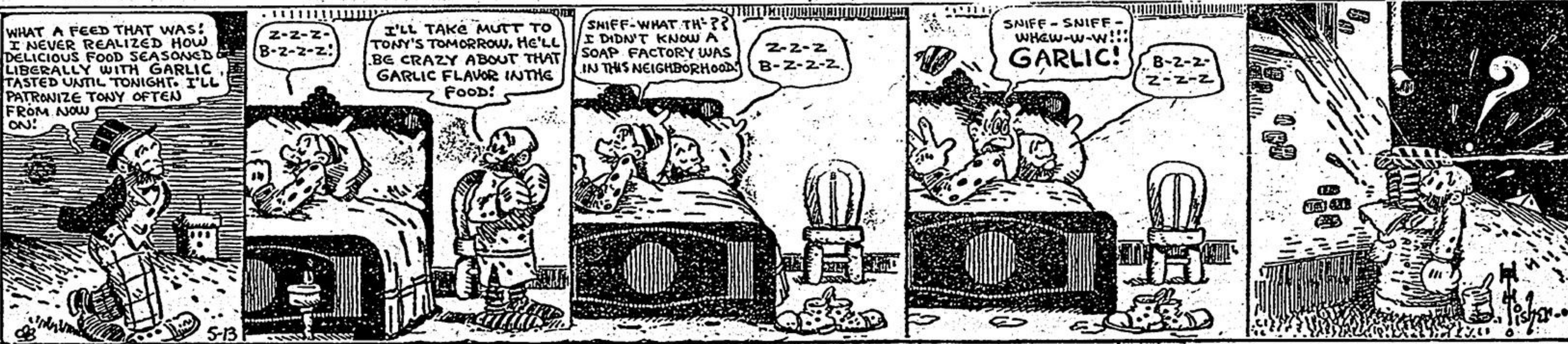
With private individuals it is not so easy to lay down a general rule. To abstain from spending what a man ought to spend if he could afford it appears a mistaken form of economy. It appears equally wrong to lay it down that a man should use up his savings and spent to the last limit of what he can earn. Every person who can afford to spare anything from his income should lay up some reserve for himself and his family against times which may be even more trying than those of today.

Therefore, if I may sum up my advice to the private individual I would say: Use your own common sense and apply it to your own individual circumstances; do not abstain from spending if you can afford to spend under the mistaken idea that you are performing a public service by keeping your money lying idle in the bank. On the other hand, do not feel any qualms of conscience or feel you are doing wrong if you put a little by aside even today, for it may be in the way you are helping to preserve the stability of the country.

THOUGHTS

Usefulness
Thoughts
Trust

MUTT AND JEFF— By BUD FISHER



Distance Lends Relief.

Never discourage if too indifferent to help.