in Hood. rhaps have visitbar Doncaster, of pantomime. have been bled

have seen the g to tradition, rled. s, of course, from the near salized that he propie, bow-Say an arrow been shot so vertheless, the properly set-

nun, and near

epitaph formuntington, a good, Robin Hood."

mime hero fa chaps his tale fact as any was named it was whilst ster that he of the ship's o captain put of Juan Fer-

onst, and left he remained resumed by a ught back to other pantoof truth bein Boston a cen. In time a man with

any children. now what to and the welled to have ry VIII. At t wished to

me property or, the roads s. the deeds which was But, desver reached mow, Jack

(the title

g and L' " it is interestate to s were said W a family tely, howand that

ple ns des-

hat are we

a the charone comes ly at their or other mportance character.

ware of a ers of the us a man

mperament h of an upte cruelty; ull an outonscience; and thin, lips clear mally mor-

the should tin, but or th a slight torners to d this upple deeply a quick y but not

brushed got their vas given those ogedian ap-

ket for &

ence: "If the could

one re e more

entirely fanciful,

Farm Crop CONDUCTED BY PROF. 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 men-

tion 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.

Copyright by Wilson Publishing Co., Limited E. F.:-Please tell me what to do 8 to 10 per cent. phosphoric acid and

to keep bugs out of my seed beans 4 per cent. potash at the rate of 400 and yet not destroy the germination pounds per acre. This can be best they have become highly profitable as Answer:-To destroy the insects on the grain drill but it can be done which injure beans in storage, place by hand. Give the field one more harthe beans in a close bin or in a barrel rowing then sow the alfalfa with a the Province of Ontario in 1920 was ly cause. Warts that have slim necks

earbon bisulphide in the dish, then cover the top of the barrels or close the door of the bin so as to keep the place as nearly air-tight as possible.

The carbon bisulphide evaporates quickly and has a very penetrating, uppleasant odor. It is very inflammable, hence do not have a fire of any of buckhorn. sort about when you are treating the

fertilizing value, if any, of fresh cow manure and clover chaff on a garden of a hoe or similar implement. spot, or for a potato and strawberry

carries 12 pounds nitrogen, 3 pounds sorted to in order to clear the land. phosphoric acid and 9 pounds of potash, while a ton of clover chaff carries 34 pounds of nitrogen, 15 pounds phosphoric acid and 10 pounds of potash. From this you will be able to estimate the value of the material that you have suggested.

Methods of Destroying the

It has been estimated that the an-

nual loss in the United States due to

rats is equal to at least \$20,000,000.

This estimate was made by Mr. E. W. nearly all fresh, and out of the seven, of the United States Department of five of them hold their milk until they Agriculture, who also states that the are very disagreeable to milk. Have labor of 20,000 men is required annu-

Answer: Speaking generally, po- Methods of destroying rats are out- L. Testing The Servants, 11-15. tatoes are not considered good stock lined in Crop Protection Leaflet No. V. 11, 12. Nigh to Jerusalem. As feed, that is, if fed in too large quan- 7 of the Entomological Branch of the Jesus passed on to the city of Jerutities. In a German experiment re- Department of Agriculture at Ottawa. sarem, the multitude would ported in 1907 the writer found that Copies of this leaflet may be obtained kindle enthusiasm. He knew that as cows should not receive more than 33 free on request to the Publications soon as they came in sight of Jerupounds per head of cooked potatoes, Branch, Department of Agriculture, salem, the multitude would become

that potatoes at 15c per bushel are traps may be baited with meat, out- thought. A certain nobleman went more costly than corn ensilage. If meal, cooked eggs, or fruit. The wire into a far country. The setting of the oats are fed to calves the oats should cage traps are also excellent when parable seems to be historical. Archebe ground so as to aid in their di- rats are abundant. Poisoning has to Rome at his father's death and beg-

Sudan grass is any good for hog pas- plying this method. Barium carbon- a cruel prince, and the Jews sent rep-ture; also how many March and April ate is a cheap, tasteless, and odorless resentatives to Rome to oppose his est up what thou layest not down. You branch. Interest begins to lag; we do Home and Country" now enlarges its average conditions.

Pasturage can be very much better may be placed in the runways of the against his claims. This historical supplied in Ontario in the form of animals. Strychnine in the form of reference would strike a chord of inpasture. Fifther of these mixtures his sulphate in a pint of boiling water. represented a sum that a working produce pasture much richer in hog- To this add a pint of thick syrup and man of that time could earn in about money. Mine own with usury. Usury constituents than Sudan mix thoroughly. Oatmeal should be three months. In the parable of the means legitimate interest, although fourths bran.

many times we have to sow ryo and dealt with in the leaflet. vetch on a piece of land to fit it for alfalfa. Have sown it three times.

vetch on a piece of land helps to work apologies to Dr. Coue. it down in shape for alfalfa such a would advise you to plow it medium the right time. deep as soon as the frost is out of the

of the furrows at the rate of % to a living on the produce of it, and left wicked man, whose going away and minister, and to give his life a ranton per acre; also apply well rotted me one year with 150 silver dollars, coming again was not like the going som for many," (Matt. 20: 28), "He stable manure at the rate of four or for I never spent more than 10 dollars the truth that Jesus seeks to convey. Work the ground a year, which was for salt pails and the truth that Jesus seeks to convey. Your servant," (Matt. 23: 11), and "I five tons per acre. Work the ground a year, which was for salt, nails, and If the kingdom of heaven is not, as am in the midst of you as he that is safe to say that you would kick if down fine by several discings and har- the like. Nothing to eat, drink, or the multitude expect, to be set up im- serveth," all bear testimony to the your wife cleaned house as infrequentrowings, then apply a fertilizer carry- wear was bought, as my farm provid- mediately, and if Jesus is to go from central place which service held in ly as you have the coop. ing at least 8 to 4 per cent. nitrogen, ed all."

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cows but when their production is compared with that of many other improvement becomes abundantly evicows in Canada at 4,000 pounds of milk and the average production of fat at 150 pounds. Since it is known conducted by the Dairy and Cold Stor- ture, Ottawa. age Branch of the Department of Agriculture, Ottawa, herds have been brought up and up in production until applied through the fertilizer dropper well as a source of pride to their owners. The average production of al- teats is unknown, but constant irritamost a thousand cows under test in tion of the affected parts seems a likeand obtain a pint or a pound of carbon nurse crop like barley, sowing about 7.136 pounds of milk and 246 pounds may be snipped off with scissors, a bisulphide. Place a deep saucer or 1% bushels per acre and 15 to 20 lbs. of fat. One centre in that province few at a time, and tincture of iodine dish (other than metal) on the surface of the beans and pour out the by hard cover it by one more light by hand cover it by one more light of fat. Whole herds have given an time if you immerse the affected teats average of over 11,000 pounds of milk for five minutes night and morning in This should give you a good stand per cow and as high as 371 pounds of water containing all the bicarbonate fat. Individual grade cows in some of soda it will dissolve when hot. After H. S. C .: - Could you suggest some- of the high producing herds have pro- the evening immersion, dry the teats thing to kill buckthorn in a lawu? I duced 15,000 lbs. of milk each and a and apply freely a thick paste made have a beautiful lawn but it is full quarter of a ton butter fat. And even of equal quantities of salt, flowers of these records are surpassed by highly sulphur, and cold-pressed castor oil. Answer:-The only successful cure bred, well selected and well fed cows

ing the milk from time to time in order to identify and discard the poor milkers. Herd improvement includes the use of vigorous sires from high One may have a fairly good herd of producing mothers, generous feeding, and such kindness as to keep the cows comfortable under all circumstences. Pamphlet No. 24 of the Department of herds in the country, the room for Agriculture at Ottawa, brings out clearly the reasons for and benefits dent. Careful estimates have placed from cow testing carried on for a the average production of milking number of years. A chart in this pamphlet shows that the improvement made in one herd in eight years ariounted to raising the yearly average that a very large number of cows pro- production from 5,500 pounds up to duce much above this amount, the in- 12,500 pounds per cow. This pamference is that many fall below it phlet and other publications on cow and are merely an unprofitable burden testing are available at the Publicato their owners. Through cow-testing tions Branch, Department of Agricul-

for buckhorn or narrow leaf plantain that have given almost 18 tons of milk | Cleanliness, neatness, order; shift-N. B.:—Will you explain to me the is to dig up the plant with a "spud," and two thirds of a ton of butter fat lessness, untidiness, dirt; which? which is a chisel inserted in the handle in the 365 days. At a time when labor Either has its reaction.

means so much it is unfortunate for Spraying does not seem to destroy one to be working away with an aver- If we could farm forever without this plant, hence the somewhat labor- age herd which could in a few years any setbacks it wouldn't be real liv-

SMOKE

The Tobacco of Quality Valb. TINS and in packages

The Sunday School Lesson

FEBRUARY 25

C. H. R .: I am milking seven cows, Nelson, Chief of the Biological Survey The Parable of the Pounds, Luke 19: 11-48. Golden Text-He that is faithful in that which is least, is faithful also in much, Luke 15: 10.

been unable to learn either the cause, ally to provide the food destroyed by Lesson Setting-Jesus was drawing fore, is fidelity solely. One man does this enormous army of rats. The nigh to the city of Jerusalem. There as much relatively with his two tal-Answer:—About the only cause for brown rat is also a serious menace to was a great multitude with him. It ents as the other did with his five, and interest one Institute woman, and she experience.." the condition that you name is a health, spreading, it is believed, in- had been stirred by his miracles, to receives the same commendation and the wife of Canada's new Governor- A lively discussion by the members summer, and then set a new one befamilie paralysis and even bubonic great enthusiasm. Jesus saw that the dawn all is the same reward. Here the capital for the stable where they are housed?

An application of a mild finiment An application of a mild finiment and different rewards as indicating and that they were ready to hail him and different rewards as indicating and that they were ready to hail him and different rewards as indicating the Lady Byng of Vimy had been an tario and other information showing idea that white wheat stands freezing tenderness of the cow's udder. Have fantile paralysis and even bubonic great enthusiasm. Jesus saw that the the same reward. Here the capital for General, feels in the work and meth-followed this appeal, the result of side it so one chute serves for both, tion such as a warm oil of some kind and is Denmark \$1.20. The English and dispel their expectation of an V. 17. Well, thou good servant; well Board of Agriculture has applied spe- immediate kingdom, and speaks to done. Have thou authority over ten F. H.:—Are potatoes a good win- cial efforts to combat the rat pest, them the parable of our lesson. It cities. His dilligent and energetic use to make a speech. In reality I came their strength and permanency. ter feed for calves seven to eight while a Sanitary League in France shows that the immediate duty of his of a little meets with an appropriate to ask questions and learn from Onmonths old? If oats are fed should has carried on a similar vigorous cam- followers is working and waiting in reward. expectation of the Master's return.

Ottawa. For trapping, the spring or uncontrollable. Now was the time for Director Hills of Vermont claims guillotine type is recommended. These the steadying word and the tempering proved a speedy method of destruc- god that the Emperor might allow H. M .: I would like to know if tion. Great caution is needed in ap- him to succeed to the throne. He was hogs can I pasture on one acre under poison. It may be mixed in a dough claims. After a long delay, Archelaus lift what you did not deposit. That not know quite what to do next. What meaning to "and Other Countries". ogs can I pasture on one acre under poison. It may be mixed in a dough claims. After a long deal, the went is, he locked for results and returns home and rewarded those who had that were not reasonable or just.

Answer:—Sudan grass is not conflour and one part of poison, or a stiff watched his interests in his absence, Vs. 22, 23. Out of thine own mouth Answer:—Sudan grass is not con- hour and one part of possent, or a watched his interests in his assented watched his interests in his assented will I judge thee. The master will one of poison. The poisoned dough slew the leaders who had appeared find in the servant's excuse, a just This historical

grass.

An acre of the mixture suggested should carry 15 to 20 hogs 3½ to 4 months.

W. L.:—Would like to ask how the use of ferrets and weekle fidelity. Occupy till I come. Trade or reward as a law of spiritual life. do business till my return. They are Day by day in every way the farm given to understand clearly that there

Answer:—While sowing rye and is getting better and better.—With is a time of reckoning coming. Citipractice is not necessary. I would Don't be a quitter. Most all suc- tioned before consisted of fifty men, two decades. Not so much what we For a treatment, one should rub the practice is not necessary. I would be a quitter. Most all sucjudge from your description that your cessful men could have succeeded in their coming, eight thousand Roman we can give is becoming the accepted about fifteen grains of iodide of potasland is in very good shape, hence I being rank failures had they quit at Jews accompanied them to the emperland is in very good shape, hence I being rank failures had they quit at Jews accompanied them to the emperland is in very good shape, hence I being rank failures had they quit at Jews accompanied them to the emperland is in very good shape, hence I being rank failures had they quit at Jews accompanied them to the emperland is in very good shape, hence I being rank failures had they quit at Jews accompanied them to the emperland is in very good shape, hence I being rank failures had they quit at Jews accompanied them to the emperland is in very good shape, hence I being rank failures had they quit at Jews accompanied them to the emperland is in very good shape, hence I being rank failures had they quit at Jews accompanied them to the emperland is in very good shape, hence I being rank failures had they quit at Jews accompanied them to the emperland is in very good shape, hence I being rank failures had they quit at Jews accompanied them to the emperland is in very good shape, hence I being rank failures had they quit at Jews accompanied them to the emperland is in very good shape, hence I being rank failures had they quit at Jews accompanied them to the emperland is in very good shape, hence I being rank failures had they quit at Jews accompanied them to the emperland is in very good shape, hence I being rank failures had they quit at Jews accompanied them to the emperland is in very good shape, hence I being rank failures had they quit at land the emperland is in very good shape, hence I being rank failures had they quit at land the emperland is in very good shape, hence I being rank failures had they quit at land the emperlan

A farmer in 1787 wrote: "My farm commanded these servants to be call- phatic sayings as "The Son of man After plowing, scatter lime on top gave me and my whole family a good ed. The fact that this master was a came not to be ministered unto, but to food. portunity, and his coming again doing of God's will, means accountability. As there were We are "stewards of the manifold those who justly refused to have grace of God," The conduct of the

TORONTO

Note that in the parable of the Talents, while each man receives a large amount, the amount differs according to his stewardship. To-day's lesson illustrates God's readiness to show a manual commend those to differing ability. The test, therewho have been faithful.

We also make in the parable of the Talhis stewardship. To-day's lesson illustrates God's readiness to show a make in the parable of the Talhis stewardship. To-day's lesson illustrates God's readiness to show a make in the parable of the Talamount, the amount differs according proval and to warmly commend those
to differing ability. The test, therewho have been faithful.

ever. Laid up in a napkin; a safe so much from Canada which first of the land. place, but not a fruitful place.

W. L.:—Would like to ask how the use of ferrets and weasels, are to test their capacity, dilligence and more. Jesus proceeds to state this a perch to roost upon. The fowls have Application.

> zens hated him . . sent a message; ong Christian people perhaps more are wholly unable to walk. The feet sent an embassy. The embassy men- than any other idea during the last and legs become feverish and dry. V. 15. When he was returned . . in the mind of the Master. Such emhis followers, he will come again. His the teaching of Jesus. Mere profesabsence means responsibility and op- sion could never take the place of the

Archelaus reign over them, so there rich fool (Luke 12: 16-20) was conwill be those who unjustly oppose demned because there was not in all Jesus in his absence. But this only this man's thinking any idea of stewmagnifies the responsibility of his ardship; no reference to God as Giver and Owner. He said, "My fruits, my II. Rewarding the Servants, 16-26. goods, my soul, my barns." The man V. 16. Then came the first . . thy who received the one telent does not pound . . ten pounds. This servant appear to have been covetous or dishas made a good use of his pounds. honest, but simply negligent. He did He had used a little well, and his re- not realize his accountability to his

Answer:—A ton of cow manure sorted to in order to clear the land. Answer:—A ton of cow manure sorted to in order to clear the land. Testing involves weighing and test- place in the regular order of business. This plant, hence the somewhat laborage age herd which could in a few years any setoacks it wouldn't be real involved. Adversity holds an important place in the regular order of business. Testing involves weighing and test- place in the regular order of business.

Lady Byng and the Home-Makers. BY GIBSON SCOTT.

"We can scarcely ever get her to have you done here, you whose for me when a phone call came. A appear at our social functions and branches have been going for ten, dollar installed a little bell. She pushshe is not only going to your Wo- fifteen, twenty or even twenty-five es a button on the desk-one signal men's Institute Convention but is What did you do? What proved suc- and so on. giving an address there. What is the cessful in your work for homes and I set my first silo before I realized mysterious drawing power?" asked community? While we have about how much the farm would increase in 2,500 branches in England, we have fertility and crops raised. The un-

"But I did not come here to-night what were the underlying sources of proved that red wheat winters better

tario, the mother of the whole Insti- cellency expressed the wish to meet ket. So we ask aurselves why we V.s. 18, 19. The second . . be thou tute movement, how you have carried every delegate and a brief informal should raise white wheat any more. . . over five cities. The second man on so successfully for 25 years, for reception left the Eastern Ontario When I first came to this farm I has shown a measure of capacity and this, I understand, is your Silver An- Institutes with a warm place in their handled it in the usual way. When I energy but he has not done his best niversary," said Her Excellency to the hearts for the new mistress of Gov- began to ask questions of myself, I and therefore there is no hearty word delegates at the Eastern Ontario Con- ernment House and the conviction discovered plans that suit the farm vention recently held at Ottawa. "It that those who were working in the and suit me better, and make more V. 20. Another came . . here is thy is a real pleasure to come to a Can- Institutes for better homes and com- money. pound. This man having an oppor- adian Institutes Convention, for over munities throughout rural Ontario If I see another farmer succeeding tunity equal to that of the rest, comes in England where we are young in had a co-worker of unusual sympathy by some particular plan, I ask myself to the master with no results what- this work, we feel that we can learn and understanding in the first lady why it wouldn't work with me.

give the reason for his inaction, and especially from Ontario, of how to tion in the knowledge that the appar- seem trivial. But life is pretty short, instead of finding the reason in him- meet and solve our difficulties and the ently quiet unnoticed work in solving and when we have only so many minself, he seeks to find it in his master. best methods of carrying on the work. the problems at home in our own utes to use and enjoy in a day I think He seeks to excuse himself by accus- "Now we find for instance that the neighborhoods was a source of keen they all ought to count,-Earl Rogers. ing his master. Thou art an austere third or fourth years is a critical and interest and real helpfulness to coun-

Dwarf Essex rape and red clover, strychia sulphate is a raipd acting terest in his hearers.

Dwarf Essex rape and red clover, strychia sulphate is a raipd acting terest in his hearers.

Vs. 13, 14. Called his ten servants; thou my money into the bank. The meat material. A hen, in trying to servant had not brought the master his own, for that pounds should have hear and vetch at the rate of 1 cheese. The recommended plan of prebachel and a half of wheat to one half bushel vetch makes very good hog by dissolving half an ounce of strych-bushel vetch makes very good hog by dissolving half an ounce of strych-bushel vetch makes very good hog by dissolving half an ounce of strych-bushel vetch makes very good hog by dissolving half an ounce of strych-bushel vetch makes very good hog by dissolving half an ounce of strych-bushel vetch makes very good hog by dissolving half an ounce of strych-bushel in a pint of boiling water.

Dwarf Essex rape and red clover, strychia sulphate is a raipd acting terest in his hearers.

Vs. 13, 14. Called his ten servants; thou my money into the bank. The meat material. A hen, in trying to servant had not brought the master his own, for that pound should have home and food; bushel vetch makes very good hog by dissolving balf an ounce of strych-bushel vetch makes very good hog by dissolving balf an ounce of strych-bushel vetch makes very good hog by dissolving balf an ounce of strych-bushel vetch makes very good hog by dissolving balf an ounce of strych-bushel vetch makes very good hog by dissolving balf an ounce of strych-bushel vetch makes very good hog by dissolving balf an ounce of strych-bushel vetch makes very good hog by dissolving balf an ounce of strych-bushel vetch makes very good hog by dissolving balf an ounce of strych-bushel vetch makes very good hog by dissolving balf an ounce of strych-bushel vetch makes very good hog by dissolving balf an ounce of strych-bushel vetch makes very good hog by dissolving balf an ounce of strych-bushel vetch makes very good hog by dissolving bal

Leg weakness is caused by any of nourishing food, over-crowding, damp an unsteady gait. In attempting to walk, they topple over, either forward

tonic should be mixed with nourishing



A torpedo takes four minutes to reach a target 6,500 yards away.

servant had not acted up even to his Feather picking among the floor is Poultry & Feathers

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ASK YOURSELF THIS!

I have found a question that I ask myself at least once for every task I tackle on the farm. It has paid me well to inquire of myself from time to time, "Why do I do this job this way ?"

There was a time when I had thought myself of average intelligence, but occasionally I almost doubt that, when, after so interrogating myself, I must, to be honest, reply, "Just because I did it this way the last time."

For instance, when I ground feed I used to carry the corn so far that I couldn't keep the hopper filled, and had to step over the moving belt besides. I asked myself why. In about an hour I had cut two doors, set the grinder so it was out of the way when not in use, had it close to the corn, and so the belt didn't bother me. Now I can grind a lot of feed and at the same time get all my chores extept the milking done.

Again, I answered my question by using bigger measures for carrying grain and feed, saving me lots of steps. I try to plan my chores to be getting something done each way I

I took the throat latches off my bridles, and saved buckling them two or three times a day. I use snaps in-

I ask myself why I should stand in the rain to pump water for the stock pull the water instead of push it. It's lots warmer and drier inside.

In certain seasons we have lots of telephone calls, especially at men! times. A few cents' worth of cord and the telephone could be set on the table. When the wife works upstairs she can take the phone along. She used to have to run out to the barn years What were your methods? for telephone calls, another for meals

The drawing power was the keen not yet your long and successful handy location made much walking. For \$7.50 I moved the whole thing last

V. 21. I feared thee. He proceeds to brought this Institute idea to us, and There was also the thrill of inspira- especially the little time savers, may



Winter Hymn.

The Silly Bakers.

Four and twenty bakers For the good queen's sake Direct from Manufacturers to Con- Got all their ovens piping hot A jelly roll to bake.

> The dough was mixed with deftness And worked into a roll. "How can we put the jelly in," They cried, "without a hole?"

Four and twenty bakers Left their jelly roll And traveled thirty acres Looking for a hole.

They said, "The jelly's waiting All rich and red of hue; Where's the hole to put it in? Whatever shall we do?"

They never, never finished The roll they did begin, Because they couldn't find a hole To put the jelly in!

Not Used to Capacity. The Panama Canal is now carrying about a million and a quarter tons of shipping a month, and the revenue from tolls is about a million and a quarter dollars. That means that only about ten vessels a day pass through the canal-a number that is only half as many as the locks can handle even by daylight, and, since the canal is fully lighted, only perhaps a quarter of what it could handle in the twenty-

----Time spent in wrecking others is just that much lost in building our

four hours.

ONTARIO ARCHIVES TORONTO