By Agronomist.

This Department is for the use of our farm readers who want the advice of an expert on any question regarding soil, seed, crops, etc. If your question Is of sufficient general interest, it will be answered through this column. stamped and addressed envelope is enclosed with your letter, a complete answer will be mailed to you. Address Agronomist, care of Wilson Publishing Co., Ltd., 73 Adelaide St. W., Toronto.

last year, would it be all right to put disks light, and sowing the fertilizer in beans this year again? Is fertilize at the same time. If you think this er any good for growing beans? 2. would be all right, would you advise What percentage should fertilizer sowing the same way this wheat is have for growing tobacco? 3. Is sowed or go crossways? there any way of finding out if the . Answer:-I believe you would do winter wheat has been killed before well to top-dress your spring wheat

able to sow spring wheat? applying this fertilizer, on account of the fertilizer-is all right. I would the tenderness of the crop, do not ap- by all means advise sowing the ply the fertilizer too near to the row. same way that the wheat was drilled.

beans, and never at planting time. If common alfalfa? I have a fairly good you do not have a drill, any broad- ground, sandy in character. Is it all cast distributor may be used, pro- right to sow with oats in the spring? there has been sufficient growing of oats. I know a successful alfalfa works had penetrated even to these tled retirement he needed." Through the remote parts.

Weather to allow for the germination grower in Wisconsin who never at-

field in the spring, and I thought of then harrowed into the soil just be- on her. Through the Jews in the getting some kind of fertilizer, then fore the seed is sown.

a veterinary surgeon.

affected, and its cleft, normally shal-

ul-smelling liquid, Gradually

parts; lameness is rare.

ole becomes soft or spongy

sole is made up of sprouting

yeland secular. If it be cut away

grow again in a single night

with a stinking fluid.

the entire affected part is covered

Prevention is-all important in these

diseases. Stable management should

be such that no horse is allowed to

stand for any length of time in wet

little wonder that the animal con-

it, and packing the cleft of the frog

full of calomel, or a mixture of

calomel, powdered wood charcoal,

subnitrate of bismuth and slaked lime.

sprinkled with slaked lime or gypsum

(land-plaster) and bedded with saw-

dust or planing-mill shavings.

tracts thrush or canker.

ow, becomes deep and exudes a thin,

II. J. S .: I had a field of beans; seed with the disk drill, running the

spring comes? Would it be advis- with manure or fertilizer. Indications from experimental tests are that you Answer:-1. The largest bean will get biggest return by applying growers of the East, are large users the manure at the rate of about 5 of fertilizers. The bean crop is a tons to the acre. If you have a marapid growing crop and thrives where nure spreader, you will be able to disthere is a ready supply of available tribute the manure evenly over the plantfood. Investigation of their wheat. In view of the fact that you methods show that many successful are going to seed this field to grass bean growers use from 200 to 600 and clover, I would advise you to toppounds of fertilizer per acre, carry- dress it with a fertilizer carrying 3 ing 1 to 2 per cent. ammonia, 8 to to 4 per cent. ammonia and 8 to 10 per 12 per cent, available phosphoric acid cent, available phosphoric acid. The and 2 per cent. or over potash. In method you have in mind of applying

Many successful growers apply the C. F. H .:- Please advise me if the fertilizer through the fertilizer at-culture for inoculating alfalfa sold in tachment of the grain drill 7 bottles is a success? What kind of to 14 days before planting the alfalfa seed should I sow, Grimm or Lesson I.—Jesus Sets Men Free-

Ontario farmers would do well to put vigorous start. The fertilizer for suppliant. in a conservative acreage of spring this purpose should analyze 2 to 3 get a very big top. Would it be advisapplied with the fertilizer dropper of spoke Greek. Besought him Matthew home, Capernaum, but which led spoke Greek be adjured him by the spoke Greek by the spoke

that the disease known as thrush is caused by allowing the horse to stand with his feet constantly in wet and filth; but few comparatively undersole is caused in the same way, says full strength formal delanding only claim

rog becomes rotten and loose and the lease may spread to the surround-Canker of the frog, and sole, differs from thrush in that the horn of the endily bleeds when cut. In canker, e sensitive tissue (pododerm) of

chargoal. Naphthalin sometimes is favor of her appeal." sole, which ordinarily is covered with lid horny tissue, seems to have takdithe place of the solid material.

The Centre of Hospitality.

The centre of hospitality in the home is that point about which the family itself gathers most often. This point is in most homes the fire-place. Hence its location and construction are of vast importance in building' a

The fireplace, if there is only one, should be in the living-room, for there the manure is removed . "now and the family and friends can enjoy it then," the "nows" and the "thens" most. It should be located in the sometimes coming months apart, so centre of a wall space, either on one that the horse has to jump into bed side or at one end of the room. Select over a high barrier of manure, it is the space which will permit the greatest number of people to sit around it.

In the construction of the fireplace Treatment of thrush consists in re- you must not forget that its chief purmoving the cause, cleansing the affect- pose is for a fire. The more simple ed foot thoroughly, then cutting the lines of construction, the better away all loose, rotten and underrun taste is displayed, and the more room horn of the frog and on each side of the open fire receives.

There is a great variety of materials suitable for a fireplace, and your individuality and taste can be well expressed in this important factor of the home. Brick, tile, wood, and many upon which pine tar has been spread, tile substitutes may be used. These and the dressing is to be renewed at offer great possibilities both for good intervals of three or four days. The color and design, and lend themselves stall floor should be kept clean, to any style of architecture.

Sewing Hint.

When rewing on hooks and eyes, pin a tape measure where the hooks are to go and sew on hooks an inch apart, then pin the tape measure on opposite sides and sew on the eyes. This is much simpler than measuring for each one separately.

## Greater Crop Yields

in 1918

If you cannot increase the area of your fields in crop you can increase the yields by means of proper fertilization. An increase of 8 bushels per acre in wheat yields in Ontario this spring would mean 61/2 millions of bushels more food grain.

This increase was reported in 1917 by the Ontario Agricultural College as a result of top dressing wheat in the spring with suit-The Canadian Fertilizer Association announces the establishable fertilizer.

ment of its Soil and Crop Improvement Bureau, under the direction of Henry G. Bell, (a native of Ontario, and graduate of Ontario Agricultural College), formerly Professor of Agronomy at the Uni-The purpose of the Bureau is to collect and disseminate pracversity of Maine.

tical information regarding soil tillage, fertility management and The Bureau co-operates with all organizations working for the crop production.

betterment of Canadian Farming. Write for bulletin, "How to

Increase Ontario Crop Yields." Soil and Grop Improvement Bureau OF THE

Canadian Fertilizer Association Toronto 1111 Temple Building

INTERNATIONAL LESSON APRIL 7

Text, John 8. 36.

spread. When the fertilizer is aphave proven very successful. I believe the Bacteriological Department
we may infer from the statement "He we may infer from the statement "He and the centurion's servant (Luke 7.

The hose or aither side of the one drop. the hoe on either side of the one drop- putting out such cultures. Best re- hostility of the Jewish leaders was 1-10) are the two others. ping beans, and not in the hor drop- sults are obtained by sowing Grimm growing in Galilee, and the multitude 31. He went out from the borders and the ligaments weak. ping beans, and not in the not drop-suits are obtained by sowing in Games, and the went out from the borders and the night may be good, ping the seed. 2. A good tobacco seed. Common alfalfa seed does not was increasing in enthusiasm, so for of Tyre—"Having come out of Galilee The child's appetite may be good, ping the seed. 2. A good tobacco seed. Common alfalfa seed does not was increasing in enthusiasm, so for of Tyre—"Having come out of Galilee The child's appetite may be good, ping the seed. Z. A good tobacco seed. Common anama seed does not was increasing in entities of Tyre—"Having come out of Games; The child's appetite may be good, A. 1—Can water on the brain be fertilizer for medium loam soil, car-tend to be as strong in germinating a time he would get away. These two for retirement, the performance of he may even seem voraciously hungry, cured? The patient in question is a tend to be as strong in germinating a time he would get away. These two for retirement, the inequirable gether than the ineq fertilizer for medium loam soil, car- tend to be as strong in germinating a time ne would get away. These trib for retirement, the performance of he may even seem voraciously hungry, cured? The patient in question is this miracle with the inevitable gath- but his food doesn't appear to nourish child two years and nine months. They were great or the populace around him to be as strong in germinating a time ne would get away. They were great or the performance of he may even seem voraciously hungry, cured? The patient in question is the seem voraciously hungry, cured in question is the seem voraciously hungry, cured in question is the seem voraciously hungry hungry hungry hungry hungry hungry hungry hungry hungry hu ries 3 to 4 per cent. ammonia, 4 to 8 quality. The oat crop, I am afraid, per cent. available phosphoric acid and 3 per cent. or more potash. 3. There is no way of finding out whethThere is no way of finding out whethT

quainted with their Messianic ex- impediment in his speech—This re- the work." They filled the neighbor-

with his feet constantly in wet and ize the sole with a red hot iron or the first claim, but his was not the ple. In thi case, for reasons not This cure stands out for the comfilth; but few, comparatively, under-with some strong caustic. We usual-

with, and if that does not suffice Dogs are seldom mentioned in Scrip- the thrusting of his fingers in the mation of the fine skin between the change to chromic acid, or strong ture except in terms of contempt but cars, the spittle, and touching his toes in cattle; pus forms and tends nitric acid. After applying the it is usually the street dog, the outoes in cattle; pus forms and tends nitric acid. After applying the cast animal which infests Oriental ply visible signs to help the man's customerum the horny wall of the caustic, oakum saturated with tinccities as scavengers. The Jews alludiate faith. In horses the frog is the part ture of sulphate of copper (blue- ed to the Gentiles as dogs. The dog 34. Looking up—As when he brake stone) to the pint of hot water, is dog, likely to be under the table at tude. Sighed—Or ground. The poultry was need solve the problem. ous, as each lamb must have a sepaing is changed or renewed every said—'I grant, Lord, that the meal is talitha cumi, this is an original raised at lower cost and brought to scours. Lessen the quantity of the said—'I grant, Lord, that the meal is talitha cumi, this is an original raised at lower cost and brought to scours. Lessen the quantity of the said—'I grant, Lord, that the children Aramaic word, treasured as having twenty-four hours. Dry dressing for the family, and that the children Aramaic word, treasured as having subnitrate of bismuth and tannic acid She does not think of contradicting that he could's eak articulately and at range with the young chicks until browned flour gruel. To liven weak, or burnt alum, or a cheaper mixture powders also are useful, such as a also of the house, and is there not also 35. Spake plain—No stammering or mixture of equal quantities of calomel, something for them in their turn?' stuttering now. Which indicated or burnt alum, or a cheaper mixture Jesus, but accepts what he says as once. The cure was complete. slaked lime, alum, sulphur and true, and turns it into an argument in

tions the greatness of her faith as the reason that Jesus granted her refiftally by seeming reproach (Matt.) rhachitic children contains phosphates Rhachitic children should be taken faith triumphed. She was willing to ficient in lime, bend and break easily. sible, and should have abundance of take the humblest position and take Rhachitic children have soft spots good plain food which they can asthe slightest favor, anything, so that in the bones of the skull; and the similate--which will be indicated by her little daughter might be cured. | membranous portions of the skull, the change in their stools and in their

gone, though the child was not yet of life, remain soft. recovered from the exhaustion of the possession. It will be noted that it Verse 24. The borders of Tyre and was not the faith of the sufferer but disk the land after the fertilizer is ed cultures for alfalfa, sold in bottles, for and into Centile territory seems spread. When the fertilizer is ap- have proven very successful. I be- to have been for retirement, which instances of healing

weather to anow for the germination grows in the sea of Games—In some of the crop. Do not be in too great a tempts to get a good catch of alfalfa 25. Straightway a woman—At once, would lead him northward along the they break out, they are irregular and nurry to plow up your winter wheat without applying 250 pounds of letter when it became known that he was in coast through the city of sides, then he begins to walk, the weak- it is by no means always successful.

The neighborhood, the seclusion which southeastward over spurs of the when he begins to walk, the weak- it is by no means always successful.

The neighborhood, the seclusion which southeastward over spurs of the shortage of lizer per acre. This available plant- the neighborhood, the seclusion which southeastward over spurs of the shortage of lizer per acre. This available plant- the neighborhood in upon by a strength was broken in upon by a strength was broken in upon by a strength to the shortage of lizer per acre. field. In view of the shortage of lizer per acre. This available plant- the neighborhood, the sectation which southeastward over spurs of the begins to walk, the weak- it is by no means always successful.

The condition is usually a hopeless food cereals, it is my opinion that food gives the young crop a strong, he sought was broken in upon by a Lebanon mountains—a difficult jour- ness of the bones of the legs becomes The condition is usually a hopeless food cereals, it is my opinion that food gives the young crop a strong, he sought was broken in upon by a lebanon mountains—a difficult jour- ness of the bones of the legs becomes the young crop a strong, he sought was broken in upon by a lebanon mountains—a difficult jour- ness of the bones of the legs becomes The condition is usually a hopeless the young crop a strong, he sought was broken in upon by a lebanon mountains—a difficult jour- ness of the bones of the legs becomes The condition is usually a hopeless the young crop a strong, he sought was broken in upon by a lebanon mountains—a difficult jour- ness of the bones of the legs becomes The condition is usually a hopeless the young crop a strong that the properties of the legs becomes the properties of the legs becom ne sought was bronch and they bend or break eassuppliant.

26. A Greek, a Syrophoenician—thing of the details of this journey ily; the joints are weak and he falls

27. Canathis purpose should analyze 2 to 3 Matthew describes her as a Cana- nor of any incidents on the way. frequently. F. C .: I have 8 acres of wheat available phosphoric acid, and pos- Phoenicians of the Roman province such a detour, which ended not as we that was sown in good time but didn't sibly 1 per cent, potash. It can be of Syria. Though a Phoenician, she would suppose, at his favorite lake

quainted with the mame "Son of gion was the one from which he had hood with the good news. pectations and with the name "Son-or gion was the one time and with the good news. "A very only caution is: Do not leed too news."

David." "Her use of this title would before but now he is received quite the one with the in the one much. A baby lamb should receive Canker is best treated by the trainof not necessarily mean that she had aced and experienced veterinarian, but
cepted the Jewish Messianic hope, or
there is no specific remedy. Refore

nith; but lew, comparatively, under-stand that canker of the frog and ly employ terchloride of antimony or necessary. Instead of the cure be- formed and for the manifestation of the day; after this feed every four full strength formaldehyde to start 28. The dogs under the table—ing immediate he now uses means—intense feeling on the part of Jesus.

36. The more he charged them, so much the more a great deal they 29. For this saying-Matthew men- published it.-"The command to sil-

## HEALTH QUESTION BOX

By Andrew F. Currier, M.D.

Dr. Currier will answer all signed letters pertaining to Health. If your question is of general interest it will be answered through these columns; if not, it will be answered personally if stamped, addressed envelope is enclosed. Dr. Currier will not prescribe for individual cases or make diagnosis. Address Dr. Andrew F. Currier, care of Wilson Publishing Co., 73 Adelaide St. West; Toronto.

## Rickets.

on Rickets. My baby eleven months break and there may be an outward old cannot sit up, and seems to have hump on the spine. food is suitable and how long does knobs or bead-like structures, the no power in her back. What kind of the disease last?

Perhaps your child is not affected comes pigeon breasted. with rickets, but with some other disresult of bad nutrition, affects all the portant bearing upon the successful tissues of the body, and chiefly leaves delivery of offspring, if impregnation its mark on the bones-which it should ever occur. softens and then deforms.

year, but the bone deformities appear cd; they are also sensitive to

assimilated, but also by neglect of children who have better physical dethe skin, bad air, insufficient sleep, etc. velopment. so do those of the rich.

sees it everywhere. The urine of disease.

30. Found the child laid upon the where you notice throbbing and pul- general nutrition.

tionately large.

The liver, spleen and lymphatic provided. glands are enlarged, the muscles soft,

able to top-dress with manure on the the grain drill at the time the alfalfa tells us that she adjured him by the around to the other side of the lake ment they disregarded it and the snow? Now I am going to send this is sown or broadcasted like lime and title "Son of David" to have mercy around to the other side of the lake ment they disregarded it and the snow? Now, I am going to seed this is sown, or broadcasted like lime and title "Son of David" to have mercy through the borders of Decapolis. In the charge was irred the more the charge was irred the more field in the spring and I thought of the borrowed into the control of the charge was irred the more than the charge was irred the charge was irred to th

beseech him—This is one of the cases by our Lord's mighty works was in give one-fourth pint, which should succeeding with a bad case it usually as the Messiah; but that she adopted is necessary to alternate remedies and try a great number. The first step in all cases should be to cut down the limin her need."

| Succeeding with a bad case it usually as the Messiah; but that she adopted beseen nim—11118 is one of the cases, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pagan gradually increase to one-half pint this case, and among these half-pa



bound upon the sole in such a way as the family meal. Yea, Lord: even only time when this word is used in More poultry means more eggs and for some drink faster than others to cause firm pressure for pressure the door under the table set of the label of label to cause firm pressure, for pressure the dogs under the table eat of the the Gospels. An expression of Jesus more eggs and poultry mean means a for some drink faster than others. I should be absolutely necessary. The dress children's crumbs—"It is as if the door sympathy Enhanced by the first absolutely necessary. The dress children's crumbs—"It is as if the door sympathy Enhanced by the first absolutely necessary. is absolutely necessary. The dress-children's crumbs.—"It is as if she deep sympathy. Ephphatha—Like greater food supply. Poultry can be received every said—"I grant Lord that the meal is talltha cumi. this isl an original

to run in the wet grass during their look drocpy and walk stiffly, give early life.

lars are lost each year by allowing the dead. I pour a spoonful of milk infertile egg. Dispose of the male they get up and walk. bird not later than June 1. Market a I feed the lambs for about three better quality of eggs.

Green feed is excellent for poultry months. and can be substituted for a considerable amount of the grain- ration. Grow oats, vetch, and rape for sumin a dry room or bury in a pit and cov-

er with straw and earth. Save eggs during April and May for winter use by preserving in waterglass. Mix nine quarts of water, boiled and cooled, with one quart of waterglass. Will rreserve tifteen

dozen eggs. Place the solution in a five gallon Store in cool place for winter

than any other kind of meat and could of frame or brick vencer, whilst in be made a most important source of residential districts the proportion is supply for the nation. . If breeding is started in March the surplus roosters may be dressed for meat in July at fancy prices and egg laying will begin in September.

Lloyd George recently declared that the British have 2,000,000 horses engaged in this war. It is estimated that on the whole Western front the number of horses and mules in service is close upon 5,000,000.

When he tries to move himself with his arms, the arm bones bend or

On the ends of the ribs there are breast bone projects and the child be-

The pelvis may become deformed Rickets, or rhachitis, is the and, in females, this has a very im-

Rhachitic children are frequently It usually occurs before the third bow-legged, knock-kneed or flat-footbronchitis and croup, and die from It is caused by food which is not these diseases more frequently than

The child of the poor have it, but If they reach maturity, they are short and poorly formed and their In the great European cities one limbs often reveal the marks of carly

Over this apparent rebuff her in abundance and the bones, being de- to the mountains or sea-shore, if pos-

bed, and the demon gone out-Her sation in an infant, and which ought Fats in the form of cod-liver oil, or faith had its reward. The demon was to harden during the first few months olive oil, should be given them; also All the bones of the skull, instead of they can dispose of. Treatment with being firmly united, are loose and eas- mechancial apparatus is important to prevent deformities, and they should The face of a rhachitic baby is have all possible benefit from public small, and the head seems dispropor- parks, sea-baths, sleep, fresh air, and life in the country when this can be

QUESTIONS AND ANSWERS:

-X. 1-Can water on the brain be

Answer-It is sometimes possible to tap the skull and draw off some

## Raising Lambs by Hand.

When raising lambs by hand the only caution is: Do not feed too

ing times. The first three weeks, feed regularly every three hours during grass, feed morning, noon and night, and finally drop the noon feeding.

I always use bottle and nipple , to with until the lambs learn to drink. Where one has a large nime Our meat sunriv is a cort and more ber, feeding from a pan is more tedi-

Never allow the mother ken to drops of ginger extract. In severe are lost each year by allowing them keep them in a warm room. If lambs

Eliminate the male bird at end of I have had lambs brought me which hatching season. Many million dol- were wet and chilled, and appeared rooster to run with the hens during down their throats and lay them on the summer months. Produce the the furnace register. In a few hours

Try, Try Again!

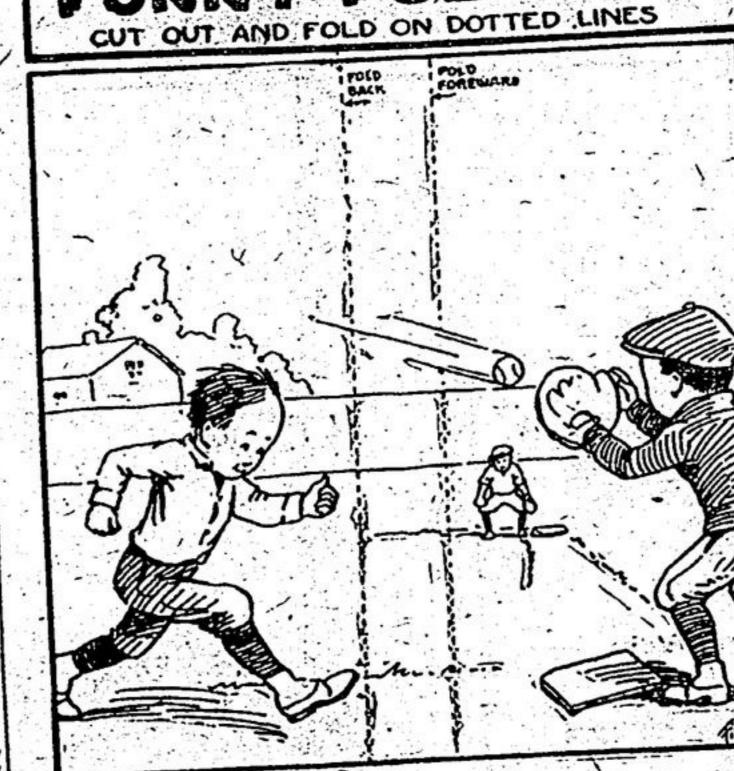
Young writers will do well to remember that Lord Bacon rewrote one for winter. Store cabbage and beets of his works twelve times; and Pascal them thirteen times; while Edmund Burke had his works printed two or three times on a private press before offering them to a publisher.

Mussed pieces of tissue paper are excellent to clean mirrors. First rub. the mirror with a damp cloth, then polish with the paper.

In Canadian cities 28 per cent. of the buildings in businessi districts are

"The world is always romantic if you have the three gifts needful to make it so-faith and sense of beauty and the sense of humor."-Henry Harland.

Better than ever. Write for Bulletin ONTARIO FERTILIZERS, LIMITED WEST TORONTO



FUNNY FOLD-UPS

On the bases Willie's fine, Captain of the sixth grade nine; And he needs this run to win, See if you can help him in.