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ROY'S GYE

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# Farm Crop A Cueries

CUNDUCTED BY PROF. HENRY Q. 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.

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C. E. S.:—Have no sile at present Answer:—A satisfactory ration for Vs. 20, 21. A certain beggar named has no such opportunities. Dives has but plenty of good timothy hay, with young chickens consists of a mash Lazarus. This man is leprous. He is had his great opportunity. He ignored small amount of clover in it, corn fed- mixture of two parts by weight of hungry. He is lonely. There is a gulf it. The consequences of a selfish life der and oat hay, with grain. I feed ground corn, three parts bran and one between the experience of the two are irrevocable. This is the whole oat hay mornings, corn stalks cut up part meat scrap. The mash is fed men, but the gulf might have been point of the parable. We reap as we at noon and timothy at night. Am also three times daily until the chicks are crossed by the rich man, had he had sow. Lazarus was the rich man's opfeeding my milkers beets, carrots, or four weeks old and then the mixture impassable gulf. Laid at his gate, demnation in heaven. cabbage with their grain, as long as is kept before the chicks in self- The rich man could not plead ignorparticular, are constipated. Can you From the third day until the fourth Fed with the crumbs. The Orientals request of the rich man seems one

Answer:—The best suggestion that

I can make is molasses to the extent is fed daily made from equal parts of dogs. Iicked his sores. The only tion that if he had had a clear and of one quart (three pounds) per day boiled for about 30 minutes and then from the dogs which were regarded as about the dangers of selfish wealth, can save grain. Dilute with water and ground through a food grinder. put it on the corn fodder and out hay. Cracked corn is also scattered on of the rich man is the sin of neglect. You might try cutting up the corn paper twice daily during the first few He did not build a bridge between him fodder about 24 hours ahead and wet- days of feeding but later it is given in and Lazarus while it was possible to himself has had, in the past, and his will heat some if left in the warm scratch for it. Grit and water are II. The Gulf That Cannot Be Bridged, the warning and teaching that is nec-

der and make it-more palatable. E. E. B.:-Please give me a good until the pullets reach maturity, when ration for young chickens.

there is a flash of heat, some fever, and ewes are pretty much preventable. entirely suspended in the affected as the rich man had lost his in his man pleads for himself, while plead-

Operative Marketing

By R. D. Colquette, B.S.A., Professor of Marketing Economics,

Ontario Agricultural College.

ARTICLE III.

late in May to the end of July. Cheese

to consumed at a fairly even rate, the

fluctuation in Great Britain being less

than 11 per cent, from month to month

Canada during the whole year. The

marketing of cheese is not according

to the rate of consumption but accord-

ing to the rate at which it is produced

Most of the factories of Ontario sell

their cheese regularly every week. In

other words they dump it. Each fac-

tory throws its product on the market

factory. This results in very unstable

the mildest form it is confined to the the same great experience.

(Garget) is very common in heavy age, being placed in position, may have a quantity of bran or spent hops arus now entreats his good offices. The died for them: "Surely he hath borne the woman's responsibility. It is also they never had the same thing on two cost of marketing would be too great. or through hand-rubbing this swelling. We shall do ill if we miss the very one in which the women are more inor through hand-rubbing, this swelling every two or three hours, not forget- at his gate, cannot help seeing him ly- terrible truth that there is remorse berested than the men. That is the girls to spend much time from their to decrease.

And third congestion of the udder may merge into active inflammation with exposition active inflammation with exposition of the bag. In my practice I lessen we don't want to disparage the work of milking by inserting a self-retaining milking tube in each work of milking tube in each work of milking tube in each work of milking tube in each the parts must be opened to allow the parts must be opened to allow the or with insufficient stripping of the misery of all eleth on his pression. A little experience taught the season we want women trustees, and do the ment trustees, and of the misery of milking tube in each work of milking by inserting and torment for souls who live in this reason we want women trustees, and of the ment trustees, and torment for souls who live in this reason we want women trustees, and of the ment trustees and torment trustees, and of the ment trustees and torment or trustees.

In case support of the beach work of the ment tr

udder in milking. In the period of full milk the organ is so susceptible, that any serious distrubance of the other. Lazarus received nothing to his command, and soon they will thing further, except to urge the Districts to take the matter up and try the School Nurse. There will not only the School Nurse. There will not only take care of the last useful application to subdue the other. Lazarus received nothing to his command, and soon they will the school Nurse. There will not only take care of the last useful application to subdue the other. Lazarus received nothing to his command, and soon they will the school Nurse. There will not only take care of the last useful application to subdue the other. Lazarus received nothing to his command, and soon they will be useful application to subdue the other. Lazarus received nothing to his command, and soon they will be useful application to subdue the other. Lazarus received nothing to his command, and soon they will be useful application to subdue the other. Lazarus received nothing to his command, and soon they will be useful application to subdue the other. Lazarus received nothing to his command, and soon they will be useful application to subdue the other. Lazarus received nothing to his command, and soon they will be useful application to subdue the other. Lazarus received nothing to his command, and according the other. Lazarus received nothing to his command, and according the other. Lazarus received nothing to his command, and according the other. Lazarus received nothing to his command, and according the other. Lazarus received nothing to his command, and according the other. Lazarus received nothing to his command, and according the other. Lazarus received nothing to his command, and according the other. Lazarus received nothing to his command, and according the other. Lazarus received nothing to his command, and according to his command, and according to his command. The symptoms vary in different If gangrene occurs, the unhealthy tiscases. If, following exposure, the anisue will need to be removed and the to set up better, shorter at more mai shivers, the surface of the body parts treated antiseptically. economical methods of distril Fundamental Principles of Co-

to the producer through thes larger proportion of the dollar. Merchandising also inclu fort to increase the cons the product handled by t ative marketing organizat creased demand has the cent. These unsatisfactory conditions stabilizing and improving Under competitive methods of mar- are resulting in the rapid extinction extension of markets made effected in a small rack in the lot. This pro- should begin when the attack occurs. keting a farm product is dumped on of the cheese export trade of Canada, in many ways. A large number of vides much of the mineral requirement. It consists in restoring the circulation the market. A splendid example is which is now less than 50 per cent. of people may be induced to in the ration. When once this method to the tissues by the gradual process Fully 75 per cent, of the wheat crop The co-operative method of market- only at intervals may be ersuaded to fed in this manner sows will consume rather than forcing it by the hasty of this continent is sold by the farm- ing substitutes merchandising for consume it regularly. See who are from two and one-half to three and process of artificial heat. In cases of

ducer and consumer and to h

until such time as it can be taken care The consumer market is given all it furnished by the marketing of Ontario rendered unnecessary because the co-

Under co-operative marketing the product is sold, not at the points of production but as close as possible to production but as close as possible to be big co-peratives, par
This should be fed at the rate rest in bed to complete restoration.

Following frostbile the patient is if it were every men should be ried. production but as close as possible to ticularly those of C ifornia, spend of about one pound for each 100 Following frostbitte to cold Frostbitten to de something for the parties of the the final consumer. As was pointed of consumers and the final consumer. As was pointed large sums annually it this method of pounds of body weight during the first very sensitive to cold. Frostbitten to do something for the next generated the sales are making the consuming public familiar half of pregnancy period. Gradually hands or feet get cold very easily. made to the established wholesale diswith their product and its merits. This increase then until this amount is They become numb and tired. As they ter than to plant a tree. all of the thousands of retailers county, year one such organization, marketing doubled during the last half of the grow warm they itch intolerably. all of the thousands of retailers, great raisins, is spending \$2,500,000 in adperiod. Do not feed in a self-feeder Often the burning and itching from and small, can be economically vertising. The California fruit organ- as the animals will get too fat. izations estimate that their advertising

speculative dealers the law of supply dollar they have put into it. and demand is made to operate, not at In merchandizing their products co. phosphate. The raw rock phosphate points of production, where gluts and operative associations of farmers have should be finely ground. This mineral shortages alternate, but at points of simply applied to the selling of farm mixture should be kept in a self consumption where, as we have seen, products the same principles that are feeder and as dry as possible. the demand is fairly uniform. The applied to the marketing of the proprice received is more uniform, for as ducts for years by other industries. tario fluctuated over 100 per cent. in every one knows, the retail price of Their methods are new only in the . That lucky fellow who won the first until healed. the five months from June 1 to No. most farm products is more uniform sense that they have been the first to prize at the corn show isn't the one that they have been the first to prize at the corn show isn't the one to the sale of the products who want down to the sale of the products to the amplication of cool water, then sale of the application of cool water.

### The Sunday School Lesson

**JANUARY 28** 

The Rich Man and Lazarus, Luke 16: 19-31. Golden Text -Charge them that are rich in this present world, that they be not highminded, nor have their hope set on the uncertainty of riches, but on God, who giveth us richly all things to enjoy .- 1 Tim. 6: 17 (Rev. Ver.).

the real reason for refusing the re-

Vs. 27, 28. Send him to my father's

V. 29. They have Moses and the

essary for life. In the law and the

The Gulf That May Be Bridged, conditions are reversed. This is not

V. 19. A certain rich man . . fared quest of the man in misery. It is only sumptuously; a man whose every want a reason that might be expected to is abundantly satisfied. He has a full suggest itself to Dives when he remwardrobe, a groaning table and an embers the past. assured future. All that wealth can V. 26. Between us and you . . . secure is his. There is nothing to imply great gulf fixed. This is the real reathat the wealth has been wrongly son for refusal. This life is the time

love for his fellows. It was not an portunity on earth. He is his conadvise any change in the ration that week the chicks are given constant actually half this condition? I have the recommendation of the property of the recommendation of the property of the recommendation of the recommend were thrown out on the street and seeks to save them from his fate. But

unclean animals. The eastern dog he might have lived a different life was the village scavenger. The sin and avoided his present fate.

This method of feeding is continued . V. 22. The beggar died . Abraham's prophets the full duty of life is laid they should be given a laying ration. and legs become cold, after which poverty, but because of his character. law and the prophets to instruct them, The name Lazarus means, "God is my They have still the poor as their opquick breathing, loss of appetite, and help," and would seem to describe the portunity as he had his in Lazarus. character of the beggar. He had not V. 30. If one went . . from the dead, wealth. The rich man also died, and ing for his brethren. Once again in their regular meetings through tatoes, etc., are all easily prepared, feed select those that will balance up

her own filth. Besides, the udder should occasionally be washed with soap and water. The animal should restorted the management of the gland is affected.

The treatment should be prompt and Nevertheless the figures must convey spiritual facts. The one outstanding fresh air. Her bowels should be kept both local and constitutional remedies, had barred himself from Abraham's feasts with his friends, he pampers the simplest but most practical way tried out for seven months in 1920-21, swered when choosing a cash crop for open. Daily exercise is a simple and usually effective remedy for sluggish artic, and don't forget that the application of a suspensory bandage is The Seeth Abraham . . and Lazarus buy," but he had no heart of compassion no feeling of brotherhood for his Family." "I

is enlarged, hot, tense and tender, and that a swelling may extend forward that a swelling may extend forward the gland on the lower surface of the abdomen. In two or three days, when the secretion of milk has been the secretion of from the inwhen the secretion of milk has been sible should be drawn off from the in- abode of the doomed was night the have somehow cheated our souls of the calf allowed to suck. Samed clark and all the soil recuperation plan that average the suck of the dishes prepared required the yields will tend to increase rather than

or with insufficient stripping of the pus to escape freely. Belladonna ointstate do anything for the misery of by living in his spirit and according that there is no need of adding anycer's apron. At 12 noon each pupil meat or milk production, more ex-

Sows need some legume forage and The in- of these alfalfa is by far the best, but effect of if this is not to be had red clover hay

By carrying the product past the has returned them about \$10 for every with these feeds would be equal parts

when farrowing.

# The Tobacco of Quality and in packages

SMOKE

## bosom. "Abraham's bosom" was one down. The necessity of love for God of the phrases by which the Jews deand man, the results of sin are clearly scribed the future state of blessedness. set forth for him who is willing to

Raising the Health Standard in Your Community

BY A. JAMIESON.

In order to keep the udder clean, the superficial structures of the gland, V. 23. in hell . . lift up his eyes; the root of all. If Lazarus in life does while in the other form the interior of "and in Hades," the unseen world of not awaken pity, Lazarus from the us are domestic science graduates; we use are domestic science graduates; we while in the other form the interior of dead cannot awaken fear.

In order to keep the udder clean, the superficial structures of the gland, V. 23. in hell . . lift up his eyes; the root of all. If Lazarus in life does while in the other form the interior of the dead cannot awaken pity, Lazarus from the us are domestic science graduates; we use are domestic science graduates; we want to barley as a source of starch. It is a more economical feed to produce in the superficial structures of the gland, V. 23. in hell . . lift up his eyes; the root of all. If Lazarus in life does us are domestic science graduates; we use are domestic science graduates; we want to be a source of starch. It is a more economical feed to produce in the superficial structures of the gland, V. 23. in hell . . lift up his eyes; the root of all. If Lazarus in life does us are domestic science graduates; we use are domestic science graduates; we want to barley as a source of starch. It is a more economical feed to produce in the superficial structures of the gland, V. 23. in hell . . lift up his eyes; the root of all. If Lazarus in life does while in the other form the superficial structures of the gland. The superficial structures of the gland of the superficial structures of the gland of the superficial structures of the gland. The superficial structures of the gland be housed in a building that is proper.

The animal should neglected, the more difficult it be- fact is that a life of selfishness carries which this rich man accumulated his school; so it is hoped that as members the methods employed in carrying on protein feed and to field peas for the wealth; he is not charged with injustification. The wealth is a purely school in same purpose in the northern counties. be housed in a building that is propercomes to effect a cure. The treatment within itself the seeds of future miswealth; he is not charged with injustice but his sin was heartlessness. He
Several questions counties. ly ventilated and well supplied with should embrace the employment of ery and unhappiness. The rich man tice, but his sin was heartlessness. He formation will be brought to them in feasts with his friends, he nampers to effect a cure. The treatment within itself the seeds of future mission with his friends, he nampers to effect a cure. The treatment within itself the seeds of future mission with his friends, he nampers to the formation will be brought to them in seeds of future mission with his friends, he nampers to the feasts with his friends are the feasts with his friends, he nampers to the feasts with his friends are the feast with his feast with hi

In cows, congestion of the udder in the treatment of garget. The band- V. 24. Father Abraham . . send bright glory of Jesus that he not only all subjects which concern the home dren brought milk in turn. Their soils in Ontario on which it would be and those within the home. This is lunch was different every day, that is

sary utensils at the start. Soups, rice, of time for play.

be improvement in the health of the were washing the boy waiters had it tend to pile us labor at certain seachildren but the whole physical and placed the required dishes on pupils' sons and cause other periods to go moral standard of the community will desks. Pupils sat down and one of begging for things to do, or will it betthem said grace. They took turns in ter distribute throughout the months The ration that the brood sow re- I want to say just a word about the performing this rite and the boys did the demand for both horse and man ceives in the winter and the last half Hot Lunch in the school. This has not object, taking it as a matter of labor? of the period in which she is carrying gone beyond the fad stage. We have course. After all were through, one her litter will largely determine the court in several schools in piled the dishes up and brought them More Vegetables for Farmers. strength of the pigs when they are South Renfrew and it has proved very to the table, one washed, one dried. an ef- born and the success that she will have successful. You need not buy elabor- and the fourth put away. Time reate equipment. Just get a few neces- quired twenty minutes, leaving plenty

### Frostbite.

ed. During the same period only ative marketing association is sold, consumers. And, mos important of Corn should make about half the in as long as necessary to secure a about 25 per cent, is consumed. That not according to the rate at which it all, the co-operative ociation can grain ration. It should not be fed good color and active circulation. makes it necessary for speculative in- is produced but at the rate at which make sure that the cor mer, when he alone, for the sows will have more or While doing this the patient should be terests to step in and take control of it is consumed. It is fed to the marthe litters will not be as strong and should be strengthened and stimulated The extension of m ets is accom- healthy as when other grain mixtures by hot drinks and by hot applications will take but no faster than it will plished by first of all a king sure that are fed. For a 100-pound ration the to other parts of the body. This grad-Another example of dumping is take it. The speculative element is the product is of a d quality, so following is a good one: Shelled corn, wall restoration of the circulation, furnished by the marketing of Ontario rendered unnecessary because the cocheese. Cheese production fluctuates operative does its own storing of the
cheese, that when a customer spurchased it fifty pounds; ground oats, forty once he will ask for it tain. He must pounds; tankage, five pounds, and linwent, restores vigor without injury to
There are few farms that have not from almost nothing in the mid-winter surplus in the flush production period have some way of idea flying the product when making artificial heat breaks operative does its own storing of the have some way of idea flying the product when making artificial heat breaks operative does its own storing of the have some way of idea flying the product when making artificial heat breaks operative does its own storing of the have some way of idea flying the product when making artificial heat breaks operation artificial heat breaks of the sounds of hy applying artificial heat breaks operation artificial heat breaks operat

> warmth of the bed drives sleep away. It is said by scientists that in food In some cases ulcers develop and are value six eggs are equal to a pound hard to cure.

menthol. But the important thing is to build up the devitalized tissues and they cost him is the trouble of there will no longer be this undue susceptibility to cold.

First, build up the nourishment of ing a bed heavily mulched for late the whole body. Next, give special bearing, rhubarb fresh from Thanksattention to the affected part. Nutri- giving until June, by taking up the tion may be encouraged by daily mas- roots, letting them freeze and putting sages. Improved reaction may be ob- them in a lighted cellar for winter tained by bathing the parts twice daily growth. Peas and other summer vegein cold water and following this by tables all summer instead of for a few active rubbing. Protection should be weeks, by successive plantings of difgiven by special clothing, such as ferent sorts. Lettuce and radishes warm gloves for the hands and woolen from May until Thanksgiving, by stockings for the feet. Nothing should planting in the cold frame—an aver-

this makes a trade ms or brand nec- shelled or ground corn; thirty-five down blood vessels and causes death be the only crop. It is a selfish arguessary. The brand is prought to his pounds of ground oats; twenty pounds of tissue. Severe cases should always ment with some, that the planter of a

of beefsteak, and are more easily I am afraid that many weretarian The ulcers of frostbite must be digested. Eggs are rich in protein, treated with every care to prevent in- and therefore most nutritious as food. fection, for the tissue is of poor qual- The yolk consists of fat, albumin and ity as to resistance. They must be mineral salts-sixty-four per cent. of wash in cold water, wipe dry and kept surgically clean and dressings it is fat. The white is pure albumen place right side up over the fire to changed every day. It is economy to and water, with scarcely a trace of dry; do not put in a place hot enough give the ulcerated part absolute rest fat, and a small quantity of mineral to melt the solder. When thorough wember 1. During the first three weeks than the price the farmer receives for June prices fluctuated over 40 per them. The net result of co-operative of the farm, the net result of co-operative of the farm, the net result of co-operative of the farm, the first three weeks than the price the farmer receives for apply them to the sale of the products who went down to the case of the application of cool water, the found in the case of the products who went down to the application of cool water, then sealed the strainer.

**PLANNING FOR 1923** 

The farmer has been accused of being a poor bookkeeper and he undoubtcally is, for bookkeeping, or other records, is usually on a yearly basis and there are times in the year when he is "the busiest man on earth," but during the winter there are many times when he likes to get out his "old ctub pencil" and figure on the granary door or other convenient tablet.

If he would figure out a definite rotation of crops over a certain cycle, such as three, four or five-year rotation, so that he would know just how each acre is to be used, it would go a long way toward systematizing his farm work and in distributing his labor uniformly over the year. Many farms are operating in Ontario on a definite rotation system and they are in the high average yield per acre class. If a farmer believes, as many do, that his farm is the exception that proves the rule and it just simply will not fit into a definite rotation, he at least can determine the crops to be grown for two seasons in order to plan for the hay and fall grain seeding as well as for the spring-grown

In planning what crops to grow care must be used in determining the acreage of each to insure an abundance of home-grown feeds. Live stock is kept primarily as a home market for the feeds produced. The kind of feed grown should be adapted to the live stock kept. For example, the dairy farmer who insists on seeding timothy with his clover is defeating his own purpose. The first consideration in planning what crops to grow on a live stock farm should be given to the production of a legume hay. Alfalfa, clover, sweet clover, or soybean hay is available to the live stock farmer as a source of dependable cheap roughage.

First the Institutes can do much baked beans, custards, scalloped po- In planning for the grain crops for Mammitis occurs in two forms: In was buried. Rich and poor share in Abraham says that not lack of knowl- their papers, discussions and demons and have as their foundation milk, the roughage used. Ontario live stock some sections than is corn. In the

factor in preventing udder ailments.

The diet is also a big plication of a suspensory bandage is The conditions of himself and Lazarus sion, no feeling of brotherhood for his bungry needy neighbor. It is the ing." "Sanitation and Ventilation" are the hot dish for next day. There are some good potato

Why is it that the average farmer and his family go without the many good things that the city dweller considers a necessity? The city man pays large prices for things which the farmer declares he cannot afford, when all

asparagus fresh until June by havage size frame will furnish many any other kind (that is if you buy,

Then there is corn salad attichoke Chinese cabbage, cauliflowers salsify collards; cress, endive, sorrel; parsnips parsley, sweet peppers, and many other dainty green vegetables that the average farmer never uses ....

If one should judge the edible year

ONTARIO ARCHIVES TORONTO