# Efficient Farming

been making experimental shipments of store and fat cattle and chilled beef

o Great Britain.

In a shipment made in May, 1924,
a strictly home produced article.
3. The lighter spring shipped feedconsisting of 140 head of store cattle of different ages and weights, from the Experimental Stations at Leth-bridge, Alta, Scott and Rosthern, Sask., and Lennoxville, Que., some interesting facts are shown.

Total cost of shipment to Manchester, per steer:

From Lethbridge ..... \$42.60 
 From Scott
 39.96

 From Rosthern
 42.13

 From Lennoxville
 28.95
 Shrinkage in rail and ocean ship-

Steers not so well finished (average 1,255 lbs.) from the same Farm, lost at the rate of 5.8 per cent.

Cattle from Scott, Sask., shrunk 8.1 per cent.; in the case of yearlings (average 990 lbs.), and with two-yearolds (average 1,268 lbs.), 8.8 per cent.

While 1,148 lb. Angus feeders from Rosthern lost 7.7 per cent., and 1,322 lb. butcher steers shrunk 9.0 per cent.

1. It was apparent that care in rail do with minimizing shrink. Overcrowding is responsible for heavy loss and cattle arrive at port of loading in a more or less exhausted, shrunken condition. Several hours rest is advisable at feeding points where the exercise and opportunity to relax is cess of 1,250 pounds. possibly more important than the feeding.

2. Fat cattle lose more than those in a less forward condition.

3. Ocean shrinkage is comparativeweather and attendance).

It should be remembered distinctly, the British market. however, that for the classes of cattle trade has established or stabilized Central Experimental Farm, Ottawa, all joyful, but there must be the spiri Canadian prices. In other words the British market has pulled up Canadian prices to the same level, costs of shipping considered. This has been are to be conducted with complete feror supping considered. This has been are to be conducted with complete length of the fact that steers were the locality. In a local prices were increased through the fact that steers were to be conducted with complete length of factilizer is usually more vital than is shown in point of shipment, were, with the ex- 107.5 bushels. creased by from 2 to 52 cents per ities at the Farm can judge from two

# BRIEF DEDUCTIONS FROM THIS EX-

called forth the reprimand.

lap, he cried, "See, Mother, what I

left the screen door ajar, and that

Teddy, eager to see his little master,

TRAINING OUR CHILDREN

WHICH KIND OF SPOTS DO YOU PREFER? BY MAUDE FREEM AN OSBORNE. In reprimanding children, one His mother was sitting right by the should be very careful not to antagon- spot of paint, and so Teddy jumped

ize them, otherwise the harm done into it and tracked it all over the may be greater than the offence which porch. She could have said,

In his great joy at giving Mother a and sobbed, not with repentance but esent, he did not notice that he had with hurt feelings and anger.

NOTES ON EXPORT CATTLE | year-old steer that has been wintered SHIPMENTS.

Conomically on home grown feeds and with cheap housing, and that is ship-Dominion Experimental Farms have ped off grass in the fall, is a good

Fat or short keep (average 1,309 ier proposition. Shipping the feeder lbs.) from Lethbridge, Alta., shrunk steer that has been developed largely

shipping from the West had much to butcher or retail type of steer com-

ly light (under fair conditions as to WHICH PAYS BETTER—SALE IN CANADA or EXPORT?

It is frequently stated that it pays beef cattle in Canada cannot be allow-though it lack many things, if there is just as well to sell in Canada as to ed to deteriorate, if we are to cater an ever-present, home-making spirit. export. In a general way this is true. to and make a name for ourselves on Edgar Guest, in a recent article says

# Fertilizing for Potatoes.

Two experiments out of three that

exported from the locality. In ship-receiving an application of fertilizer is usually more vital than is shown in but the absence of one need not be mand.

Berta maximum appraised values at a all uncartilized about the average is usually more vital than is shown in but the absence of one need not be mand.

Berta maximum appraised values at a all uncartilized about a building many blocks away. With used keep them shiping light two one and all uncartilized about the average building many blocks away. With used keep them shiping light two one are in the control of the cont berta maximum appraised values at of all unfertilized check plots was

cwt. Quebec cattle of rather indiffer- years' results, a 3-8-6 mixture or ent quality on export exactly equal 1 4-8-10 or 4-8-8 mixture under averprices received at the Farm for cattle age conditions will give good results. of like quality. If the price of cattle Third—That under average condi-

This experiment is being continued PERIMENT.

1. Uniformity of groups is a most important factor in successful sale. The man who can breed or buy for

spare enough to grow and fatten at the same time. The yearling or two-will be on the morrow.

that's lovely, dear, but now let's get

over on a log, his elbows on his knees,

The spots on the porch could soon be

cleaned up, but what of the spots caused by the fires of resentment?

"Yes,

# with charge heaving and that is a proposition for in the vory: and sides for the latter he regressed in all of the latter he regressed in the latter he regressed in all of the latter he regressed in th

he British market.

Further particulars regarding these a house a home." Yes, if it is the required by Great Britain, the export shipments may be obtained from the right kind of living. It need not be of love, patience and sympathy.

A REAL PARTNERSHIP.

The woman on the farm has a chance to lead in the most wonderful family companionship there is. By very nature of the farming business their mother and father acting as partners, the children catch the spirit. and the family is co-operating, not because of any teaching, but because of their very nature.

Co-operation also applies to play and here again, parents must be wise in Canada is equal to net export tions the most economical quantity to prices, this benefit is directly due to the removal of the embarger gether, allow the children to share in deciding what is enjoyable. The

Long cold winter evenings mean stay- love is home, home that our feet may Vs. 31-34. The incident at the well ing at home for rural folks, and music leave, but not our hearts. The chain has profoundly stirred the soul of makes the evenings pleasanter. Even may lengthen—but it never parts. warm-hearted little boy—had spilled could have said something to remind warm in owning that something to remind the could have said something to remind harm in owning this relicking records.

warm-nearted little boy—had spilled could have said something to remind paint on the floor of the new porch of their cabin in the woods. He had been commanded—yes, that is the right word—to keep Teddy, the dog, off the Many parents object to paying chil-, might find it profitable to try housing dren for their services, contending that they should learn to do their Now it happened, just after this, that some friends called to take Warren, his little sister and their mother that dog out of here just as fast as on a picnic. Mother, however, could you can!" piece of cake for her. Seeing this, his cake, the sandwiches and even the lithostess gave him a piece of each kind the paper fork on the ground in front of cake, and one of each variety of sandwich. These he wrapped in paper napkins.

When the party stopped once more at the cabin. Warren rushed in, and dumping the bundles in his mother's with resentment and rage.

Again his mother spoke, still angrily, "Warren Farnsworth, did you able.

Warren wort and huddled being with Warren went and huddled himself with children's books, magazines, pa-

used, keep them shining, light two or three instead of one.

THP BATHTUB QUESTION.

Bathtubs have not been distributed throughout our country; but, where its a "prophet." But to escape from further conversation on the subject of ized wash-tub is used frequently and personal religion, she drags in the thoroughly, and after all, personal religion, she drags in the thoroughly, and after all, personal religion, she drags in the thoroughly, and after all, personal religion, she drags in the drags in the drags is the point. A clean body she says, have their ideas of religion, and Samaritans have theirs, and who is to decide which is right?

Vs. 21-24 Jesus' answer is that true religion, the true worship of God, has flock.

their chests, trying to learn to swim. The performance did not appeal to grown folks, but I realized that twenty years ago, I would have found it quite an attraction, so we watched them for a long time.

Our talking-machine has helped to make many enjoyable evenings for us all. The money which paid for it might have been used towards installing a water system, but we can help each other carry water, while I can not sing "A Perfect Day" as does Mischa Elman.

If, like myself, you have a modern time souls to the pure worship of God "in spirit and in truth." God seeks "spiritual" worship, that is purity and love of the heart. True religion is "in a house a home) is only striving to ered soul; it is "in truth," because it depends on a right conception of God and make this old world a little brighter the Father. We must think what God is, and yield ourselves to him in sincere trust and surrender.

Yourself haw much depends upon love and better. While labor-saving deach other carry water, while I can not buy, but which are free to every Alma Gluck, nor can my husband play "Souvenir" as does Mischa Elman.

If, like myself, you have a modern "in spirit and in truth." God seeks "spiritual" worship, that is purity and love of the heart. True religion is "in spirit and in truth." God seeks "spiritual" worship, that is purity and love of the heart. True religion is "in spirit and in truth." God seeks "spiritual" worship, that is purity and love of the heart. True religion is "in spirit and in truth." God seeks "spiritual" worship, that is purity and love of the heart. True religion is "in spirit and in truth." God seeks "spiritual" worship, that is purity and love of the heart. True religion is "in spirit and in truth." God seeks "spiritual" worship, that is purity and love of the heart. True religion is "in truth," because it depends on a right conception of God is, and yield ourselves to him in sincere trust and surrender.

Your Solve the fleece a chance to dry out.

Mr. MacMillan advises community dipping does to heart.

Holmes has said: And where we III. THE HARVEST OF THE WORLD, 31-35.

difficulties during the winter season might find it profitable to try nousing the recempession and every nature steers in loose pens instead of trying him forget food and every nature steers in loose pens instead of trying him forget food and every nature. But the disciples cannot enter want. But the disciples cannot enter periments carried on at Lennoxville, into his thought, for they do not real-que, during five years, went to show ize how near the redemption is. Then to rear the calf by hand. that some friends cannot their mother ren, his little sister and their mother on a picnic. Mother, however, could not go, as she was expecting company, So the children went without her. Warren was fascinated with the little paper forks with which they are their lunch as he had never seen any before. He begged for one to take home to Mother. He even saved his mother's lap and emptied the pieces of some to Mother. He even saved his mother's lap and emptied the pieces of catch the sandwiches and even the little was a fast as pleasures or necessities. If children work regularly and more or less will ingly (grown folks also run low on pep, once in a while) they can receive pay in proportion and be taught to share the burden of buying their needs. Then he put the dog out. He also mother's lap and emptied the pieces of each of the sandwiches and even the little was proved to the sandwiches and even the little was proved to the sandwiches and even the little was proved to the sandwiches and even the little was proved to the sandwiches and even the little was proved to say reproachfully. Two lots of ten steers each were used work regularly and more or less will ingly (grown folks also run low on pep, once in a while) they can receive pay in proportion and be taught to share the burden of buying their needs. Then he put the dog out. He also bringing you something nice, and see how you treat me."

Then he put the dog out. He also share the burden of buying their needs. Thus the family makes and work regularly and more or less will arge pen and the other tide in stalls. The steers were of uniform qualities. For two weeks after being large. For two weeks after being large. For two weeks after being large. They are coming to see him months of age. Young calves thrive and size. For two weeks after being large. They are coming to see him mother's lap and emptied the pieces of each were used when the experiment, one lot housed in a large pen and the other tide in stalls. The steers were of uniform qualities. For two weeks after that steers wintered in pens made Jesus speaks.

Cheaper gains than those tied in stalls.

V. 35. The spiritual harvest of the digestion troubles, due to cold weather being an aid in preventing the sour-in the experiment, one lot housed in a large draws attention to the Samar-Across lot adjoining the stable is

# The Sunday School Lesson

AUGUST 31.

Jesus Talks With a Samaritan Women, John 4: 4-42. Golden Text-God is a Spirit: and they that worship him

the work and the rest of the family get the pleasure. All the modern conveniences in the world can not make up for lack of genuine spirit. We should preach and practice the idea of right because it is right, instead of what is meant, but she pretends not to understand, for she does not wish to speak of religion. She has all these years avoided the subject, right because it is right, instead of what "living water" means. But Jesus because some one else thinks it is. Children should be obedient, helpful, springs cannot satisfied, or at peace with God. On the some.

An electric light system is splendid, but the absence of one need not be mand.

That is, refreshment for the soul. Vs. 11-14. The woman has a sense of what is meant, but she pretends not ounderstand, for she does not wish to speak of religion. She has all these years avoided the subject, and now she pretends not to know what "living water" means. But Jesus answers that water from earthly for satisfied, or at peace with God. On the other hand, Jesus can give that which will prove a never-failing spring of personal joy and peace. He I have a calculation of the soul.

Vs. 15-20. Jesus had indicated to the woman that she is not happy. He now draws from her the confession that her life is not what it should be. The

Means to an end.

As a leader in home life, the mother little to do with the questions which should instil a respect for religion. No matter what your creed or belief, be maritans. It is a matter of the heart's sincere and attend your church. The sincerity before God. The hour has doctrines of Christianity apply to all now come for all men, Jews and Saeasily be saved. September and Octored to the same the heat may be saved. September and Octored to the same the heat may be saved. September and Octored to the same the heat may be saved. September and Octored to the same the heat may be saved. September and Octored to the same the heat may be saved. September and Octored to the same the heat may be saved. September and Octored to the same the heat may be saved. September and Octored to the same the heat may be saved. September and Octored to the same the heat may be saved. September and Octored to the same the heat may be saved. September and Octored to the same the heat may be saved. September and Octored to the same the heat may be saved. September and Octored to the same the heat may be saved. September and Octored to the same the heat may be saved. September and Octored to the same the heat may be saved. The man who can breed or buy for export steers of uniform color gets the proverblal benefit of the buyers' type of steer gets the feeder's eye.

2. The British feeder likes best a bullock that is report for 1923, states that the man who can breed or buy for export steers of uniform color gets slag plots was 55.48 bushels against our children found nothing so interdoctrines of Christianity apply to all now come for all men, Jews and Saleasily be saved. September and Octives, and a regard girls, with inflated inner tubes about for them brings strength.

The performance did not appeal to grown folks, but I realized that twenty that successful motherhood (and that love of the heart. True religion is "in dipning where possible, as thereby doctrines of Christianity apply to all now come for all men, Jews and Saleasily be saved. September and Octives, and a regard for them brings strength.

If, like myself, you have a modern "spiritual" worship, that is purity and their souls to the pure worship of God seeks grown folks, but I realized that twenty that successful motherhood (and that love of the heart. True religion is "in dipning where possible, as thereby and corrected in the sincerity before God. The hour has fifty cents to a dollar and a nair may doctrines of Christianity apply to all now come for all men, Jews and Saleasily be saved. September and Octives, and a regard for them brings strength.

If, like myself, you have a modern "spiritual" worship, that is purity and their souls to the pure worship of God "in spirit and in truth." God seeks grown folks, but I realized that twenty that successful motherhood (and that love of the heart. True religion is "in dipning where possible, as thereby doctrines of Christianity apply to all now come for all men, Jews and Saleasily be saved. September and Octives, and a regard doctrines of Christianity apply to all now come for all men, Jews and Saleasily be saved. September our children found nothing so interdoctrines of Christianity apply to all now come for all men, Jews

Pen Fed Steers.

Cattle feeders who experience labor lifficulties during the winter season might find it profitable to try housing the very ho

catch the right spirit, a mappy tion results.

A home should be attractive, and while it is primarily the mother's and of corn meal, screenings, bran, and oil meal during the finishing perher family should help to keep it so. Although well kept, it should be livable. Far better an oak table, filled with children's books, magazines, paper pers and other well-chosen reading material, than a mahogany table, with a fancy scarf and two volumes of unfathomable poetry.

While there is no substitute as good as the egg, we should be grateful that none of the substitutes are as bad as To-day we have an interview with a mone of the early part of the wincer, and of corn meal, screenings, bran, and oil meal during the finishing perhad of corn meal, screenings, bran, and oil meal during the finishing perhad of corn meal, screenings, bran, and oil meal during the finishing perhad of corn meal, screenings, bran, and oil meal during the finishing perhad of corn meal, screenings, bran, and oil meal during the finishing perhad of corn meal, screenings, bran, and oil meal during the finishing perhad of corn meal, screenings, bran, and oil meal during the finishing perhad of corn meal, screenings, bran, and oil meal during the finishing perhad of corn meal, screenings, bran, and oil meal during the finishing perhad of corn meal, screenings, bran, and oil meal during the finishing perhad of corn meal, screenings, bran, and oil meal during the finishing perhad of corn meal, screenings, bran, and oil meal during the finishing perhad of corn meal, screenings, bran, and oil meal during the finishing perhad of corn meal, screenings, bran, and oil meal during the finishing perhad of corn meal, screenings, bran, and oil meal during the finishing perhad of corn meal, screenings, bran, and oil meal during the finishing perhad of corn meal, screenings, bran, and oil meal during the finishing perhad of corn meal, screenings, bran, and oil meal during the finishing perhad of corn meal, screenings, bran, and oil meal during the finishing perhad

the first foreign mission, and its line has gone out to all the earth.

Why Sheep Dipping Pays.

Fall dipping for sheep is just as mportant as spring dipping, but owing to the fact that ticks are not as easily distinguishable late in the season as at the beginning the second operation is often neglected. In a leaset just issued by the Dominion Live Stock Branch, of which Mr. A. A. MacMillan, Chief of the Sheep and Swine Division, is the author, the following reasons are given as to why it pays to dip:

1. Sheep that are free from ticks

morrow

Sour, dirty feed pails and troughs. Dirty pens, flies, no protection from heat or sun.

Feeding too much or too little. No drinking water supply. Sour whey and sour skim milk from

the factory. Vermin. It is a good practice to leave the calf with its dam for the first two or