Efficient Farming

FILLING THE PROSPERITY

efficient coarse fodder storage build- is little or no lateral pressure. ing that can be erected on the farm. The inside of a silo is no place for A ton of clover hay or corn, field a lazy man during filling time. Only cured and stored in the farm barn, re- the most dependable workers should quires at least 400 cubic feet of space. be entrusted with the spreading and The same quantity of corn or clover packing of the finely-cut fodder. The

or corn made up as dry hay or corn and light portions separated, and with fodder, would require a barn 40 x 330 the leaves all together, soft, spongy x 16, costing not less than \$1,200. The areas develop in every foot throughout same quantity of fodder made up as the mass. It can be smoothed over at silage could be stored in a silo 10 x 30, the time, but the telling evidence of costing not to exceed \$300.

-- The silo has made possible the ex- sections when the silage is removed. tensive use of plants that are not suf- The best corn may be grown. the ficiently palatable in their natural best of silos built, the cutting machinstate to be of great value. The ensil- ery may be used, yet the silage largely age process, when practiced on sun-spoiled by loafers neglecting the flowers, mustard, coarse sweet clover spreading and packing of the fodder and Russian thistle, makes palatable as it goes into the tank. acceptable ensilage. Also, the silo All silage material should be finely may be made to serve a useful pur-cut. Coarse stalks and hollow clover pose by providing a medium through and grain stems must be cut short and which weed-infested crops may be be crushed or broken in order to pack which weed-infested crops may be be crushed or broken in order to pack mas turnished us an idea that is pay-timings good, not still them. Ask ing. This brings us to our present man, and should say, "I am willing; handled, by being utilized to save well. The use of the flexible distribution of the mortgage for us. My hus-enough to make a reasonable profit lesson. We are now to see Jesus as be thou cleansed." grass, clover and grain crops in sea- tor tube is a great aid in the even band and I are town-bred. We plan- and they'll sell fast. I've never for- a man of prayer. grass, clover and grain crops in sea- tor tube is a great aid in the even bank and I also will be so sternly charges sternly charges sons too wet for haymaking or grain spreading of cut fodder. It, too, should ned when we bought our farm to raise gotten the story about my grand. I. JESUS THE MAN OF PRAYER, 35-38. him to say nothing about his cure, but

large portion of the cut and stocked work. grain crop of the Pacific Coast would The highest grade of corn silage is things to eat to people in the tourist cooking always tastes so grad?" have been lost had it not been that made from those varieties of corn that camp. A similar trade could be built And my grandmother answered: the farmers had silos. Owing to con- produce a large proportion of grain with town-folks from any farm protinued unseasoned weather the grain in the total weight of crop. Large- perly located. sheaves made a luxuriant growth, de- growing southern varieties of dent resulted, the silo having saved the as great as with the late maturing, sell them some bread and pie."

first of all on fermentation processes, dry matter basis, the smaller growing bought the whole display. which are largely controlled by the earlier maturing dents and flints have amount of air present in the mass of the advantage. Only such varieties I carried bread, pie, and fried cakes sell several articles almost as quickly, world was writing for him in Caper- 14:37) and the leprosy of the garment folder. Silos built with air-tight as will ripen at least a few ears should down to the camp and sold two dolwalls will cut off the air supply from be used, even in most northern secthe outside and reduce the losses to a tions. the outside and reduce the losses to a tions.

minimum. Air-tight, hence satisfactory silos, may be made of wood, stone, the practice was to grow big corn.

In less than a week very silos, and business, the business was too much for so, so mite and honorable as any business, keep with God.

I drafted the "gudeman." He got eggs, and conduct ourselves accordingly.

There is rough pleasure in this, as well not return to Caparnaum. His practice was a coordingly was, according to the business was too much for so, so mite and honorable as any business, keep with God.

V. 38. Jesus explains that he must scall" of Lev. 13:20-37, was, according to the business was according to the business was too much for so, so mite and honorable as any business, keep with God.

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The solution of the business was too much for so, so mite and honorable as any business, was too much for so, so mite and honorable as any business, was too much for so, so mite and honorable as any business, was too much for so, so mite and honorable as any business, was too much for so, so mite and honorable as any business, was too much for so, so mite and honorable as any business,

silage perfectly, for the wood will made from corn that consists of big keep. swell sufficiently to make them air- juicy stalks.

allow sufficient air to enter to spoil the whole mass of ensiloed material. The top of the ensiloed material will seal itself through decay of about a foot of material, less when very green crops are used, and more when more can be largely eliminated by cutting thoroughly the last few loads of silage as they are cut up, by covering the silage with a layer of finely cut wet

Silos less than twenty feet deep do not give the same high efficiency as stlos over thirty feet deep. Height is required in order that the weight of pounds of creamery butter valued at I always baked a quantity of food, is sufficiently mature, in the judgthe mass may be sufficient to compact \$56,894,008 last year, compared with and if I had orders I baked more. The ment of the grader, to permit of the consisted of 100 pounds of wheat, 100 try the following method which has the cut material and reduce the air 152,501,900 pounds valued at \$53,453,idea is to have food on hand. There quality being properly determined."

| Consisted of 100 pounds of corn, 50 pounds of corn, 5 content to a degree not favorable to
extensive fermentation. The deeper
ter in 1923 averaged 34 cents per
the alle of any given capacity, the
the alle of any given capacity. The deeper
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the alle of any given capacity. The deeper
ter in 1923 averaged 34 cents per
the alle of any given capacity. The dry mash, less the season I hake less the the silo of any given capacity, the pounds against 35 cents per pound beginning of the season I bake less, dom he was more than ever impressed birds, consisted of a mixture of 100 thumb and two fingers. He raises her smaller the cross or top turface exin 1922. Of last year's production,

This is important since silage Outles against so cents per pount peginning of the season I bake less, dom ne was more than ever impressed birds, consisted of a mixture of 100 diameter beautiful than the holds her except that he holds her posure. This is important, since silage Quebec manufactured 60,179,616

It is better to have too little than too tories stopping the practice of ship-dlings, 100 pounds of crushed oats, 100 drench her, except that he holds her The modern practice is to build the 54,773,180 pounds valued at \$19,443, siles high, and of a diameter that is 505; Maritime Provinces, 6,319,574 and fruits and eggs. Of baked foods tories that pursue a reasonable course pounds of blood meal, and 15 pounds person holding the cow pinches the in keeping with the daily feed requirements, the aim being to have the silo as small in diameter and as high at \$13,106,043, and British Columbia, again it is practicable to build. The deep 2,961,154 nounds valued at \$1,250,485. that a better silage can be made and per cent. more at an increased value 28 in one day. I carried them in bis-warehoused at the maker's expense year the 50 pounds of barley in the described method. But it is remarkthere is less wastage on exposed top of 31 per cent. last year compared cuit boxes last year, with a pie tin until they have become reasonably mascratch mixture was replaced by 50 able how this simple mode of restraint scratch mixture was replaced by 50 able how this simple mode of restraint

and vertical. The structure should be time Provinces produced in 1923, 2,true and of uniform diameter through- 671,238 pounds of cheese valued at out to facilitate the undisturbed set- \$514,404; Quebec 46,770,556 pounds bread with a cupful of bran added, of mind has computed that a gallon of pen consisted of ten birds, kept con- Horses? struction, such as a bulge or cavity 405 pounds value. at \$18,842,102, and interfering with the settling will show the Prairie Provinces 2,216,058 pounds considerable spoilage at the time when valued at \$438,023. the silage is being removed. If the It will be noticed Quebec manufac-

The outward pressure of the cut fodder during settling is approximate-

At the bottom of a thirty-foot sile, Quebec, Experimental Station, showed the pressure on each square foot that each pig at weaning age had cost baked beans, people sit up and take would be over 300 pounds. A silo ten \$2.29. Four Yorkshire broad sows notice. I baked my beans by the Bosfeet in diameter and thirty feet high were used in the experiment. Each ton method. soaking them overnight will have to stand an outward pressow raised two litters and raised an and starting them on top of the stove do not need the money. Then they in largely for the sake of expected prothersty. Hay dipped in water will keep sure on the lower foot wall of approxi- average of 18.8 pigs, which were wean- when the oven was being used for find that the price per pound drops fits, we would not hear of so many him cool if he cannot have a drink. mately 9,430 pounds. The pressure ed at from six to eight weeks of age. other things. on the tenth section is about 6,600 The feeds used consisted of middlings, pounds, or 210 pounds per foot. These oats, barley, oil meal, tankage, clover nuts, but sour-milk fried cakes. After have brought as broilers when weighpressures indicate that the sile wall hay, roots, and skim-milk, besides pasthat cup cakes—spice, raisin, plain ing two or three pounds. must be strong and secure. Square turage for four months. The par- and chocolate. These I carried in siles failed to be fully efficient, large- ticulars given are from the annual clean boxes, which I got from the Seventy-five per cent. of the world's ience, and until this is directly and rock salt should be kept in the man-

bulging during settling. The bulging left air spaces, and molding followed. The silo is the cheapest and most After the silo had fully settled, there

would occupy but fifty cubic feet of lazy man will lean up against the silo wall or sit down and loaf, letting the The storage of fifty tons of clover cut fodder pile up. With the heavy loafing is generally seen in the mouldy

large-growing dents, but when the sil-Successful silage making depends ages are compared on the digestible chickens close to pie and bread. They which count in a rush.

growing over a vide area.

reached the denting or early glaze an oil stove with an oven.

Canada's Production of Butter and Cheese.

Canada turned out 163,456,759 pened to us only once.

not pack well and surface waste quite pounds valued at \$28,629,366. The average are easier to introduce and surface waste quite pounds valued at \$28,629,366. The average are easier to introduce at the 100 pounds of crushed oats was pound The wall or walls should be smooth compared with 16c in 1922. The Mari-

Cost of Rearing Pigs. A record of the cost of keeping a on the top grate; thus we're able to ly eleven pounds per foot for each foot sow for a year and feed consumed by bake eight loaves at once. herself and litter at the Lennoxville, enough to stand one pressure without Department of Agriculture at Ottown, with plenty of choose.



One of the newest ideas throughout England is the sale of miniature busts of the Prince of Wales, all proceeds to go to Lord Haig's £25,000 campaign for the benefit of British ex-service men.

We Are Lifting Our Mortgage With a Stove Lid

BY MRS. GRACE BATES.

spreading of cut fodder. It, too, should ned when we bought our farm to raise gotten the story about my pigs and chickens and keep five or mother, who was a famous cook.

V. 35. The prolonged labor of the to go at once to one of the priests day before had curtailed Jesus' hours with the offering required in the law During the season of 1920 a very sufficient energy to do an honest day's six cows. We have discovered that Someone said to her:

material as was available at the time; the small stalk varieties of early ma- those articles on the table beside my time. moisture and acid culture were added turing dents for silage purposes. From dressed chickens the thought suddenly in quantity sufficient to control the such, a rich sweet silage can be made.

White bread, rolls, and cookies we think that work can serve as a substi- his message, and he chooses the quietin quantity sufficient to control the such, a rich sweet silage can be made. fermentation processes. A good silage The weight per acre may not be nearly call for their chickens, perhaps I can these good and cheap, and they can think so. Who ever worked as he resulted, the silo having saved the as great as with the late maturing, sell them some bread and pie."

far undersell the private individual. worked? Yet he also prayed, for

tory silos, may be made of wood, ctone, the practice was to grow big corn.

v. 50. Jesus explains that he must scall" of Lev. 13:20-37, was, according brick, monolithic concrete blocks and Little attention was paid to the grain vegetables, and apples ready; I baked to many physicians, some variety of

of any kind which is air-tight. On the complete maturity is the shock. An- up some of our bills. We had borrow- cleanliness is very essential. Vege-

or at the bottom, and often cause prepared for fall wheat, an important June 18th, and in ten weeks we took and we ourselves are clean as to dress of the Kingdom and to lead the souls come open sores. At the same time the factor now that the European corn in \$1,000 in round numbers. We built and person. Bungalow aprons are of men to God. But in the furtherance thickening extends to the mouth and borer has become a menace to corn a screened-in back verandah, and approved apparel, and may always be of this task of leading men to God, he throat, and the voice is reduced to a there we did most of our work, baking neat and clean. The freezing of corn after it has in the kitchen range. We also had One lady became my customer be- to him. In particular, Mark records features of the disease, but sometimes to him. In particular, Mark records features of the disease, but sometimes to him.

crop can be cut up shortly after ple who didn't eat meat on Friday ly object to eating it. freezing. It is always advisable to ordered a quart of baked beans. Somerun the risk of frost, rather than en- how we overlooked this order, and siloing the corn in an immature state. when we got to them, the bean kettle, like Mother Hubbard's cupboard, was age Commissioner, Mr. J. A. Ruddick,

mostly apple and two other kinds one Henceforth shipments of cheese that fourth of September the following that only tying up the hocks will resurface. Low, wide diameter silos with the year before, the total manuare easier to fill and empty, but do factures in 1923 being 151,483,353 season I'm going to have a tinner telligent operator will appreciate a the 100 pounds of crushed oats was —off her real troubles, and how much

Brown bread is next, and this is so simple any child (or man) can make oven, placing them on the bottom first. end is not yet.

A tourist camp near our little farm. I learned that one should make the solitudes outside of the city, pray-has furnished us an idea that is pay- things good, not stint them. Ask ing. This brings us to our present

that's why." Some hikers wanted to know one day We don't try to soak people be hour, while the first faint morning airs V. 45. The healed leper does not reveloping about eight inches of matted corn that give an immense green if we had any chickens for sale. They cause they're tourists. That's piggish were stirring in the leaves. We are main silent, as Jesus commanded, but veloping about eight inches of matted corn that give an immense green if we had any chickens for saie. They cause they re tourists. That's piggissi not told, but we know it must have proclaims his cure far and wide. The green top. In this condition the crop weight of fodder per acre, will, as a said they would call for them next day. green top. In this condition the crop weight of fodder per acre, will, as a state of the seem to be wholly surrendered, to be result is described in the present verse. It may utterly guided by the Father's will, to Jesus cannot enter any of the cities into the silo along with such green dairymen prefer flint varieties and pies the next morning, and when I saw work once, but not often the second be given strength for all that the day for a time. The popular excitement is

I set the stage properly, dressed These take much time and stove room, but prayer.

These take much time and stove room, but prayer.

ars' worth.

In less than a week I could see that like. We feel that this is as legitibute as any husiness. But Jesus had also an engagement to affections of the human body. The

and the hoops are tight, they will keep or butter in a cubic foot of silage unless ordered, because they won't customers and poor friends. We in- Then Jesus tells Peter that it was to ch. 13 includes also psoriasis or Eng-Believe me, we used to sit and look be in need of any article produced on journey, that he came away from What is The greatest quantity of digestible at each other on the way home some the farm in fall or winter, and can Capernaum that morning. Similarly disease that produces commonly, a

Maturing of Cheese.

The Dominion Dairy and Cold Storbare. Suffice it to say, they would in his last News Letter calls attention tion for laying hens was fed for two know how to restrain a cow from kickhave nothing more to do with us dur- to Section 12 of the Regulations under years in succession to birds in the ing, without casting or applying hob-

ping their cheese when only a day or pounds of corn meal, 50 pounds of oil head around more to her side. When

The End is Not Yet.

baked in a loaf. It's delicious and gasoline will milk 300 cows, bale four stantly housed in a shed roofed buildrecommended by doctors. Whenever tons of hay, mix thirty-five cubic feet ing 10 by 12 feet in size. Nearly two-complaining servants? tourists broke camp they usually of concrete, move a one-tun truck thirds of the front of the house conbought a supply to take home. It fourteen miles, plow three-fifths of an sisted of glass and curtains. Hoppers their welfare in our hands? sides or walls are not vertical and tured the most creamery butter and four loaves at a time in a crock, put tricity to keep eight lights going in a vided for each pen. makes wonderful sandwiches. We mix acre of land, and make enough plec- supplied with grit and shell were pro- Will you do all you can to help good them in four pans which just fit the farmhouse for thirty hours. And the

the best methods of advertising gairy production at this time of the year. of hay, 10 lbs. of oats and 8 lbs. of When you say brown bread and products to a discriminating public.

Breeders with early hatched cockerels often hold them too long, espe- poultry was more generally conducted food and water every two hours. It is cially if they have plenty of feed and on business principles, when engaged cruel to keep a hard-working animal until the four and five-pound birds aisgusted or Ladly disappointed breed. See that the manger is kept scrup-

within the British Empire.

The Sunday School Lesson

Jesus Makes a Missionary Tour, Mark 1: 3545. Gold. Text-Thou caust make me clean. Mark 1: 40.

I. JESUS THE MAN OF PRAYER, 35-38. as they still do in Chira and in many II. JESUS THE GREAT PHYSICIAN, 39-45. other heathen countries. Whenever, INTRODUCTION—Mark 1:21-24 contains the record of a whole day's work of Jesus. The scene is Capernaum; Jesus spent in that city. In the morn Jesus spent in that city. In the morning Jesus attended the synagogue and taught. At midday, Jesus leaves the synagogue, and going to the house of love and power to save. Mark sees in Simon and Andrew heals the mother-Simon and Andrew, heals the mother these conquests of the terrors inspired in-law of Simon. At sunset, extra-ordinary scenes are witnessed in the of Jesus' Messiahship. Working all day" is the title that how Jesus cleansed a leper. Strictly

Anxiously Peter and his companions does not even hesitate to touch the go in search of Jesus, and find him in leper. He knew it to be God's will that

six cows. We have discovered that Someone said to her:
there is real money in selling good "Why is it, Mrs. Blank, that your light, he leaves the city for the solitude He was to do this "at a testimony to where he can find a time and place for them," that is, to show that he is Ged. He must pray in order to fit him- cured, or to show that he is a prohe ask on bended knee in that dim 5:8.) might ask of him. Men sometimes too great for men to listen calmly to

One should have a variety. It takes to Peter and his friends, that Jesus several distinct maladies. Setting So the idea was born. The next day some time to sell one thing. One can should absent himself when all the aside the leprosy of the house (Lev.

yield, and much poor silage resulted a quantity of food; and away we went as profit. We meet strangers, get ac-Generally speaking, wooden siles from the twelve to fourteen-foot stalks at ten o'clock. We have adhered to quainted, try to give them a good cpinmen, not to heal their bodies. The that went into the sile without the that hour ever since—ten o'clock every ion of our locality and make many stime is short, and the message of the that hour ever since—ten o'clock every ion of our locality and make many stime is short, and the message of the Kingdom is urgent. He must go on classes are affected by lencodermia or than the others. Wooden silos when standing empty dry out. If before they are filled they receive attention, strated that there is more milk, beef they are filled they receive attention, strated that there is more milk, beef they won't they are filled they receive attention, strated that there is more milk, beef they won't they won't they are filled they receive attention, strated that there is more milk, beef they won't they tight. Silos made of other materials, dry matter is obtained from a corn if properly constructed, are always of matter is obtained from a corn days when our sales amounted to dispose of our winter products in this prayer before he chooses his twelve as the eyebrows, the sides of the nose,

when air enters the sile at the sides maturing varieties is that such can well washed, food containers are dust now visits the synagogues of Galilee, affected and parts fall off, while lumps or at the bottom, and often cause be ensilaged in September and the land summer was the second. We started and fly-proof and clean on the outside, His task is to proclaim the nearness on parts exposed to rubbing often because the first bake-lady who came that he cast out "demons." It was they are entirely absent. What is stage, does not materially injure it When we took orders we scrupulous- along had dirty finger-nails. People entered into people, and produced denerves of the skin cease to act, he matured crops are put in. Spoilage so far as silage making goes, if the ly filled them—all but once. Some peo- may be made of dirt, but they serious- rangement of mind, convulsions, hys- loses his sensibility, and there is a Men lived in terror of these demons, efficiency of the organism.

might appropriately be given to the picture of Jesus in these verses of leave his section and to appear are leave his seclusion and to appear am-But the next morning, when the crowds reappear, Jesus is gone. The streets are again thronged with people waiting with their sick, but the Healer is nowhere to be found.

The sectusion and to appear anti-ong men. But necessity in this case knows no law. The laper flings him self at the feet of Jesus, crying, "If thou art only willing, thou canst make the clean." It shows the wonderful nity of Jesus that at this memory here.

that possession by denions had taken

Vs. 43, 44. But Jesus sternly charges

"Because I put good things in it; self for the day before him. What did phet of God in Israel. (See 2 Kings

We use the word "leprosy" for a Biblical writers, even in the Lew Vs. 36, 37. It seemed extraordinary (Lev. chs. 13, 14) used the term for

Silage will keep perfectly in a silo to cut for husking, ripe enough to high as twenty. We soon began to pay I mustn't omit to mention that II. JESUS THE GREAT PHYSICIAN, 39-45. thickening gives to the hands and feet of any kind which is air-tight. On the other hand, spoilage always results other advantage in growing earlier tables are severely scrubbed, eggs tables are severely scrubbed, eggs extent of this journey, in which Jesus the joints of the fingers and toes are well washed food containers are dust extent of this journey, in which Jesus the joints of the fingers and toes are heals whenever the sick are brought husky whisper. These are the obvious terical cries, and spiritual distress profound lowering of the vitality and

Rations for Laving Hens.

ing their stay. Fortunately this hapthe Dairy Produce Act which reads: Egg-laying Contest conducted at the bles or chains. When a cow gets a of bonemeal. The green feed used dur- her frightened or stubborn. ing the winter months consisted of mangels. while in the spring months

> Green feed fresh from the nelds in treatment. late summer and early fall helps to He needs three meals a day. A Cleaning up dairy herds is one of prevent the usual decrease in dairy troop-horse's daily ration is 12 lbs.

If the breeding of thoroughbred When he is working hard he needs will never be attained.

Restraint for a Cow.

Hints About Horses. Do we owe a debt of gratitude to

Are they not faithful, obedient, un-

and regular meals, a good stable and bed, careful grooming and sensible

straw.

Next come fried cakes not dough- bring no more money than they would ers. A large proportion of the be- ulously clean. Horses are extremely amount of self-conceit and false ideas their food if there is dust in the reand a very small amount of exper- maining portion of it. A pière of ly because they were not built stiff report of the Station, issued by the store. Then macaroni and cheese, yield of gold in 1923 was produced completely reversed, success and profit ger. The horse enjoys it, it does gold in 1923 was produced completely reversed, success and profit ger. and promotes appetite.