Efficient Farming

It is significant that some of this machinery brought more at public auction and after many years of use, than it cost Stein in the beginning. Most of the machinery was purchas by neighbors who knew what they were buying. They knew that Stein always took the best kind of care of all his equipment, and the principal care he gave his farm machinery was shelter and plenty of oil.

In these days of high-priced building material it might not be advisable to rush headlong into the construction an elaborate implement shed, although it might very well prove a prothere are a great many places where farm machinery can be sheltered if just a little thought and consideration given to the problem.

Very few barns are so designed that utilized for machinery storage. A lit-

a grain drill or a mowing machine, than a utilization of waste s Perhaps only one machine is stored in several of the farm buildings. a space which might well accommodate tongues in place can be replaced in can easily get fifty per cent. more their respective places, the nuts turned on loosely and a tag, labelling from

production.

ounce each.

perament.

will cost more.

loudey keeping.

ably, but mature too early. An early-

tle over three months old. The first

market value and weighed about an

A good producing hen will have

active busy hens have the laying tem-

pigment, showing that they are re-

three to six years more life from them.

Dipping in the ereosote is better, but

Artificial light in the hen house is

not a new idea. Early in the nine-

teenth century Spanish farmers tried

digging into an old Spanish book on

The hens should hold the

Fertility at \$100 a Barrel.

a bacterial preparation was put on the market by a Toronto firm. Extrava-Cold weather is not a handicap to gant claims were made regarding the egg production as it stimulates the apbenefits to be derived from the use of petite and a hen, to lay heavily, must this preparations as a crop improver be a heavy feeder. Endurance is necwhen applied to the soil. Requests essary to stand up under the heavy from farmers, agricultural represenfeeding and make a good record for tatives and newspaper publishers were the year. The average hen of the received asking for an opinion regardheavy breeds goes broody four times ing the claims made. In order to comper year and some may go broody nine ply with these requests it was neces-A hen loses twenty days, or sary for the Bacteriology Dept. of the about a dozen eggs, every time she O. A. College to make a bacteriological and chemical analysis of a sample of goes broody.

The four-finger spread means that the preparation. This was done, with the overy of the hen is functioning the following findings: Chemical tests showed no ammonia, no nitrite and no nitrate present. Bacterial cultures on various solid media showed various decomposition bacteria and moulds to showed ammonification as a result of the action of the decomposition baction nor any nitrogen fixation even the Vineland Experiment Station on this box. When you want to transact Crow-headed birds may be caused some crop plots. The report from business you know exactly where to by close breeding, over-crowding, or these tests at Vineland shows that go for your papers. poor feeding. They throw slow feath-

"wonder working preparations" for worry about your documents. If some status. No matter how fresh and at-

sixty eggs she produced were without Apply to Ontario Agricultural

The Bacteriology Dept. of the On-tario Agricultural College offers full waxy skin on the face and the eye will service to the farmers of Ontario durshow femininity and character. An ing 1925. age of from five to six and a half months is about right for laying. The

to draw on their reserves to produce Several hundred morbid specimens of poultry, animals, plants and mis-Peel, air-dry and paint the lower cellaneous samples such as milk, ends of wood fence-posts with two cheese, butter, bee combs, preserves, coats of hot creosote and get from soils, silage, etc., were received by the Department and reported on. Eightyfive samples of farm well water were examined of which seventy were con-

When adding medicine to the drinking water for hens, do not use metal lantern-light to increase egg produc-tion, an American writer found by celain lined. Earthenware water dishes are cheap and always prefer-

A story recently fittered in of an auction sale when a grain dri. which had been in use for thirty years sold for \$41. A neighbor of the family holding the sale bought the drill. He had used it and knew that it was well worth the money.

That machine had never been allowed to stand around in the field or in the barnyard. It had always been kept under cover.

At the same sale, which was held by the widow of the late Charles Stein, a twenty-four-year-old corn binder sold for \$99; a two-bottom gang plow which had seen fifteen years of service brought \$45; a nineteen-year-old fanning mill sold for \$26; a twenty-five-year-old side delivery hay rake sold for \$50; a twenty-seven-year-old hay loader sold for \$37, and this way one will encounter the loose

rake sold for \$50; a twenty-seven-year-old hay loader sold for \$37, and the old family car which had been in use for nine years brought \$100.

nuts drawn up tight if the implements are taken apart occasionally, for in this way one will encounter the loose bolts, whereas, if the machines are bolts, whereas, if the machines are never given an inspection, bolts will drop out completely and become lost and sooner or later make their lack known by a serious smash-up.

I recall a visit I made to a farmer at one time. This man had no real of his machinery apart every winter and gave it a thorough overhauling and a coat of paint. He found it much easier to paint the various parts than to paint the machine intact, and he was using old machinery which his father had used years before.

He took all of his wagons apart onc a year and soaked the felloes and hubs in hot linseed oid for several hours. fitable investment if there is very He painted the tongues and double-much machinery to be housed. But trees with hot oil and stored them among the rafters in his shop. His equipment was like new. The wagor boxes were given an annual scrubbing and a coat of varnish, and one old wagon that he had used for nineteen there is absolutely no waste space. years still bore the name of the wagon Much of this waste space might be and the dealer from whom he had purchased it. The wagon would have tle work in preparing the machinery brought considerably more than he for storage may be necessary, but gave for it nineteen years before. It much can be done along this line. Aisles and alleyways in barns and and shelter had made that possible. granaries are often used for storing And the shelter had been nothing more than a utilization of waste space in

Let us use more of this space on three to four if they were properly which we are paying interest and rent, stored. It isn't much of a job to remove the tongue from a mower or a it or not, and that space can be made grain drill and then move them up to return good dividends in longer life closely together. The space taken up and more efficiency in our farm equipby the tongue of a mower will very ment. Few of us ever get out of a easily accommodate a grain drill and farm implement all of the value that a hay rake. The bolts holding the the manufacturer builds into it. We

and Canadian tour.

to his abstract of title.

WHERE TO KEEP

VALUABLE PAPERS

A farmer who is rated as more than

ordinarily intelligent and progressive

ting a loan. He was buying an adjoin-

ing farm and needed a few thousand dollars. As he was in a hurry for

box at the bank, along with your bonds and securities. Even if you after six weeks' cultivation. In ad- have no bonds, it pays to put your paration, plot tests were conducted at should make a will, should also be in

money in their pockets until values row money on real estate you can any are demonstrated by the Agricultural your hands on your abstract at once.

Don't put it off. Begin to-day to the line.

Miss Christabel Pankhurst, of London, internationally known orator as

the money, my first question was as He scratched his head in despair. "It's somewhere about home, but where?" was his ejaculation. "Blamed if I know. I'll ask Mary."
From the delay, he and Mary must

given to deeds, mortgages, contracts, abstracts, notes and returned cheques, is hard for me to figure out. The very least every farmer ought to do is to encase each and every valuable document separately in a stout manile envelope and write on the outside what it contains. Of course, this is no precaution against fire or theft, but it does enable other members of the family to recognize at a glance that this is no paper to be burned at houses.

Better still is a tin box that rate and mice can not invade. Any kinds of the box and mice can not invade. Any kinds of the box some air-holes in the lid to prevent mustiness in damp weather. Such boxes are made especially for legal papers.

SAFETY DEPOSIT BOXES.

There is a very large and unsatisfied demand for a cheese of good quality weighing from five to ten pounds. This has been abundantly demonstrated at the Finch Dairy Station, points out that we some all their worldly hopes and expectations. Pride and self-seeking have wise. But to-day the vine is not cultivate in the lid to consumers the self-sheeks of the sample of the kingdom, has smitten to earth object now as simple cross and the spiritual nature of the kingdom, has smitten to earth object now as the spiritual nature of the kingdom, has smitten to earth of the kingdom, has smitten to earth object now as spiring), and wine and oil (from the off the kingdom, has smitten to earth object now as spiring), and wine and oil (from the ingular tree and self-seeking have wise. But to-day the vine is not cultivated at the Finch Dairy Station, has smitten to earth object now as spiring), and wine and oil (from the first the worldly hopes and expectations of the kingdom, has smitten to earth object now as simple cross and the spiritual nature of the kingdom, has smitten to earth object now have some all their worldly hopes and expectations. Pride and self-seeking have wise. But to-day the vine is not cultivated to the kingdom, has smitten to earth object now have wise. But to-day the vine is not cultivated to the kingdom a cold curing room is available. The Finch Station found no difficulty in obtaining from three to five cents a for a cheese of the Cheddar type. Dr. Ruddick believes that there is an op-portunity for owners of many faccories to very considerably increase their revenue by going into the making of this class of cheese

The dirty egg is more or less an outcast, with no hope of improving its status. No matter how fresh and atvalues row money on real estate you can lay is in bad repute with the local buyer, and the stigma holds fast all along

pound more than the current prices

FEBRUARY 1

The Sunday School Lesson

The Vine and the Branches, John 15: 1-27. Golden Text

He that abideth in me, and I in him, the same bringeth forth much fruit.—John 15: 5.

ternationally known orator and in the same brings, and I in him, the same brings with the first stop in an American in policies, contracts, notes, and the followers of the lings what sover I have commanded you, and, lo, I am with your sylven widow and children case. Get together your in policies, contracts, notes, and sayes that so the special contracts, notes, and saye that so the main state of the world." We may take the pregent and way have to settle up your estate in the Old Testament the figure of the vine are total and the Branches or tendrice of the will live in him. As we might say, using modern language, the Church stands in organic relation to the living Lord. In Matthew 28:18-21 the last commission of Jesus to his disciples in the words: "All power is given unto me, in heaven and in earth of the mission of Jesus to his disciples will be to maintain an unclouded sense of the Saviour's language, the Church stands in organic relation to the living Lord. In Matthew 28:18-21 the last commission of Jesus to his disciples of the living Lord. In Matthew 28:18-21 the last commission of Jesus to his disciples of the followers of Jesus give evidence of faithful service, and the branches of the living Lord. In Matthew 28:18-21 the last commission of Jesus to his disciples will be to maintain an unclouded sense of the Saviour's language, the Church stands in organic relation to the living Lord. In Matthew 28:18-21 the last commission of Jesus to his disciples will be to maintain an unclouded sense of the Saviour's language will be to maintain an unclouded sense of the Saviour's language will be to maintain an unclouded sense of the Saviour's language will be to prove the world." We may take the pregent as a vine-shoot which God has brought the language works of warning and checked when the faithful disciples. Christ has goken these words of warning and checked when the faithful disciples will be to faithful disciples. The faithful disciples will be to faithful disciples will be to faithful disciples. The faithful

Bible lecturer, is now in New York, which is her first stop in an American

allegory of the Vine and the Branches as unfolding to us what is involved in that case. Get together your insurance policies, contracts, notes, mortgages, accounts, bonds, abstracts, deeds and all other valuable papers and make them safe. You will never reget it, and you may be thankful all the rest of your life for the few minutes' work.—H. B.

Fowls Must Be Rugged.

Constitutional vigor is the natural inheritance of all fowls, unless they have been enfeebled by injudicious breeding. Constitutional vigor may be maintained by selecting the strongest, healthiest and hardiest birds for breeders in spring, and by killing off the work and you may by killing off the work and you may be killing off the wine is often used to picture the special relation of Israel to God. Israel is off of Israel to God. Israel is a vine-shoot which God has brought from Egypt, and planted in the Holy Land for his own gracious purposes, Psalm 80:8-19. Israel is God's experience the joy of the disciples. Christ has spoken these words of warning and encouragement in order that his follows the joy of the disciples. Christ has spoken these words of warning and the propose of the vine is often used to picture the special relation of Israel to God. Israel is god.

where?" was his ejaculation. "Blamed if I know. I'll ask Mary."

From the delay, he and Mary must have been on a par about knowledge of their possessions, for it was not to be found and a new one had to be made in a hurry. A valuable-docton ment costing perhaps \$50 had been mislaid hopelessly.

There are people who come in with rat-cheed, rain-beaten, pocket-sold, tattered legal documents, and unblushing the standard of uniformity and the set of the conclination of the set of the conclination of the set of the real faithfulness which God seeks whose time is valuable, to decipher. One client took from a dirty pecket a tobacco-stained document and without apology thrust it into the hands of the abstracter.

The abstracter was an elderly man, with falling eyesight and it was almost impossible to erase enough of the set of the word with the dirt to get the right meaning.

Just why a little more care is not given to deeds, mortgages, contracts, abstracts, notes and returned cheques, abstracts, notes and returned cheques is hard for me to figure and to was a left of the second ment of the seal of the second ment of

The Finch Dairy Station.

the Dominion Dept. of Agriculture and operated under the direction of the Dairy Commissioner, has been disposed of and will no longer be operated as a government factory. station, acquired in 1912, it is believed has fulfilled its mission of demonstrating the advantages of a wellconducted factory, equipped to take advantage of the best market for cheese, butter, milk and cream. During its years of operation many experiments and investigations relating periments and investigations relating to the manufacture of butter and cheese were carried out. New processes and explicates where deeper and explicates are described by the states of New 2000 and 2000 are stated by the states of New 2000 and 2000 are stated by the states of New 2000 are stated by the stat cesses and appliances were demonstrated and the dairying industry of the district in which it was situated has been greatly improved.

mental planting is as important as the compensation to another factory in others. Not only does it add valce the neighborhood that was closed, and cost, but it tends to the enjoyment of and maintenance account either for a picnic in the dead of winter, and got a fuller life, for who does not enjoy ordinary operation or for experiment- a lot of fun out of it. The spot they

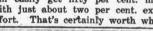
selling of cream and a little later time for their picnic; but ricks are men's catalogue to find out when and milk also was sold. The receipts of in order most any time of 'he year, milk the first year amounted to alf we set out about it.

little over two million pounds. The Finch Dairy Station, owned by pounds had been received, and last 1919, almost five and a half million year, 1924, no less than 11.318.616 pounds of milk were handled. During the thirteen years of operation the output of the station was 1.519.828 pounds of cheese, 252,382 pounds of butter, 1,343,882 pounds of cream, and 3,525,305 pounds of whole milk. total amount of money paid to the patrons during this time was \$1,-087,240,98.

A Serious Poultry Disease.

In announcing the transfer of this mal-Contagious Diseases Act to proplant to private ownership, Mr. J. A. hibit the importation into Canada of Ruddick, the Dairy and Cold Storage live chickens, turkeys and geese from Commissioner, stated that the station these states unless accompanied by a from the beginning to the end has cost certificate from an officer of the Unover before taking action. It is at the country not a single cent and its ited States Bureau of Animal Industo plan for the planting, whether it be good. The accounting during all these by such certificates are free from this as he has a bit of ground a rew rods to plan for the planting, whether it be good. The accounting during all these by such certificates are free from this in extent and sunlight four or more grain in the fields, vegetable seeds in years has charged the institution with or similar contagious diseases poul-

selected was down on the creek, and tion to the commendation of admiring The factory began in 1912 with the the ice was a foot thick. Before they



In the early months of the past year

two-finger spread indicates the bird is not laying, but may produce later. Some crow-headed birds will lay at a profit, while others lack constitutional vigor. The skull of a good be numerous; nitrifying bacteria, layer is flat on top when the bird is viewed from the front. Hens with Chemical tests of cultures made in the masculine heads should be culled out. necessary specific liquid culture media Good layers are flat-backed, with deep, flat ribs and they are close The close feathered birds teria but no nitrite nor nitrate formaare ant to be late moulters. A hen may moult a primary feather for each broody period. Up to September first ditton to the laboratory, test which you can count the new feathers and was anything but favorable to the pre-

plots receiving no treatment did as well as those that were treated.

Farmers are advised to leave all they catch fire, you will not have to ering chicks, which means low winter production. That means low annual Over-refined birds lose eight rapidly, they often lay profitmaturing Barred Rock pullet at the college plant began laying when a lit-

College.

During 1924 the Bacteriology Dept. sent out to farmer applicants legume inoculations to the amount of 6,458. Lactic culture starters to the ceiving plenty of feed and do not have amount of 189 were sent out to creameries

demned for pollution.

ORNAMENTING THE HOME GROUNDS

Whether one lives in a plain frame reach a conclusion quickly and act house or a more pretentious dwelling, under the impulse, and their homes he can have a very attractive home by planting the grounds with either flowers, shrubs or trees, or a combination of these. Nor does one need a large property to get good effects so long this season one has time to reflect and final disposal leaves a balance to the try, to the effect that the birds covered as he has a bit of ground a few rods to plan for the planting, whether it be good. The accounting during all these hours in the day. No one questions the garden, or ornamentals for home the advantages of a well planted home embellishment. In a bread sense ornapaid for the two old factories, the and few are satisfied with a bare unattractive property, but the planting season goes by year by year and no- to the property far in excess of the every item of expense on both capital

The men in a certain township had thing is done to make improvement, cost, but it tends to the enjoyment of and maintenance account either for a picnic in the dead of winter and got When the summer arrives and one's neighbors have fine shows of flowers, beauty for itself nor respond in emo- al work. admired alike by themselves and those who stop to take a peep, it is as use less to regret one's oversight as if a study of the horticultural reports and small amount of butter. The following stored away ice enough to last all selling crop had been emitted in the bulletins for a knowledge of plants, year a beginning was made in the who stop to take a peep, it is as useselling crop had been emitted in the bulletins for a knowledge of plants, planting. The planting has to be done shrubs and trees, and of the nursery-

usually show the result by effective decorative planting. Most of us, on the other hand, must think the matter mental planting is as important as the in spring or fall to get results desired. Men's catalogue to find out when and Some persons, it must be admitted, how the best things may be obtained.