Efficient Farming

If you have not already practiced complete cleaning of your poultry house in the fall, make a resolution

to do so this year. Here are the steps which must be accomplished in a complete renovation and cleaning of the house:

The first step is to remove perches dropping boards, hoppers, drinking vessels and equipment of like nature. These should be taken out of doors in the sun for later cleaning and disin-

The next step is to remove all litter from the house. There are a number of ways of accomplishing this effec

If the manure spreader can be backed up to the house and the manure loaded and hauled out on the meadow and spread broadcast, it is the quick est, cheapest and most effective of getting rid of this material.

In the first place, the litter is rich in poultry manure and nitrogen, and will show up in an increased yield of hay the following season. In small flocks where equipment is not available the litter should be bagged in and spread on the land just as soon

After having removed all fixtures and litter, the next step is to dry-clean the house. This involves the If carefully studied it will give the sweeping of the walls, ceiling and the key to many little ways of increasing entire floor carefully and completely the yearly returns. in order to eliminate all accumulations of dirt, cobwebs and other accumulat

This must be done in considerable detail to be sure to get in all cracks and crevices, and considerable pressure on the broom will sweep much of the dirt and filth which other-

wise would be overlooked.

Pains should be taken to see that dirt is gotten out of the corners and around studding, in order to get the house just as clean as possible. Mus-lin curtains should be beaten and swept to get all the dirt out of them. This step in the cleaning of the average poultry house is often neglected

Best Way to Disinfect-Next come the most important step in the fall housecleaning. That includes the complete disinfection of the interior of the house. This should preferably be done with a spray, although in small poultry houses it can be brushed on with paint or whitewash brushes.

The sprayer, however, puts the dis-infectant solution on with force, gets in cracks and crevices where the brush application would not be so effective. other hole for another charge at least Where one has spraying apparatus for fruit trees on the farm, there is nothing better than this equipment hole.

For the average poultry outfit a barrel sprayer with about twenty-five or thirty foot lead of hose is very satisfactory.

For coarse sprays with which there may be mixed whitewash solutions containing lime, there is nothing bet ter than a Bordeaux nozzle, for it can be so quickly and easily cleaned and the coarseness of the spray can be so readily changed.

For fine disinfecting sprays a whirling spray nozzle is always the most efficient, because it puts the spray on with great force and more or less as a mist, bringing about more equal distribution of the solution on the walls of the house.

Whatever type of spraying outfit is used, considerable pressure should be back of the spray in order to force it into the boards and cracks about the

It is a common practice, and right by so, to include in the disinfecting solution a whitewash mixture of lime and certain adhesive compounds, not only to cleanse the house but to whiten It up and give it an extremely neat and attractive appearance.

A Henhouse Whitewash-There are great many combinations of mixtures which can be used and many of them are effective, but for one who wishes to use a simple, easily mixed whitewash spray which sticks perfect ly to the house and which carries with it powerful disinfecting properties, there is probably none superior to the following mixture: Hydrated lime, one-half bag; common table salt, six pounds; molasses, one pint; ground alum, three ounces; and hot water,

Add one quart of some good disin-

nt beauty of the above formula is the fact that the hydrated lime does

Considering the small amount of that you can do which will yield a greater return in the direction of improvements in the poultry enterprise In no other way can accurate com-parison be made of one year's results

with another's.

A record of past accomplishment serves to make the daily care of the flock much more interesting, for one is then constantly striving to better the previous year's record. The satisfaction that comes from gathering on Thanksgiving Day 10 or 15 per cent. more eggs than the flock laid one year before can be appreciated only by one who has actually experienced it.

In a few years one will be able to establish, by means of the daily egg record, a sort of standard for his strain of hens and his particular conlarge burlap bags and hauled away the flock is measuring up at any particular time.

Similarly, the income and expense record gives a measure in dollars of and litter, the next step is to dry- the progress of the poultry enterprise.

Dynamite "Don'ts"

The list should be memorized by any one who uses explosives. Before handling any dynamite, glance over this list to refresh your memory: Don't smoke while handling explo-

ives and don't work with them near a light.

Don't leave explosives where stock can get at them. Cattle like the taste of soda and saltpeter, but other in-gredients might make them ill or even

kill them. Don't tamp in a charge with

metal bar.

Don't be in too big a hurry to rhy a charge didn't explode. Don't use chilled or frozen power

ful explosives. Don't cut or break a frozen car tridge.

Don't carry blasting caps in your nocket. Don't try to remove the wires from

an electric blasting cap.

Don't dig out a hole that holds a charge that failed to go off. Dig antwo feet distant. Don't force a primer into a bore

How to Fail in Dairying.

Don't keep records; you will have have for dinner problem has been talk to your family. to figure and think. This is hard solved that I welcome the approach Another bit of wor

Let the cows go dry in winter: it is to serve a trite holiday meal any more and the filling of sugar bowls and salt ard to milk by lantern light. than a man desires to eat one. Some- and pepper shakers. These are de-Feed the cows straw instead of thing out of the ordinary, but strictly tails, I know, but they cause hurry

bedding them with it. Then you can in keeping with the occasion, is in and worry if left undone too long. sell hay.

order. And I always try to select sev-Don't use balance! rations. Don't eral dishes which may be prepared be-traditional Thanksgiving Day desserts, have a silo. Don't use legume hay. fore the festive day arrives.

Keep a scrub bull. Have a fork handle ready to teach the cows their place. Keep 20 150-pound cows instead of ten 300



Ugly Enough to Win. Ethel-"My dear, she's a scream!" Eve-"Yes; almost homely enough

been studying sales ever since the time arrived when he could not readily sell all the things he could produce. The time arrived when he could produce pumpkins cut from orange peel for I found several dishes that have been With an increase in the facility of decoration. One year I inserted yel-producing goods there has been an in-lowish candles in apples of the same Thanksgiving days. I am passing crease in competition and men have shade, and grouped these around a some of them on to you with special had to struggle to get the consumer to small pumpkin in which four large recommendations for those which can buy their goods instead of those of candles were placed. Of course, color- be made ready in advance. competitors. Unless proper selling ful autumn leaves and flowers are methods are followed one is apt to charming. The chief thing to rememfind that his competitors get all the ber is to keep whatever decoration you

FOR HOME AND COUNTRY

poultry flock record this year, even if it is nothing more than a daily record find out his tastes and talents, train of egg production. Better still, keep a record of receipts and expenses as well.

him, and then help him to find his right vocation in life," said Principal Williams of the new Technical School in an illuminative address at the time required to keep a simple record close of which a committee was form-of this sort, there is probably nothing the boys and young men of the rural districts.

"Pure water and good milk are most important factors in good health for individual and community. Chlorinate the water and pasteurize the milk if you have any doubts as to the existence of typhoid or other disease producing germs in either," said Medical Health Officer Dr. A. S. Mc-Caig in a very practical talk.

"Use fresh vegetables and fruit, get plenty of fresh air in the sleeping rooms. We are reducing tuberculosis and can still further reduce it by right living and treatment in the early stages

"Cancer is not hereditary. It can be successfully treated with surgery, X-rays and radium, if taken in time ditions. A glance at the standard Watch all lumps or sores which do when collecting eggs will show how no heal and have them attended to promptly."

"The Women's Institutes of Ontario are the first attempt made by a people to set up a State Department of Home-making and Community building, and Miss Emily J. Guest of the Dept. of Agriculture, Toronto. "They represent something very fundament all in nation-building—the understanding co-operation of the man and the woman in the home, the co-operation of the man and the woman in the home, the co-operation of the community with each other, with the school, with the farmers' organizations in the Branch Institute, and the co-operation of the college, the departments of State and the Government through the Institutes Branch of the Dept. of Agriculture of each province."

In their mutual help program the Institute begins with a study of the improvement of the individual, the home and then the community; how to achieve 100 per cent. efficiency in M. J. Nixon, Convention Chairman.

Getting the best in and for your own to food. They have come the long journey without making any provision for bodily necessities. Jesus asks Philip how they are to obtain bread for all these many mouths. The question is not due to any perplexity on Jesus' hart Jesus now means to do. Philip answers by saying that the total resources of the disciples amount only to 200 denarii (that is about \$45), and that even this amount spent on bread would not be sufficient to provide a meal for the whole company. Apart from Jesus, therefore, the eximption of the individual, the home and then the community; how to achieve 100 per cent. efficiency in M. J. Nixon, Convention Chairman. Home-making and Community building," said Miss Emily J. Guest of the

home and then the community; how to there in your patriotic work.—M achieve 100 per cent. efficiency in M. J. Nixon, Convention Chairman. health through proper feeding, cloth-ing, rest, recreation; in work by trainof the laws and how we are governed, with surveys of the legislation passed by each government; in economics by the study of production, preparation for market, markets, fair rewards for work, and wise expenditure.

The rural women had made great advances in the last ten years. In the Island.

guired little work at the last minute.

to say it, but I venture you will agree that it is mighty difficult to be thank-

ful for a meal if you have to spend all

the morning before it is to be eaten

cookstove. It is much more fun to

nuts, shine red apples, and pop corn.

FIRST PREPARATIONS.

do not need washing.

in the kitchen over a hot, steaming age.

FOOD I SERVE ON THANKSGIVING

of Thanksgiving. No woman wants forehand is the polishing of the silver

As I recall the feasts I've made after the taste is considered, is that

ready in my home, I find that the pleasantest ones were those which re-

durred little work at the last minute.

Maybe I should not be boldd enough or the cake every year in large enough quantities for Thanksgiving, Christ-

help the children set the table, crack pork, I like to start with a hot oven,

are made. Usually I choose a basket minutes. If water is used before this,

or dish filled with red and yellow ap- it steams and stews the meat, and

to be used, making certain that they then lower it to 324 degrees.

The Sault Convention.

Cleaning Poultry Houses—Many lime, but goes into solution readily poultrymen experience year after year continued losses from some of the most common poultry diseases, especially those that are of an infectious type, such as chicken pox, roup and canker.

Many of these same poultrymen could absolutely eliminate these diseases if they would but pay greater and more constant attention to questions of sanitation.

Though sanitation and cleanliness are important throughout the year there is no time when they are more important than in the fall.

Too many poultrymen proceed in the manner of careless housekeepers who sweep the floor by brushing the dirt under the stove or furniture. Such haphazard methods are really worse than nothing, because they offer the birds absolutely no protection or freedom from the germs of infectious in feedom from the germs of infectious in the continued to the floor should be into the covered with four to six inches of soil straw litter, and the nests should be incovered with four to six inches of soil straw litter, and the nests should be incovered with four to six inches of soil straw litter, and the nests should be incovered with four to six inches of soil straw litter, and the nests should be incovered with four to six inches of soil straw litter, and the nests should be ready to the filled to a depth of one or two inches with clean shavings.

The house is a solution and replaced in the house has dried out the floor should be washed outside and in. Any broken equipment of interest in the fill.

Too many poultrymen proceed in the house has dried out the floor should be washed outside and in. Any broken equipment of interest in the floor should be washed outside and in. Any broken equipment of interest in the floor should be repaired, and after the house has dried out the floor should be washed outside and in. Any broken equipment of interest in the floor should be washed outside and in. Any broken equipment of interest in the floor should be washed outside and in. Any broken equipment

The Institutes are very helpful with the follow-up work in Immigration and ing and the exchange of useful ex-periences; in citizenship by studies comers part of the neighborhood life. -Policewoman and immigration worker Stark.

Hilton Beach had no further use for a jail after prohibition passed, so we turned it into a public library, which the Institute helps to support. -Mrs. P. MacDougall, St. Joseph's

Another bit of work I attend to be

and the next best thing about them.

home is to make either the pudding

mas, and New Year's days. If stored

in a tghtly covered stone jar, both

the pudding and cake improve with

In cooking poultry, game, and fresh

gins to brown I lower the heat and

APPLE TREAT.

sugar, 1 lemon.

complete the cooking very slowly.

The Sunday School Lesson

NOVEMBER 9

The Feeding of the Five Thou sand, John 6: 1-15. Golden Text. I. am the bread of life. John 6: 35.

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Text.—I. am the bread
of life.—John 6: 35.

AMATURE.

AMAINES.

AMAYES.

This is the only miracle recorded by all four evangelists. It must consequently have been of very great importance as to immediate purpose and spiritual significance. What do we learn from this wonderful story?

How human in his sympathies was the Lord Jesus Christ. He had such a passion for human souls that we are far too apt to think he cared about

bread would not be sufficient to provide a meal for the whole company. Apart from Jesus, therefore, the existing provision of bread is totally inadequate.

II. MAN LIVES BY THE WORD OF GOD IN CHRIST, 8-15.

Vs. 8-10. Here now is Jesus' opportunity. It is reported by Andrew that the existing provision, which is in the hands of the serving-man, amounts to five barley cakes and two fishes. Jesus asks the disciples without further delay, to command the

fully to the serving dish. Just before bake in a moderate oven. serving, top generously with whipped ed with It is not until after the what-to- have to peek over and around it to red cranberry jelly.

Select a small ham and scrape with a case knife; then scrub vigorously add the broken nut meats and diced with a small, stiff-bristled brush, dip- pineapple. Stir in the whipped cream, ping this in hot water. Wash the ham and serve very cold on lettuce leaves. in warm water and cover it with cold This salad may be made a day before water, letting it soak in this over- being used if left in a cold place overnight. In the morning drain off the night. water and rinse the meat in cool water. Place it in a large kettle and add enough cold water to cover by two inches. Bring slowly to the boiling point, and add six whole black peppercorns, one small pod of red pepper, apples, 1 cup celery, ½ cup nuts. Soak the gelatin in the cold w simmer, adding more water as is necessary to keep the ham covered, until ing water. Add the lemon juice and the meat is so tender that a fork may sugar. When the mixture begins to be inserted in it easily.

but let the ham remain in the water and just as soon as the meat be- in which it is cooked until it is cold. and the broken nut meats. Turn into and off the surplus fat. Return the ham I always decide on my menu a week or two beforehand. At the same time over the meat in the oven when it registers are not over it. If one wishes, we have the meat in the oven when it registers are not over it. If one wishes, we have the meat in the oven when it registers are not over it. If one wishes, we have the meat in the oven when it registers are not over it. when it registers 400 deg. F., and then lower it to 324 degrees.

In the lower it to 324 degrees.

When it registers 400 deg. F., and then lower it to 324 degrees.

Then plans for the table centreplece the meat or poultry has cooked thirty are made. Usually I choose a basket minutes. If water is used before this, sprinkle it with brown sugar and fine the meat or poultry has cooked thirty sprinkle it with brown sugar and fine the cup molasses, the sprinkle it with brown sugar and fine the cup butter, the meat or poultry has cooked thirty sprinkle it with brown sugar and fine the cup butter, the cup b bread crumbs, equal portions of which tract, 2 eggs, 1/2 cup milk, 2 cups flour, owin in a beauty show."

ples, russet pears, grapes, or any fruit that is available; other times I prefer to use a large cake, which is to be extracts the rich juices, destroying the category.

ples, russet pears, grapes, or any fruit prevents the formation of the much desired crisp, brown crust, while salt to use a large cake, which is to be extracts the rich juices, destroying the category. It is possible to use a large cake, which is to be extracts the rich juices, destroying the category.

The successful manufacturer has to use a large cake, which is to be extracts the rich juices, destroying the category. It is possible to use a large cake, which is to be extracts the rich juices, destroying the category. It is possible to use a large cake, which is to be extracts the rich juices, destroying the category. It is possible to use a large cake, which is to be extracts the rich juices, destroying the category. It is possible to use a large cake, which is to be extracted to two hours, basting every twenty minutes with the cider. The ham may be sugar, beating the mixture until it is served cold or hot. A highly seasoned light. Then stir in the beaten egg gravy may be made from the cider.

PUMPKIN PIE.

cinnamon, ½ tsp. nutmeg, 1 tsp. milk. Add the chopped and lightly bread crumbs, 1 tsp. salt, ½ cup floured raisins, currants, and citron, sugar, 2 eggs, ½ tsp. ginger, 1 cup and the extract. Fold in the stiffly Six apples, 1% cups water, 1 cup thin cream, 1 cup chopped raisins, 1 beaten egg whites. Bake slowly in a orange.

use low enough so that you will not Place the sugar, water, and the Add the sugar, spices, and salt to hours.

juice and rind of the lemon in a sauce-pan, and cook until it is a fairly thick syrup. Peel, quarter, and core the apples, and place them in the cooled syrup. Simmer until the fruit is clear orange, but not the juice or pulp. and transparent; then lift them care-

Two cups marshmallows, 1 cup English walnuts, 1 cup pineapple, 1/2 cup whipped cream.
Cut the marshmallows in fourths,

HOLIDAY JELLIED SALAD.

Two thsp. gelatin, 1 cup cold water, 1½ cups boiling water, ½ cup lemon juice, ½ cup sugar, 3 small tart Soak the gelatin in the cold water

ten minutes, and dissolve in the boilstiffen, stir in the apples, which have Remove the kettle from the stove, dice, the celery cut in small pieces, have been wet in cold water.

1/2 cup molasses, 3/4 tsp. orange ex-

yolks, molasses, and the milk, adding the flour in which the soda and spices Two cups steamed pumpkin, 1 tsp. have been mixed, alternately with the deep pan or pans one and on :- foarth