Efficient Farming Sheer hoes

SAVE THE FODDER.

or direct the fermentative action about 15 ears to plant an acre. within the silo. The lactic acid bacin quantity to the more or less spoiled lecting tips and butts, to reduce the fodder provides an active agent to size of the ear. check and override the other bacteria age mass to a fairly uniform condition with lactic acid predon inant in the silage. This addition of lactic acid culture to the fodder at the time of silo filling is easily accomplished by securing a small quantity of pure culture. securing a small quantity of pure culture for lactic acid from a creamery ideal place to store seed corn, but an as a beginning. The pure culture is placed in a three gallon can of clean skim milk and allowed to ripen for three days. This can be added to more three days. This can be added to more but for the average farmer this is not approached. skim milk and a quantity of the culture developed that there may be at least one gallon for each ton of fodder the cut fodder as the silo filling pro-

If the corn is in prime condition for silage making at the time of ensiling, different parts of each ear. If fewer the wishes of the most particular and nothing is to be gained by adding cul- than five of the six kernels germinate, exacting customers. He should furnture. However, its use is strongly advised if the corn or other fodder is a Baird. bit off in condition, due to damage through unseasonable weather, delays,

MY METHOD OF SELECTING SEED CORN.

The most satisfactory method of selecting seed corn I have found is to sunken areas on the surface and a choose the corn as it is being gathered brownish discoloration of the flesh. in the field. I place the seed ears in thus keep them separate from the the tuber. Such should not be stored other corn. The main things I consider in choosing an ear for seed are: Soundness, length, diameter, depth of

well proportioned. The color should be uniform, and the indentation typibe uniform, and the indentation typical of the variety. The cob should be as small as possible and still permit the maximum growth of the kernel. Corn for seed should not be chosen potatoes usually have a high percent the growers themselves. from stalks advantageously located. I age of dry rot.

Poultry

is free from large accumulations of

bodies that are deep, front and rear.

Select ones that have large, soft abdomens; large, soft, moist vents, if

they are in laying condition; skin which is thin, soft and oily to the

touch; pelvic bones which are well Lastly, do not forget the head. The ideal hen has a refined head. She has a head which is moderately long and broad, and a beak which is short

The application of these principles to the selection of the breeds this fall will probably do more to insure good chicks next spring than any other

group of things which might be at-

2 per cent. of the girls who win beauty contests can make good lemon pies.

Careful studies show that less than

and well curved.

Be sure and select birds with

select about twice as many ears as Attempts have been made to control are needed for planting. It requires

That the filling-out of the tips and teria, bacillus lactis acidi, has long butts does not deserve as much attenbeen known to be beneficial in silage tion as is commonly given from the making, and its product, lactic acid, standpoint of yield has been shown in is found to the extent of one per cent. many experiments. In one series of in well made silage. Experience has experiments, covering a period of five demonstrated that the addition of bacillus lactis acidi in quantity to the fodder as the silos were being filled gave good results, particularly so when the fodder was past the best stage for making high grade silage rounded, or otherwise proof 5104 when the fodder was past the best partially rounded, 50.96 bushels; not stage for making high grade silage. The addition of the bacillus lactis acidi bushels. There is a tendency, in se-

The corn for seed should be stored present and thereby control the fer- in such a manner that it permits of mentative process and bring the silage mass to a fairly uniform condition so as to dry them quickly and prevent practical.

Seed corn should be tested twice if possible, one test being made in the that goes into the silo. This skim milk winter and the other in the spring just culture carrying vast numbers of before planting. In the winter test bacillus lactis acidi is sprinkled over I select one kernel from each ear, and germinate. In the spring I make a more accurate test, about six kernels being selected from different rows and

POTATO HARVEST.

Late blight affects the tuber of the potato as well as the vine, and the disease lives over from year to year in the seed. When harvesting the poin the seed. tato crop cull out all tubers with dark rel or the car load. The commercial

Black Scurf-This fungus develop a box on the side of the wagon, and small black specks on the surface of for seed.

Stem End Rot-This trouble is evidenced by a decayed and sunken area by the consumer for a bushel of pokernel, color, and conformity to type.

at the stem end of the tuber. When
Ears should be uniformly large and
a cross section is made near the stem end a brownish ring is usually plainly visible.

Getting By in Lean Months. Every chicken man knows October is the lean month with the hens. It is

When going over the hens in the the month when one derives the least

a thorough dipping. A bright, warm day in October should be chosen and the dipping done in the morning so the wool will have time to dry before night. It is safe to say that fall dipping of the flock should never be neglected. Even in those flocks that are supposed to be clear it will say

properly constructed by a tinsmith will make a good vat, although possibly rather expensive.

Marketing the Potato Crop.

The potato grower should cater to ish a choice product in a most attract form and should carefully study the demands of the market he wish to serve. For the best prices the po should be uniform, so smooth and of good table quality, whether selected by the pound, the basket, the bushel, the bag, the bar potato grower should not be confined to the local market, but should be in a position to put his potatoes on the best market available either through his own efforts or through the medium of a co-operative association. It some times occurs that of the price paid tatoes about two-thirds are required to defray the cost of transportation and of distribution, and one-third is left for the grower. This is not as it should be. Undoubtedly one of the

Surely the man without a silo has more reason to be concerned about the weather these days than has he who

Plant Bulbs Now.

Have you forgotten how you envied your neighbor's bed of tulips last spring? And how you vowed you ould have some on your lawn next spring?

If you really meant what you said, now is the time to get busy, for spring flowering bulbs must be planted in the fall—any time now, until the ground

straw, leaves, or strawy manure after the ground freezes. This keeps the frost in the ground and prevents the alternate freezing and thawing which causes the soil to heave, thus injuring this and the other parables in this

Among the Narcissi there are several types which may be used. The Daffodils with large, medium, and short trumpets, come in the yellows, white, and colors; the singles are better than the doubles, the Jonquils, the ter than the doubles, the Jonquils, the We should never be discouraged. Poetaz, and the Poeticus types. The Wat a fine lesson to lay to heart Polyanthus type, which includes the when we think of the difficulties which Paper White and the Shineses Sacred Lily, is not hardy, and so should not be used out of doors.—E. A. K.

The Japanese are developing an appetite for beef. The home supply being insufficient, importers are securing additional supplies from Canada.

To prevent sorehead (chicken-pox) give once a week for each 100 fowls one-fourth pound of sulphur thoroughone-fourth pound or sulpnur thoroughly mixed with greasy bread, and three days after that I give the same measure of Epsom salts. I feed the sulphur in the coops at night. I begin this treatment July 1 and continue until October.—Mrs. M. A.

The Sunday School Lesson

OCTOBER 19

The Parable of the Sower, Mark 4: 1-20. Golden Text-The sower soweth the word.-Mark 4:14.

causes the soil to heave, thus injuring the roots. This mulch should be removed early in the spring before the bulbs start into growth.

The Darwin tulips are the finest of all tulips. The Cottage, Breeder and Parrot types should be planted more widely.

Dutch hyacinths are the ones to plant out of doors. Roman hyacinths are seldom used except under glass. Singles are generally more satisfactory than doubles.

Among the Narcissi there are say.

I. THE SOWER AND THE SEED, 1-3, 10-14.

V. 1. The crowding on the shore V. 1. The crowding on the shore makes it necessary for Jesus to preach from a boat, which for this purpose is moored a few yards out on the water. From this position the preacher can be seen as well as heard.
V. 2. Jesus addressing the multitude, used parables, that is, comparisons or illustrations of divine laws and truths drawn from familiar features of ordinary every day life.

tures of ordinary every day life.
V. 3. The lesson is in short, as

see by v. 14, that Jesus' message of the kingdom is the seed from which the actualized life of the kingdom is to proceed. But, like a sower, Jesus needs a soil adapted to the message, and not all hearts are of this description.

THE SOIL OF PALESTINE. Two facts should be remembered moved to the light and heat. From

might. It is safe to say that fall dipping of the flock should never be neglected. Even in those facility that the solid freezes.

It is safe to say that fall dipping of the flock should never be neglected. Even in those facility that the solid freezes.

It is safe to say that fall dipping of the flock should never be neglected. Even in those facility that the solid freezes are supposed to be clean it, will pay in the bolbs to become established and make some good root growth before being taken in with those that are already clean.

There are several different kinds of which will give satisfactory results provided directions are carefully for high solid directions are carefully I. THE SOWER AND THE SEED, 1-3, world. There you have two seasons,

Check Up on Your Sprays.

There is no better time than during the harvest season to get an accurate estimate of how successful one has been in his spraying campaign.

Did you reach the top of your trees in spraying; or do you find a lot of scabby and wormy apples there? The very best apples always grow in the tops of the trees, provided that we keep them clean.

If they are diseased it means that the spray didn't reach them. didn't it?

Do you find a lot of injury from codling moth? A distressing experience, but all too common if one does not spray often enough or thoroughly

Are there any apples with San Jose scale on them? You can check up very accurately indeed on the prevalence of scale in the orchard since it will be found on the apples if there is any on the trees, and you can determine which trees or which blocks of orchard should be sprayed next winter or spring for

As the scale is on the increase again in most parts of the country, it is wise to pay special attention to it this autumn.

Do you find sooty blotch on the apples? This is apt to happen when we have much cloudy, moist weather in July, as we have had in some sections this season; and one feels so disgusted

When going over the heat in the late fall to eliminate the underivable proceders, there are a number of the heat fall to eliminate the underivable proceders, there are a number of the come from the fock, primarily be recovered to the proceders of the come from the fock, primarily be recovered to the proceders of the come from the fock, primarily be recovered to the proceders of they have stood the test of an allsummer culling, be sure to lay special
emphasis upon a few very important
characters which designate their productive capacity.

Pick those hens, first of all, that
Pick those hens, first of all, that
are good big bodies with great body
capacity: good width of back with the

In the blue and brown or blue and the price of farm
tan room there is nothing better for old-fashioned candle sconces are being description of such souls in the Beatithe base than soft brown or tan, with
the ba precede the bloom. Eight weeks beneath the sand is usually sufficient. A pot may be examined and then if found to be full of roots it can be

four to six weeks of forcing are required to bring narcissi of the following listed varieties into flower: Von ing listed varieties into flower: von Sion, Glory of Lieden, Sir Watkin, Trumpet Major, Emperor, Empress, Golden Spur, Olympia, Sulphur Phoenex, Bi-color, Victoria, Barri Conspicua, Madame Plemp, Alba Stella, Cynosure, Poeticus ornatus, Poeticus randiflora and the Poly-anthus and Poetaz types of all var-

A bundle of small rubbers costing only a few cents, are much better than twine or pins for holding parcels. Put pieces of a kind together, roll and slip a rubber round it. The work of untiling to find any particular piece is dispensed with and the roll takes up but little room.

The ultimate factor in the solution of most of life's great problems is either in curtain pattern or rug deleadership. The real leader is the sign. Shade colors are tricky. One stands or tables about the room. This parables of divine things. leadership. The real leader is the man who can get the community, the township, the county or the province to pull together and accomplish sometimes to pull

