of the curl, it is then too late to apply recompensed for the loss sustained any central. The damage done by these because of sowing it, and all other plant diseases is avoided A much more general condition by preventing the disease from ever than the one previously mentioned is

ADA

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year

75.000

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Wever.

young

be in-

50 25 25

the disease is much more prevalent yield.

When a fowl sneezes, waters slightafter a cold, wet spring. In such a

We may have, however, a lot of ly at the eyes and nostrils, and the
season on account of the slow rate of roots true to variety name and type, and dry while the buds are opening the resulting crop if we are to obtain it may be fed either in hoppers or maximum yields.

the silo to be \$5.60, \$1.80 and \$2.95 per

In the first part of the experiment, contra silage produced 4 per cent. more arik at 18.5 per cent less cost and A recent Dominion Market Intelli
The extent of the work carried on samples of which four were special upon entering a mosque or other holy per cent. more fat at 12 per cent. gence report issued from Ottawa con- at the Dominion topacco station at grade, 17 first grade and one second - V. 6. The God of thy father. In less cost than did the O.P.V. silage. tains some suggestive information as Harrow, Ont., is little known and less grade. Of 21 samples from Quebec those days when people recognized and In the second part of the experiment, to conditions at the leading live stock realized. A good idea, Kowever, can nine were special grade, nine first worshipped many gods, a new revelation opened pail of paint indefinitely, and the cover has been cut away, the In the second part of the experiment, to conditions at the leading live stock realized. A good idea, nowever, can nine were special grade, nine nine worshipped many gods, a new revelacion silage produced 5 per cent. more marketing centres, from which the be gathered from the report for last grade and three second grade. Of tion, or a new divine name, might have silage and sunflower silage were ly topped the market.

\$2.88 and \$2.76 per ton, respectively. Montreal: Packers, under the run The high cost of production of the of mostly inferior cattle, were not covered beds and 1,200 square feet

Top, our plants were sold, surincient two second grade. Only the approximately to plant 36.8 acres. Three thousand square feet of glass covered beds and 1,200 square feet

For the Languid V but the cattle ate both, once they From Markets Intelligence office: became used to them. Corn silage Dehorn your cattle. Live stock bruisstill holds premier place, having the ers are money losers. The markets most advantages and the fewest dis- are short on good quality steers. advantages, but sunflower silage and Winter feed for spring markets. The O.P.V. silage are economical feeds winter feeding of lambs is profitable. where corn silage can not be grown. Bocked and castrated lambs top the

CONCERNING FIELD ROOT VARIETIES.

Now that the season is past for the harvesting of our field root crops a Cost of Maintenance of Swine. operators and especially operators consideration of what the harvest has

In investigational work with swine, with a thorough grasp of the fundamental form at conducted by the Department of Anistruction and operation of gasoline

root varieties we have met with some sty names. A year ago we received conditions none of the commercial hog package of seed supposed to be of a Yellow Intermediate variety but well-balanced mixture produced on the farm.

Amateurs, being either operators, farmers or farmers' sons are particularly invited. Any man or boy may the farm. small round garden occus. This year Let it be said again that boys and 9 a.m. on the 22nd of January. we had a variety which gave us one girls seek joy, satisfaction and responsibility. The parent who is wise enough to see that his children get

Plant diseases are controlled by pre- would suffer a considerable loss and rention rather than by cure. Once an it would seem only fair that there spels has become scabby, a cherry be should be some means by which growgun to rot, or a peach leaf show signs ers who receive such seed could get

becoming established. Spraying is the occurrence of off types in any the most generally used method of pre-established variety. Just how serious the success of a spray application depends upon the chances of prevention. The success of a spray application depends upon the chances of yield of the resulting crop is dependent on the character of the off type individuals present. Plants which are off type in color only do not seeming the success of spray with lime sulphur but plants off shape very frequently while the trees are in a perfectly dornman and stage, before the buds have even illustrate this point. In a lot of half shape the point of yield of the resulting crop is dependent on the character of the off type individuals present. Plants which are off type in color only do not susually mean a reduction in yield, but plants off shape very frequently do. A single example will sampled to fowls of all ages. Properhage in the stand out as shining lights in the resord the most economical and efficient its religious value than fer its history—call importance. God's ever-ruling and importance its religious value than fer its history—for the graph of the giass-covered between the few can not fall off the perch.

The word "chicken" is commonly stand out as shining lights in the resord the stand out as shining lights in the resord the stand out as shining lights in the resord the deant of the its fall off the perch.

The word ship is commonly and every seem than the fill without contained in the desert. Busy with stand out as stand out as shining lights in the resord in the desert. Busy with the man of trained vision of early se vention. The success of a spray apsuch a mixture is from the stand-plication depends upon the chances at point of yield of the resulting crop in that particular time of killing the dissemble on the character of the off

growth the buds are a long time un- and still giving us a very inferior cold. When accompanied by a ratfolding; while dampness favors the yield because of weak germination of thing in the throat, the trouble is germination of the fungus spores, and the seed from which they grew. In bronchitis. Difficult breathing indilow temperature does not check their common with animals a poor start cates pneumonia. Canker in the growth. Thus the fungus is favored very often means an ultimate de mouth means diphtheria. and has a considerable period of time velopment much below normal. It is in which it has every chance to infect, very essential therefore to have vigor two forms—granulated and ground. the leaves. If the weather is warm of germination as well as purity of The ground scrap is preferred, since

What the Live Stock Market Suggests.

-Geo. W. Muir, Animal Husband-market. Winter feeding is the and gasoline engines and electric mo-

Ottawa we have for the past few mal Husbandry at the Ontario Agriengines. Many inquiries are received pears been considering not only the cultural College, it was found that in at the Ontario Agricultural College wintering brood sows on a narrow, day by day from those wishing innutritive ration produced largely from formation about motors of various the genuineness of the variety as concentrated feeds, the cost was 15 types used for inside work. well. The consideration of genuinecents per day for mature sows,
whereas with groups using more struction along these various lines. roughage the cost was reduced to there is offered a short course in Farm In our attempts to classify field eight and nine cents per day.



The Lady—"I always like the Cattle Show, dear. It's the only time I feel really slim."—From London Opinion.

water. Give two teaspoonfuls of this

begun to unfold in the spring. All stages mangels grown at the Central studies of the life history of the fungus pass the winter adhering to the bud seales and in the spring to the bud seales and in the spring the sports germinate and attact the leaves as the bud is opening. As long as the young leaves are folded inside the bud and protected by its scales they are safe from the attack of the fungus, at the sports of the spring. This is a special adaptation are safe from the attack of the fungus, but as soon as the bud begins to open the stages of the spring. This is a special adaptation, it is therefore essential that the fungus sports be killed by the spring. This is the fungus sports be killed by the spring. The follows that spraying can be done at the spring of the spring. All peach growers have noticed that thereof, should be governed by the and Suez. A well-known traveler tells lightmindedness of shallow and frivo-When a fowl sneezes, waters slight- germinative power of the seed.

entered six samples. British Columbia Sinaitic peninsula. we have the reverse conditions; the leaves shoot out quickly and are soon past the danger period, while at the same time, lack of moisture may prevent germination of the fungus spores.

A BRIEF COMPARISON OF SOME SILAGES.

At the Central Experimental Farm, comparisons of the feeding value of open and the resulting crop if we are to obtain it may be fed either in hoppers or mixed with a mash food. Fowls will amash food Fowls will will amash food Fowls will amash food Fowls will amash food food in the feating food in the fewling food of the famine beat of the flating food in the food with a mash food Fowls will amash food food is not from Sakatchewan and New Brunswick Sinatic Poulson food in the fewling food in the food of the flating food in the food with a mash food food is not from food in the At the Central Experimental Farm, comparisons of the feeding value of three silages—oats, peas and three silages—oats, sumflower, and corn, showed the cost of production of these stored in cost of cost of production of these stored in cost of production to the feed up, the crop feels soft and the fowl will vomit a quantity of fluid. For this condition there of the cost of fluid. For this condition there cost of fluid. For this more than in 1922, showing, says the lies with his suffering kinsmen in gratulations." Such humility is a report, that the creamery butter- Egypt, and that he must go back to first character essential for the human agency that is to become a conductor water. Give two teaspoonius or this report, that the creamery putter- Egypt, and that he makers in Canada are improving in them.

Their methods.

The putting of divine dynamic.

per cent. more fat at 12 per cent. gence report issued from Ottawa con- at the Dominion tobacco station at grade, 17 first grade and one second place.

Short Courses at Ontario Agricultural College

FARM POWER COURSE.

Farm tractors for outdoor work, man, Central Experimental Farm. strength of the live stock industry. tors for inside are very rapidly find-Finish is an essential to profitable For the large number of tractors in-

An extensive experiment with com- College, beginning January 22nd and very peculiar mixtures that were sold hercial hog feeds versus home-grown extending over a period of two weeks. y peculiar mixtures that were sold feeds showed that under average farm Amateurs, being either operators, at the Mechanic's Building, O.A.C., at

FRUIT AND VEGETABLE GROWING

will be covered in the short course on of that mountainous peninsula rather the bait.

Fruit and Vegetable Growing given than by the straight road to Palestine.

When the rate began to suggest that

ment of the Ontario Agricultural Col- Amorites; lived east of the river Jor- dipped for a few moments into boillege. The work covered will include dan, and also in the extreme north of ing water, and the brush will be as lectures on the care and handling of Palestine. This name also was some serviceable as ever. strength of the live stock industry. tors for inside are very rapidly findspring markets are generally bullish, ing favor on the farms of Ontario.

Spring markets are generally bullish. In the large of tractors in the dairy farm, systems of ventilation little is known. dairy cattle, the production and care times applied to the people of western of milk veterinary science cross for Palestine in general. The other names troduced during the past few years of milking machines, along with practive to find skilled the last rough in dairy barns and the care and use V. 12. Certainly I will be with thee. Strong vinegar. tical work in hand separators, butter- great and difficult one. He feels his tical work in hand separators, buttermaking, soft and fancy cheese making incompetence. "Who am I," he said,
and milk testing. No young dairy "That I should go unto Pharach!" The
farmer can afford to be without a
surance of God's presence with him.
In all Moses' subsequent work this
unable to remain the full period of promise and this assurance remained

An Automatic Rat Trap.

After the corn crop was sold rate
from the granary began to infect the
basement. They were so thick that
some wholesale method to extermin-

The Sunday School Lesson

JANUARY 20

sees Called to Deliver level, Ernd che 1: 1 to 12: 36 Golden Text By faith Moses, when he was come to years, refused to be called the son of Pharach's day ing rather to suffer affliction with the poor God, then to enjoy the pleasures of sin for a sees Heb. 11: 24, 25

The story continued—The story of ly specialized industry. But just as Moses, his deliverance from death in infancy, his education at the Egyptian only the secrets of high-revenue crops, by the secrets of high-revenue crops, by the secrets of high-revenue crops, and the secrets of high-revenue crops, by the secrets of high-revenue crops, and the secrets of high-revenu

contest, Ontario contributed 22 usual mark of reverence in the East,

milk and 3.8 per cent. more fat than following are quotations:

the sunflower, but the latter produced beginning on the cattle Digges.

Toronto: Trading on the cattle Digges.

Besides producing enough Island all were first grade.

Of tion, or a new divine name, might have four samples from Prince Edward meant a new god. Moses is assured paint naturally becomes hardened and Island all were first grade.

Of six that it is Israel's true God, the God useless from exposure to the air. This both milk and fat a little cheaper. market was dull. There was excessive plants of all varieties to meet the refrom New Brunswick four were first of his fathers, who is thus speaking may be prevented easily and at a to him Neither he nor the people he trifling expense by pouring melted Taking the corn silage as a standard, supply of thin unfinished cattle and quirements of the station and the grade and two second, and of three to him. Neither he, nor the people he trifling expense by pouring melted is sent to deliver, must have any fils.

made to see that the affliction of the

two weeks, they may stay one week with him. God was present with him and in that assurance he could do all was an old vinegar barrel in the base things. Upon this mountain. There ment. The top of this was removed was this further token and guarantee and covered with heavy brown paper. of the reality and truth of the divine Several small pieces of cheese and a call, that he would lead the people to few kernels of corn were scattered this very mountain where now he had on the top and the barrel set about The culture of tree and small fruits this very mountain where now he had on the top and the barrel set about the vision of God. This may account, in part at least, for the fact that growers in all parts of the Province Moses did lead Israel into the heart the bait.

Ontario Agricultural College, January Interest. Again we study the case of the food supply was both regular and 21st to February 2nd. The course will a man called of God. And like Abra- cafe, the paper was cut with a sharp be as practical as possible. The best ham, Moses is past the age of youth. knife in the form of a cross with the be as practical as possible. The best methods used in vegetable growing ful adventure. His apprenticeship for intersecting cuts in the centre. This will also be given in detail. The practical work of fruit growing will consist of budding, grafting, pruning, his real life work involved forty years of youth amid the adventure. His apprenticeship for intersecting cuts in the centre. This time the food was glued to the paper. The importance and value of a knowledge of modern dairy farm practice will be demonstrated during the tables, seedings, cuttage, nicking out a growe for all his training in the varied ine to the mechanical mixing of variations, also wary interest the see that his children get these things, either through his own like in some warehouse, and walve of a knowledge of modern dairy farm practice will be demonstrated during the first and marketing the planting, packing and marketing the keeper of flocks in the wilderness. So, first will have little trouble in the part of girls' club, will have little trouble in the part of flocks in the wilderness. So, first and marketing the keeper of flocks in the wilderness. So, first and marketing the house things, packing and marketing the keeper of flocks in the wilderness. So, first and marketing the house the maintaining the seed. Whatever maintaining the house the part of flocks in the wilderness. So, first and marketing the house the maintaining the seed of the part of flocks in the wilderness. So, first and marketing the house the maintaining the house things, seedings, cuttage, picking out, posting, transplanting, market packages, in wege too, many a modern college man finds too, many a modern college man find

Butter and Cheese Scoring

Butter and Cheese Scoring

Contests.

Contests.

Contests.

Contests.

Contests.

Contests.

Contests.

Contests.

A well-known traveler tells lightmindedness of shallow and rrivolous living that misses the sunset, and defaces the coin, and degrades the flag, and discards the Bible, and wastes the Sabbath, and scorns the wards the higher parts, where the pasching father In the Dominion educational butter ture preserves its freshness much breadwinning, self-sacrificing father scoring contest of 1923, conducted by the Dairy and Cold Storage Branch from May to October inclusive, Alson and the passes of the pa from May to October inclusive, Alsacred place. There may have been an some institutions, and some names, berta, Saskatchewan, Manitoba, On- altar there. An ancient tradition lo- held inviolably sacred, we drift quicktario, Quebec, and Nova Scotia each cates the mountain in the heart of the ly to the point where even life itself.

agency that is to become a conductor

Care of Paint and Paint

and valuing it at the cost of production, the relative values of O.P.V. Docked and castrated lambs invariabsilage and sunflower silage were ly topped the market.

quirements of the station and the various outside experimental plots, from Alberta one was first grade and two second, and of three from Alberta one was first grade and two second, and of three from Alberta one was first grade and sunflower silage were ly topped the market.

The can will be hermetically sealed as soon as the wax has cooled and the soon as the way has cooled and the soon as the way has cooled and the soon as the way has cool O.P.V. silage is due to the low yield inclined to buy. Like begets like; use of convas covered different types that

After a period of service the aver
Moses cannot remain indifferent. God for sealing jars and waxing sad-irons, and a single har of the way costings. flower silage, the cost is low, due to

Winnipeg: There was a fairly hot beds, all glass covered, and one quiring the movable jaw to be pulled deliverance, and sets before him the about three cents, will be sufficient to promise of restoration to the land for seal the naint in two one-callon cans. the high yield, but a large percentage broad enquiry for good feeding steers. each semi-hot bed and cold bed, canout by hand when the vise is opened which his fathers had come—the land for seal the paint in two one-gallon cans.

To nothing to at hand with which the high yield, but a large percentage of this extra yield is water. Calculation of the basis of the dry matter, common horned, off-color stockers and feeders were a drag on the marbout the same. Sunflower silage, with its excess water, freezes badly in wery small; a heavy run of unfinished with its excess water, freezes badly in were dull and weak. Common horned, off-color stockers and feeders were a drag on the marbout the same. Sunflower silage, with its excess water, freezes badly in wery small; a heavy run of unfinished All beds had a top dressing of about two and cold bed, canout by hand when the vise is opened by the insertion of any piece of work. A simple remedy to correct this, as adopted by a local shop, consists in the insertion of a valve spring beliand. The word which is translated bristles may be kept in good shape bristles may be kept in good shape by wiping them as dry as possible with its excess water, freezes badly in very small; a heavy run of unfinished All beds had a top dressing of about tween the fixed and movable jaws. "honey" is used also for a sweet syrup by wiping them as dry as possible and dinning the house into melted winter, a very undesirable thing, hogs were mostly returned to the while O.P.V. silage freezes little, if country for feeding purposes.

any, making it easy to handle. Edmonton: All good cattle, espectations are fully set out in the difficult to make the calf into a worth
Watch the bone and it will be less difficult to make the calf into a worth
Watch the bone and it will be less difficult to make the calf into a worth
Watch the bone and it will be less difficult to make the calf into a worth
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Watch the bone and it will be less difficult to make the calf into a worth
Watch the bone and it will be less difficult to make the calf into a worth
Watch the bone and it will be less difficult to make the calf into a worthand the Jordan valley, but the name was often applied to all the people of Palestine before the Is raelite conquest. The Hittites; represented a great nation of those days whose settlements extended from Palestine affin, when cool, can be picked from north to Syria and Asia Minor. The the bristles very easily, or it may be

Brushes that have been neglected until the paint is hard and dry can be softened again by soaking them in

When the rats began to suspect that