

HAY MOWS AND THE ANNUAL FIRE LOSS IN ONTARIO.

The farmers of Ontarlo have at national economy to play his part in pays the price. the attempt to wipe out the disgrace of the past few years, when millions of dollars have been lost in the destruction of our best farm buildings. There is nothing surer than the fact right time, so says J. E. Howitt of that if a farmer persists in putting Botany Department, O. A. College. into the barn poorly cured, or moist hay, sooner or later his turn will come to stand the total loss of his buildings and crops through spontaneous combustion of the hay.

1. The Fire Marshal advises "cau-

2. The insurance comparies plead

experience what barn fires mean speak ing frequently through the fall. loudly against attempting to store poorly cured hay.

4. The Agricultural College warns all farmers against the extreme danger which accompanies the practice. 5. The individual farmer places poorly cured hay in his barn at his

All who know agree that the pracimmediately, that means this year, now, before you put in that wet or partially cured load. It is not a case of "will there be fires," it is simply a case of whose turn it will be to suffer the loss. Only the reckless will fail to heed the warning. Let the hav spoil in the field rather than try to store it in unfit condition. If you do the latter the hay will lose its food value anyway, and it will show a lack of knowledge of good farm practice on the part of the farmer.

Increased acreage of clover hay in the past few years and the habit of curing only the leaves, leaving the cultural College, conducted within the seck improperly cured, is one of the past four years, show excellent retwo main causes which lie at the root sults from seeding sweet clover alone of the increase in the number of barn in the month of July. The seedings curing and storing crops with ap-to-unsatisfactory.

but abused by many). This article is an appeal to every man to act wisely this year and re last begun to realize, so says Prof. frain from putting even one load in W. C. Blackwood of the Ontario Agri- an unfit condition under the roof of cultural College, that each and every any building upon which he places any one of them is bound by the laws of value. Even if it is insured, somebody

> ERADICATE THE THISTLE. The Canada thistle can be eradicated if thorough work is done at the right time, so says J. E. Howitt of the

1st By early after harvest cultiva-tion on stubble ground. 2nd By careful and persistent spud ding done in such a way as to prevent the plants developing above ground.

hoed crops into the rotation. 4th By seeding with clover, taking "safety first."

one or two crops of hay, plowing shal3. The farmers who know by sad low early after harvest, and cultivat-

3rd By frequent introduction

5th By summer fallowing.

CANADIAN VARIETIES OF FARM CROPS GROWN AT HEART'S DELIGHT FARM, CHAZY, N. Y.

The Heart's Delight Farm at Chazy, New York State, consisting of eleven tice should be stopped and stopped thousand acres, is one of the most noted farms in America. It is interesting to learn, when on a recent visit to this farm, that the hundreds of acres of spring grains under cultivation were, in all instances, varieties which had been originated in Canada; paint that is put up by some good the oats and the barley at Guelph, and reliable house that has a large patronwas being tested out.

JULY SEEDING OF SWEET

Experiments at the Ontario Agri-The other cause is haste in which took place later than July were

and Quality Improved by the Practice.

apples will be touching each other on the same cluster. In the demonstrators of the same cluster. In the demonstrators of the same cluster. tion orchards at Kentville, N.S., Exmiddle of July. When the fruit was sules.

Thinning Apples - Both Size picked, it took 649 apples from the unthinned trees, but only 549 from the trees that were thinned to fill a barrel. The increased size of the apples Thinning fruit is not at all gen- on the thinned trees made up in bulk eral among orchardists in Eastern for the apples removed, and the per-Canada, and attention is directed to centage of No. 1 apples proved to be the advantages of the practice in a 58 per cent. against 32.3 per cent. bulletin "Modern Orchard Practices," from the unthinned trees. Shipped to prepared by the Horticultural Division the English market No. 1 thinned apof the Dominion Department of Agri- ples brought \$2.01 per barrel comculture. In the process of thinning, pared with \$1.67 for the unthinned. spotted or deformed apples are removed. Where there are too many the trees are at all loaded, it pays to apples in a cluster the poorer ones are thin. This is particularly the case of removed, thus giving the remaining such apples as the Baldwin, which apples a better chance to develop. A produce heavily every other year, as safe plan is to thin so that no two moderately large crops can be obtain-

perimental Station, thinning experi-ments were carried out with the Blen-hogs their worm medicine. A farmer heim Pippin with satisfactory results. made a dollar a head more last year The apples were removed about the on pigs treated with santonin cap-

Pointers on Painting by a Painter

A Business Where a Little Knowledge Often Saves Many

BY CLIVE B. PRICE.

ent routes and noticing the condition of the buildings along the right-ofway in the country through which he

If you are among the fifty per cent. whose buildings need paint, and you paint them this year, you will have made an investment that will be offset two ways. It will add more than what it cost you to the value of your place, and it will add years to the life of your buildings. However, the main purpose of paint, when composed of a good combination of ingredients properly mixed and skillfully applied, is to form a complete weather-proof covering to all the wood and metal in your Without this protection both wood and metal soon deteriorate.

Although the usual procedure followed in getting a job of painting done is to call for competitive bids on the work and let the job to the lowest bidder, one should have some knowledge of just what a good paint consists of, and have it definitely stated in the contract as to the kind of material to be used and how applied.

A job of painting done with some of the cheap, adulterated materials that are found on the market to-day, and these improperly applied, is almost as good as no job at all.

It is not the author's policy in this article to boost any particular brand However, if a brand of ready-mixed the spring wheat at Ottawa. The O. age, is being used, it is only reason-A.C. No. 104 variety of winter wheat, able to expect such a company will originated at Guelph more recently, keep the quality of their goods up to

standard of wages they have been forced to sacrifice the quality of the

Dollars

One can safely say that fifty per known as plaster of Paris), is used cent. of the farmers' buildings in Canada need painting. The author reached this conclusion when crossing the manner, as it does not work as freely country by rail between the Great under the brush as the pure zinc or Lakes and the Pacific over two differ-

ture than the local painter, who buys his material and mixes it on the job.

In many districts throughout the finer grades for cooking oils. The one country the competition in bidding on tad feature of the sova-bean product. country the competition in bidding on tad feature of the soya-bean product jobs has become so keen between local is that it is a very slow dryer. This painters that in order to keep up the makes it necessary to doctor it with artificial dryers.

When red lead, litheroge, or Japan materials used and speed the work up dryers are used, the quality of the

Prof. Wade Toole of the O. A. College agrees—and fortunate is the farmer who gets sunshine for the job. Howalways wait for the weather. One of the essentials in the production of good hay is that it will be cut at the proper time. It must have sufficient maturity to ensure curing quality, but over maturity means coarse, fibrous, low quality feed. Sweet clover should be cut in the late bud stage. Alfalfa is ready just as it begins to blossom and the new shoots are starting at the base of the plants. Red clover is handled to best advantage when approximately one-third of the blossoms have turned brown, and timothy just as the cut one morning and hauled the next was the living definition of God.

It is surprising how much faster hay it may have to lay over an extra day. It is surprising how much faster hay said, "Wilt thou that we command fire is character has mellowed. Love is of God. It is to be coiled the work should be done soon after raking, and the hay should remain in the coils for a few days to sweat out. However, most of it is drawn out of the windrows and if dry makes good feed.

Timothy is the easiest to cure. If the crop is very heavy it may have to lay over an extra day.

It is surprising how much faster hay said, "Wilt thou that we command fire is character has mellowed. Love is of God.

Love must reign in the human heart because love reigns in the heart of God. We can only interpret God to men through the spirit of love. He that loveth not knoweth not God. It is only the loving heart that can understand God. God is love. This is the briefest and fullest definition that we command fire is surprising how much faster hay said, "Wilt thou that we command fire is surprising how much faster hay said, "Wilt thou that we command fire is suit, "Wilt thou that we command fire is suit, "Wilt thou that we command fire is suit, "Wilt thou that we command fire is surprising how much faster hay said, "Wilt thou that we command fire is suit, "Wilt thou that w

In curing sweet clover two methods are followed. Perhaps cutting with the binder and stooking up like grain No matter what the hay crop, cut in time, rake as soon as possible to hasten drying, tedd only when green sists that John has been much misten drying and coil in catchy weather. In a valuable study of New Testament to the action of No doubt alfalfa and red clover may be made into small windrows. If the weather is dry about three days in the windrow with an occasional tedding makes it ready to harvest. If the weather is catchy it is advisable to coil the crop as soon as it is raked up.

I Sell to a Hatchery.

I keep the purebred White Wyan.

manner as alfalfa but, unless the crop is heavy, does not usually take quite hour that disciple took her. John accounts as long to cure. The hayloader has cepts unhesitatingly the trust commit changed methods to some extent. It is ted to him. who gets sunshine for the job. However, with hay to harvest, one cannot
always wait for the weather. One of
the essentials in the production of

> cut one morning and hauled the next afternoon and, in fair weather, is always ready by the third day. It is

> not necessary to coil timothy to cure. No matter what the hay crop, cut In a valuable study of New Testament

The Sunday School Lesson

John the Apostle, Mark 1: 16-20; 3: 17; Luke 9: 49-56; John 13: 21-25; 19: 26, 27; 21: 20-23; Acts 4: 13-20; Rev. 1: 9. Golden Text — God is love; and he that dwelleth in love dwelleth in God, and God in him.-1

various names.

A job done with this kind of oil will look fire while it is fresh, but at the end of thirty days will have the appearance of a job of kalsomining.

II. JOHN'S GREAT TRUST, JOHN 19:25-27 Vs. 25-27. There stood by the cross

of Jesus. The time of actual crucifixion has come. Matthew tells us that materials used and speed the work up to a point where it is impossible to do a thorough job.

This adulteration can be quite easily accomplished by a painter who mixes his own paint and has some knowledge of the many kinds of cheap materials that are being used.

These materials are found on the market under many different names.

The quality of the quality of the quality of the paint is impaired. Tungate or cobalt dryers give the best results with soyabean oils.

The most important feature in getting a good job of painting done is to see to it that all surfaces to be painted are first properly prepared.

All scale and blister should be removed with a steel scraper or steel moved with a steel scraper or steel when Simeon's words were to be fulfilled, when he said that a sword would pierce the soul of Mary. Mary Magdalene; of whom it was said that seven devils went out of her. Now she These materials are found on the market under many different names. The raw material principally used in the manufacture of these adulterations is as follows: Carbonate of lime or chalk white from the chalk pits of England and France. Chalk contains magnesia, silica and clay. Paint containing a very large percentage of chalk has a tendency to be gritty and does not work freely under the brush. Sulphate of lime or gypsum (also

Haymaking There is an old saying the first contains and look well when the cheap jobs are being done again.

All scale and blister should be removed with a steel scraper or steel brush. All surfaces where the old paint is decomposed so that it rubs upon the hand should be gone over thoroughly with a steel brush. If a good grade of paint is now used and well grade of paint is now used and well have a job of painting that will last adone the disciple of being with Jesus through Christ's trial and crucifixion. Behold thy son Behold

APPLICATION.

I Sell to a Hatchery.

Alfalfa is more easily cured than sweet clover. If the weather is fine it may be cut in the morning and raked the afternoon of the following day. It must not be allowed to remain exposed to the dew too many nights or bleaching results. After raking, if the sun shines, one more day in the windrow generally makes good hay. If rain threatens coil it up immediately and let it make in the coil. In any event he sure it is dry when harvested and be careful of the leaves in handling as they constitute the most valuable portion of the feed.

Red clover is the common clover hay crop. Much of it is allowed to get

I keep the purebred White Wyandotte Chickens of from 300 to 305-egg to the stores at market price, I contract all of them from February 1st until August 15th or September 1st to a hatchery for 10 cents a dozen above the market price here. I have built up a reputation for good chickens, and sell tots of eggs by advertising in our town paper.—Mrs. L. H.

To criticize is one of the easiest things to do. To praise where praise is due is often left undone.

To criticize is one of the easiest things to do. To praise where praise is due is often left undone.

I keep the purebred White Wyandotte Chickens of from 300 to 305-egg turn to the policy of fire and sword, Luke 9:54. He sbarply rebukes one water in the store rice, I contract all of the policy of fire and sword, Luke 9:54. He sbarply rebukes one water in the policy of fire and sword, Luke 9:54. He sharply rebukes one water in the policy of fire and sword, Luke 9:54. He sharply rebukes one water in the policy of fire and sword, Luke 9:54. He sharply rebukes one water in the policy of fire and sword, Luke 9:54. He sharply rebukes one water in the policy of fire and sword, Luke 9:54. He sharply rebukes one water in the policy of fire and sword, Luke 9:54. He sharply rebukes one water in the policy of fire and sword, Luke 9:54. He sharply reading the vide full was assertive and intolerant. He was loyal to Christ, but which for conformity to cer

dwelleth in love dwelleth in God, and God in him.—1

In manner, as it does not work as freely at the manner, as it does not work as freely at the brush as the pure ginc or lead.

Lesson serving—This week we their particular church was the door lead.

Lesson serving—This week we their particular church was the door the study the life of John the Apostle.

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Lesson serving—This week we thing the particular church was the door door the study the life of John the Apostle.

Like Son serving—This week we thing the fact which the like of John the Apostle.

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Lesson serving—This week we thing the particular church was the door like from John the Apostle.

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Lesson serving—This week we the file of John the Apostle.

Like Son John the Apostle.

Lesson serving—This week we thing the Apostle.

Lesson serving—This week we thick preached the John the Like Prant proposed.

Lesson serving—This week we the

unto his own home.

John, the Apostle of Love. John's
Epistles reveal such a man as is set
forth in the Gospels. With the passing
of the years John grew in Christian
love. Love, he points out, is not simply an attribute of God, it is his being.
We must prove our sonship by showing that we have that love in our
hearts. If we know not love we know able to expect such a company will keep the quality of their goods up to a certain standard which will protect their future business.

The proper compounding of paint demands great skill and experience and it stands to reason that a manufacturer who has had years of experience in the business, the proper in the business, the proper in the machinery for the grinding and mixing apaint oil is the true soya-bean oil. However, most of the so-called soyabis material and mixes it on the indicate their first that has any value as a paint oil sold to painters is merely that at the feast of Tabernacles. Wilt thou the work of the feast of Tabernacles. Wilt thou the what have command fire. Here we see the parameter of John. He wishes to destroy the Samaritans by lightning. This bears out the name given by not God, for God is love. John had the we know not love we know after the impulsiveness of Peter, but Jesus to James and John—Boanerges, when at Elijah's request, fire consumed king Ahaziah's messen much noise; the crackling of sticks manner of spirit ye are of. This spirit that we command fire. Here we see the parameter of John. He wishes to destroy the Samaritans by lightning. The same parameter of John had the demands great skill and experience and it stands to reason that a manuer of spirit we command fire. Here we see the parameter of John. He wishes to destroy the Samaritans by lightning. The same parameter of John had the command fire. Here we see the parameter of John He wishes to destroy the Samaritans by lightning. The same parameter of John had the command fire. Here we see the parameter of John He wishes to destroy the Samaritans by lightning. The same parameter of John had the command fire. Here we see the parameter of John He wishes to destroy the Samaritans by lightning.

The oll such we know not love we know that we command fire. Here we see the parameter of John H not the calm, intense, purpose of his surrendered life. When at last the curtain is about to fall on the life of John, we see a man whom arguments have ceased to interest and whom theories no longer excite, but one whose love to Christ is greater and deeper than ever it had been before.

POULTRY

Egg eating is a habit that seems to come from idleness and the fact that the eggs are laid in open nests. Sometimes it can be stopped by filling an egg with mustard and red pepper and placing it in view of the hens. The best remedy is to have nests which are slightly darkened. The hens enter on a track at the rear and the eggs are removed by lowering the door in front. Then the eggs can be gathered often.

Keep the hens busy in scratching litter and turn them out on range if possible. When they are busy outdoors they have less time to form bad habits in the poultry house. Provide the hens with plenty of oyster shells so the eggs will have firm shells and not break easily in the nests.

Care of Milking Utensils.

Milking utensils during the hot weather should be kept clean. Cleanliness is not only essential to the proof high-grade dairy products. but also to the health of the family, especially if milk is used on the table and butter made on the farm.

At Forest Grove Farm we separate our milk. The separator is thoroughly cleaned daily. As soon as separating is finished we cleanse the bowl by running eight quarts of hot water (not quite to the boiling point) through the separator. Boiling water will set the casein and make it more difficult to wash. The bowl is then taken apart and each part washed separately in warm water then scalded. We do not use any special preparations in washing our dairy utensils.

In hot weather the sun is one of. the most effective germ destroyers we have. All dairy utensils used I hang or set in the sun for four or five hours I know that it requires more time and labor to keep dairy utensils clean in hot weather, but it is time profitably spent .- Leo C. Reynolds.

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always in the barn. A strained muscle, a sprung tendon, a jolt or a knock demands immediate attention. A few hours' delay will result in a long lameness—perhaps in the loss of the horse. Kendaii's Spavin Treatment has saved more horseflesh than all the other known remedies. Under the name of Kendall's Spavin Cure, it is the forty-year-old standby of horsemen, farmers and veterinarians.

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