

NEWS AND INFORMATION FOR THE BUSY FARMER

(Furnished by the Ontario Department of Agriculture)

Had a Bumper Yield

An outstanding yield of blue grass is reported by one farmer in Haldimand County. His field was eight acres in size and from seven loads taken from the eight acres, 2,900 lbs. of seed were obtained. This at the rate of 14c a pound yielded better than \$400, or more than \$50 per acre. A pleasing feature of this is that the straw is still good as a high-grade hay.

Norfolk's Tobacco Crop

The greater part of Norfolk County's nine-million-pound crop of flue-cured tobacco has now been sold at prices ranging between 30 and 40 cents per pound. The average will be about 35 cents. It was estimated that about 23,000 acres were under tobacco in Norfolk this year, and while the crop was injured by drought and hail, it escaped frost and most of the growers will be well rewarded for their season's toil. The new half-million-dollar grading and packing plant at Delhi swings into operation this week.

District Plowing Matches

Dates of remaining district plowing matches have been announced as follows by J. Lockie Wilson, superintendent:
Caistor, November 26.
Cape Croker (on Reserve) October 31
Eramosa (Rockwood), November 5.
Frontenac (near Kingston), Oct. 29.
Haldimand (Fisherville), October 30.
Halton (Esquesing Twp.) October 31.
Lambton (Sarnia Twp.) November 5.
Ontario, South, October 25.
Peel (Brampton) October 24.
Proton (near Dundalk), October 24.
Six Nations (Ohsweken) November 1.
Sullivan Twp., October 24.
Wellesley Twp. (near Crosshill) October 28.
Welland, October 29.
Waterloo, October 25.
York, East (Agincourt), November 5.

Current Crop Report

Fall wheat is looking fairly well throughout the whole province, according to reports received, and the fine weather of October enabled the farmers in the southwestern peninsula to do late sowing. Many farmers report the poorest crop of turnips in years, while sugar beets will yield about the same as in other seasons. Considerable stocker cattle are being purchased, due to large yields of grains and low prices offered for same. There are indications of a good supply of Canadian seed corn for 1931. Dairy cattle are in keen demand in the restricted T. B. Free areas, and many outside buyers are invading these districts for accredited cattle.

New School Wing Opened

The new wing of the Vocational Agricultural School at Ridgeway was officially opened on October 20 by Acting Premier George S. Henry and Hon. T. L. Kennedy, Minister of Agriculture. About \$85,000 has been spent on the new building which is equally as commodious as the first building erected in 1926. The new wing includes two large classrooms, a physics laboratory, a room for teaching various agricultural subjects such as field crops, beekeeping,

poultry and veterinary science, a stock judging ring, four large forges with anvils for blacksmith work, eighteen manual training benches for wood-working, a machinist's bench and a space for motor mechanics. The Ridgeway institution is now the most complete of its kind in Ontario and will be in a position to give a superior type of all-round training to the farm boy and girl.

A Tremendous Success

By far the greatest success in its history was achieved at the 1930 International Plowing Match staged last week off Highway No. 7, near the city of Stratford. Two new records were set on the second day of the match, when an estimated total of 40,000 people passed through the gates and when the entry list numbered 153, surpassing by 44 the list for a single day in any previous year. The final two days of the match were equally successful, and the directors have every reason to feel proud of their achievement. Competitors came from every part of Ontario to take part, in the various plowing contest. A departure this year was a competition for women, who made a remarkably fine showing. The site of the match was a picture, with hundreds of horses and tractors pulling keen-edged plows through perfect soil to reveal row upon row of furrows, straight and true and crowned to perfection.

Ontario Nuts Win

Kent County has recently been in the limelight as a nut producing county by reason of the victory scored by one of its farmers, Harold English, of the Chatham district, at the Nut Growers' Conference at Cedar Rapids, Iowa. His exhibit of Japanese walnuts was declared the best ever seen by those in attendance at the conference. Large size, good cracking, extraction quality, and fine flavor were the points on which the experts based their decision. The tree from which these fine nuts came is a beautiful specimen and has made rapid growth. It is only six years old and has borne two good crops. The Chatham man's victory is expected to stimulate the growth of nut trees in Kent County and elsewhere throughout the province. There is no other factor which enhances the value of a farm at so little expense as nut trees.

Proper Ration Needed

A hen may lay a few eggs early in the spring without receiving much feed or attention or she may lay at the end of the season when feed may be picked up in the fields, but the hen has not been developed that will lay without the proper ration during the fall and winter months. A good mash is important if the hens are to lay, and it should be before the birds all the time. If any one of the necessary elements required for the making of eggs is absent, production is impaired. Pullets require a little different mash than the old hens and it is a mistake to house them together and have them feed from the same hopper. Home-grown feeds with the addition of some purchased concentrates may be mixed, or a commercial mash may be purchased that will supply the necessary ingredients to the bird. Chickens will pay dividends if properly housed and given the right rations.

When to Apply Lime

A test of the soil should be made to make sure that it requires lime. If the soil proves to be acid then the answer to the question when to apply lime might be "when you have time." Lime is for the benefit of all crops in the rotation, but particularly of benefit to legumes. The best time is possibly just before sowing a grain crop that is seeded down with alfalfa or clovers. Liming land plowed for fall wheat which is to be seeded with clover in the spring is a convenient and satisfactory practice. Lime is not a fertilizer, but simply neutralizes the acidity of the soil and should be thoroughly worked into the soil during the preparation of a seed bed to become efficient. It is poor business to farm land that is lacking in lime and strongly acid in reaction. The productive power of the soil is reduced when it becomes acid. Correcting of this condition with the use of ground limestone increases the efficiency of the manures and fertilizers applied, and therefore contributes to the cutting down of costs of crop production.

MANY VISIT HISTORICAL HOMES

During 1929 over a hundred thousand people paid for admission to Shakespeare's birthplace, and over 80,000 visited Anne Hathaway's cottage.

Some fish, says a writer, grow at a terrific rate. Especially those that just manage to get away from anglers.



MEMORY OF PROMINENT NEWSPAPER PROPRIETOR HONORED
The memorial erected to the memory of the late Lord Northcliffe at St. Dunstan's Church, London, is here seen after being unveiled by Lord Riddell.

DISEASES OF VEGETABLES

(Experimental Farms Note)

The costly shrinkage and deterioration in vegetables during the periods of storage and transportation in Canada is a matter of great concern to those who are closely associated with food handling. While it is impossible to estimate the losses occurring annually in the handling of vegetables, nevertheless, reports indicate that the problem merits serious consideration; a fact which is fully appreciated by wholesalers, transportation companies and the general public. Observations and experiments conducted by the Federal Division of Botany have shown that plant diseases are responsible for a large share of these losses. Furthermore, by applying the facts derived from scientific investigation encouraging progress has been made towards eliminating the diseases responsible for this waste. Sound vegetables, from well cared-for fields, if properly handled during storage and transportation, may be placed on the market without very great loss. Upon the grower, therefore, falls the responsibility of applying measures to prevent the development of the fungi and bacteria attacking his crops and causing such diseases as black rot of cabbage, celery blight, rhizoctonia rot of turnips, late blight rot of potatoes, and many others of importance. Such preventive measures are based upon our knowledge of the life history of the parasite involved.

In addition to the effect of parasitic diseases (caused by fungi and bacteria) there is a very important source of loss due to certain diseases of non-parasitic origin. They are of greater importance than may be seen by casual observation and the adoption of any efforts aimed to reduce losses from this source assures greater economy to those interested.

These diseases include black leaf speck of cabbage, redheart and surface pitting of potato tubers. Such disorders commonly occur in storage and transportation throughout the Dominion and they are primarily the result of an insufficient supply of pure air combined with temperatures which prevent the utilization of the oxygen in the available air; for it is agreed by authorities that facilities which hinder the interchange of air are to be avoided. These two factors must be kept in mind when attempting to prevent the occurrence of diseases of this nature. Air channels are being provided in modern storage houses and railway cars by the installation of false floors and ventilating chutes. Under such conditions, and when the temperature is regulated to remain between 36 degrees and 40 degrees F., losses from disease are reduced to a minimum.

NEW TURNIP GRADES

The Dominion Fruit Branch, as the result of the first year in operation of the Turnip Grades under the Root Vegetables Act, have introduced four new grades which will more adequately meet the requirements of trade. The new grades are determined by size ranging from 2 to 4 inches for the grade Canada No-1 Small to not less than four inches in diameter for Canada No. 1 Large. The four grades are Canada No.-1 Small; Canada No. 1 Small Medium; Canada No-1 Medium; and Canada No-1 Large.

STORAGE SCALD OF APPLES

The current Cold Storage News Letter of the Dominion Department of Agriculture carries an item of special interest to apple growers. It deals with cold storage difficulties, more particularly storage scald and soft scald. Both are somewhat similar in external appearance, much as though the apple had been touched to or rolled on a hot stove, but the soft scald affects the tissue of the apple to a considerable depth whereas storage scald is largely a matter of skin affection. Most storage troubles arise out of faulty methods in handling prior to storage quite as much as from improper storage practices. Some general rules for over-coming scalding in apples are: only properly matured fruit should be selected for storing; the use of oiled paper in the container; and placing fruit to be stored into cold or common storage promptly, that is within 24 hours of picking.

Beware Leopards PROVES GOOD WARNING

Of All the Motley Array of Wild Animal Actors Leopards Give Most Thrills.—Wyant Davis Hubbard Gives Some Experiences with Leopards in an Article in "Tit-Bits."

Lions will sit down and think matters over before starting a charge or trying to get out of a difficult position. Snakes, even the dreaded puff adder and cobra, will try first of all to escape. Buffalo, despite their terrible reputation, are very easy to handle and control even when full grown. Crocodiles usually lie perfectly motionless, waiting for a chance to snap someone's leg off or break his back with a swat from their tails.

Leopards can be counted upon to do one thing, and to do it immediately upon release. They charge the first moving thing they see. If it is a human being, so much the better. It matters not that human may be behind heavy wire fencing. Bang into it they go with a rush and weight that strain the strongest cattle fencing.

One of the first attempts at inducing a leopard to act was a scene in which a leopard was supposed to come upon the veranda of a house, and prowling along it, startle a sleeping dog.

That sounds very simple. We had the veranda and the front of a house. We surrounded this with a twelve-foot fence of heavy stock wire. In front of the veranda we ran this fencing out in triangular shape. The base was the long verandah. The peak was the point from which the cameras were to photograph the action, if any. The sides were outside the view of the lenses, so all that one saw on looking through the camera was a house and veranda, upon which were a table and a few chairs.

At one corner we made a hole in the wire and backed against it a crate containing a leopard. He was not very large or old one and we had had him for some weeks. We thought he would slink up and down the veranda, under and behind the furniture, in an endeavor to get out of sight and be as far away from the cameras as possible.

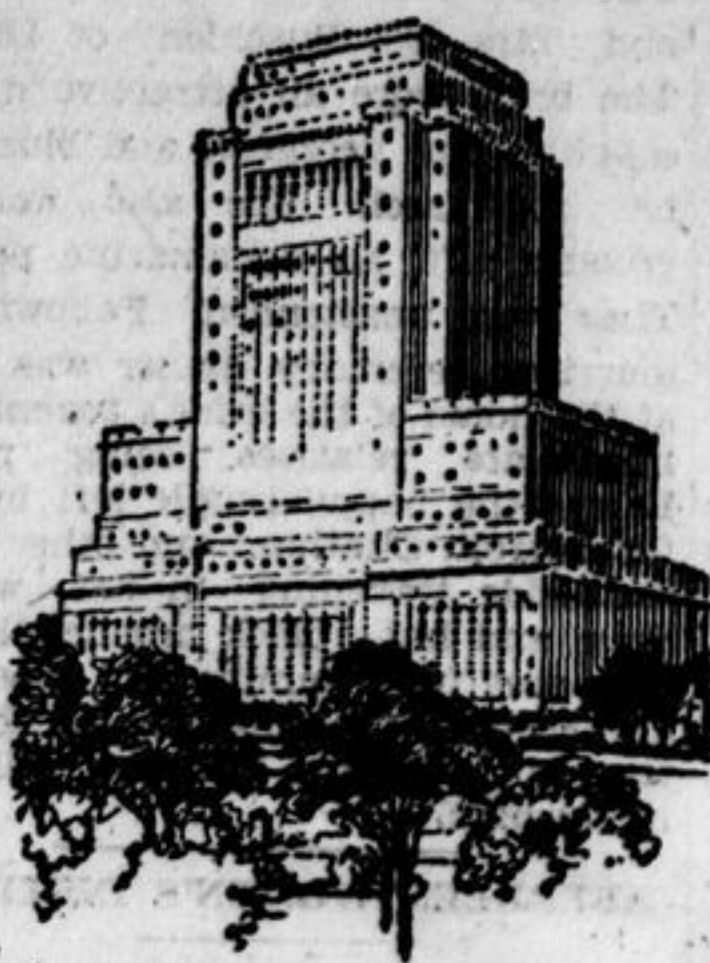
How little we knew or understood leopards! In our enthusiasm for realism we had placed a large dog on the veranda. He was a big fellow and supposedly brave and savage. Our hope was that the leopard would sneak along the veranda and wake the dog, which would turn on it and drive it off. In other words, a picture of the faithful family dog driving away the villainous leopard while its master slept. We would tint the film later to make it look like a night scene when projected. Everything was ready. I held my rifle ready, prepared for any emergency. At a nod from the cameramen I signalled to natives to draw up the door of the crate. Cameras clicked as film began to run. Very slowly, down in one corner, the leopard's nose and then its head came into view. It snarled and looked about.

A moment later it shot out of the crate and charged straight across the open at me. The wire stopped it, although there was a sickening bulging and creaking.

Foiled, the leopard dashed back and into the crate. Three times this performance was repeated.

The fourth time it came out the leopard seemed to have decided that charging the wire was a useless pastime. Slinking, it stole along the veranda close to the wall. This was the action we wanted. We all held our breaths as the leopard passed behind the table and approached the dog, which was still lying there. None of us knew just what to expect, but from the way the leopard had been acting a fight seemed to be the tamest thing that could happen. The dog raised its head. Looking over its shoulder, it saw the leopard coming from under the table. The dog gave a startled yelp and fled for the safety of us humans. The leo-

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HEAD OFFICE

MONTREAL

pard just watched it go and then kept on its way and smelled all about the closed door. It turned and started back. Then the window caught its attention. Slowly the leopard rose on its hind legs and, standing up, pawed at the wire-covering and scratched at the ledge.

This was more than we had ever dreamed of getting. So far we had a picture of a leopard charging, a leopard stalking along a veranda, scaring a dog sniffing at a door, and finally standing up and scratching at a window. What next?

It dropped down from the window and started forward. Suddenly it saw the natives on top of its crate. Instantly it flattened and, crouching, charged—and rushed right into its crate. The natives slammed the door down, and we not only had our picture but the leopard was safe and available for more work. By cutting out the dog and the charging parts of the picture we could put together a very nice short scene of a leopard on a veranda.

This was one of the easiest and most satisfactory experiences we had with wild animals as actors. But if anyone thinks it is easy to stand and be charged by an angry leopard, even with wire between, he is wrong.

Excellent Alibi

Sitting around the bunk house they were swapping lies.

One of them: "When I was logging up in the Northwoods I saw a mountain lion come right up to the skidder one day. It was a fierce beast, but I, with great presence of mind, threw a bucket of water in its face and it slunk away."

Man sitting in corner: "Boys, I can vouch for the truth of that story. A few minutes after that happened I was coming down the side of the hill and met this lion and, as is my habit, stopped to stroke his whiskers. Boys, those whiskers were wet."

A Happy Thought for Today

From the moment of birth
To the ride in the hearse,
There is nothing that happens
But might have been worse.

Tourist: "Say, boy, where does this road go?"
Indignant:—"It don't go nowhere. It's here every morning when I come along."

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Mr. Wm. Jarrott, of Bridgen, wrote us a year ago stating that his poultry had become badly infested with worms. We advised him to use 2 lbs. of Royal Purple Poultry Specific in each 100 lbs. of Laying Mash for two weeks and continue throughout the Winter with 1 lb. After using it for three weeks he wrote us stating that in three days he noticed blood streaks in the droppings, and that his egg production had gone up 100%. During the Fall, Winter and Spring months he purchased 600 lbs. of this Poultry Specific. We received a letter from him the latter part of August, stating that he was amazed at the results he obtained, that his poultry were entirely free from worms, and that during August of this year his production was 100% larger than last year.

It will pay every poultryman, no matter what feed he is using, or if he mixes his own, to add one pound of Royal Purple Poultry Specific to each hundred pounds of feed during the whole season the poultry are shut in. While this great tonic destroys the worms, it at the same time tones up the birds, keeping their digestive organs active the same as if they were on range, compelling them to take from 15% to 20% more good from the feed they eat. This is naturally reflected in increased egg production.

Worms in poultry is often mistaken for other diseases. The birds become very thin and show symptoms of diarrhoea. When badly infested they will die.

Put up in 30c. and 60c. packages, \$1.75 and \$6.00 tins, also 100-lb. air-tight bags—\$14.00. For sale by 4,600 dealers in Canada. If your dealer cannot supply you, write direct.

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