

FIND BUCKTHORN IS BREEDER OF RUST IN OATS

Following receipt of reports which indicate that in many parts of the County of Oxford the oat crop has been almost a complete failure, due to the ravages caused by rust this year, the Oxford County office of the Department of Agriculture is inaugurating a campaign to rid the affected districts, if possible, of the cause of this plant disease.

It has been found that the rust centres have been worse where buckthorn hedges were grown and there is a tendency to blame this shrub for the breeding of the disease. Samples from the hedges were sent to the O.A.C. and in his return report Professor Howitt says that there is no doubt in the mind of pathologists but that the presence of buckthorn in the neighborhood of grainfields increases the severity of leaf rust on oats.

"If I owned such a hedge," he said, "and wished to grow oats I would certainly destroy it as it provides a centre of infection from which an epidemic spreads in a rust year." In connection with the campaign to locate the cause of the rust, letters are being sent to all of the rural schools describing the disease and the buckthorn and asking the pupils to bring samples of the infection both on oats and hedges to the school fairs which are being staged all over the county this month. If the survey shows the situation to be serious enough, steps will be taken to try and rid the whole county of the disease.

FERTILIZERS FOR FIELD CROPS

There has recently been issued from the Division of Chemistry of the Experimental Farms System a comprehensive bulletin on the subject of Fertilizers for Field Crops. It is the work of the Dominion Chemist and the Soil Fertility Specialist, both of whom have had a large and long experience with fertilizers in laboratory and field and who have conducted experiments with fertilizers for a number of years in every province of the Dominion.

The bulletin is, as has been said, comprehensive in its nature; the endeavor has been to treat not only of fertilizers—their nature, function as plant foods, and application—but to discuss the position of fertilizers in a rational method of soil management towards increasing crop yields. Further, it takes up from the practical as well as the scientific standpoint the nature and value of farm manures, of green manuring, of liming, etc., and considers how all of these may be used in the upkeep and increase of soil fertility.

It is eminently practical throughout, being intended as a guide for the man on the land who is considering the use of fertilizers and will be found instructive and of interest to all who are looking for definite, concise information on the all-important matter of increased crop yields and the economic improvement of their soils.

An important feature of the bulletin is that the conclusions and advice given are the direct outcome of investigational work carried on in the Dominion; in this respect it is the first publication of its kind in Canada and marks a distinct advance on all previous bulletins dealing with the subject.

WILL COME UP NEXT YEAR

(Arthur Enterprise-News.)
At the Board of Trade meeting on Friday evening a large amount of informal discussion took place on the question of securing a waterworks system for Arthur. Many aspects of the question were presented, and it was the unanimous opinion of all present that 1923 should be made waterworks year in Arthur. A waterworks system is now an essential in every community of the size of Arthur and there are few towns that have not already installed a system. In connection with the discussion on securing a grant for the paving of the front street, it was pointed out that the Provincial Government will bear 80 per cent. of the cost of paving, but one of the first conditions required before such a grant is made is that the town or village must have a system of waterworks. Had the by-law carried to provide for the installation of waterworks some twelve years ago, the system would long ago have been self-supporting and would have been over half paid for. It was amusing to recall some of the arguments used against the by-law in that campaign, the principal one of which was that it might increase the tax rate two or three mills and this would drive people away from the town. Since then the tax rate has been increased some twenty mills and the town is bigger and better than it was then. Had the waterworks system been installed, the taxes would have been to-day no higher and the town would have had something to show for the taxes collected. Let every progressive citizen adopt the slogan, "1923 must be waterworks year in Arthur."

WANTS CHANGE IN O.T.A.

The Warton Canadian-Echo says everyone who makes swamp whiskey and everyone who sells it should be put in jail. Fines are useless, and they look as if the government or the municipalities want a rake-off. The Echo goes on to say: "there are some phases of this O.T.A., however, which must be changed. One has come to light from a recent case here. The officers arrested, imprisoned and tried an innocent party. A still was found on what they thought was his property, but when the line was run it was found that it was not his property at all, yet he was imprisoned and it cost him \$150 to prove he was innocent. Another similar case will probably be soon before the court. A still was found on a bush lot. We do not know what will be the decision of the court, but if the matter were left to a jury they would not take long to decide the matter. Fine points in law do not engage their intention very long. This party will be obliged to defend himself to prove his innocence. There are many gentlemen in Warton, and on the Peninsula, who own lots on which they do not set foot from one end of the year to the other. Should a still be found upon these, then they must go to the very considerable expense of proving their innocence. Under the O.T.A. the accused must prove his innocence, while any other Act, under any other British possession, it is up to the prosecution to prove that the accused is guilty. How long will the people of Ontario put up with this in British law?"

BOOZE AND A MOTOR CAR COME TO GRIEF AGAIN

(Grand Valley Star-Vidette.)
Leonard Kirvan, a 17-year-old young man of Elora, is dead from injuries sustained in a motor accident Sunday night, and Harry Webster, about 37 years, lies in a hospital with a broken arm, severe internal injuries and his body badly bruised. Webster had been driving rather recklessly around Elora during the day and quite evidently had been drinking. Towards evening he picked up young Kirvan and took him for a spin down the Guelph road, and, according to a statement of Kirvan, touched up about 66 miles an hour, when the machine took to the ditch near Metcalf's hill. Kirvan lived some time afterwards and at last reports Webster has a bright light ahead to recover from injuries.

QUEER FREAK OF LIGHTNING ON MITCHELL HOUSE

During an electrical storm on Wednesday morning of last week at Mitchell, Ont., the home of William Schafer was struck by lightning. After passing down the lightning rod with which the house is equipped, the bolt turned into the building, tore linoleum off the floors, knocked plaster off the walls, and otherwise damaged the building, but fortunately did not set fire to it.

Mrs. Schafer and her daughter were in the kitchen getting dinner ready at the time and the crash gave them both a bad scare. Mr. Schafer was in a stable nearby and both he and his horses were stunned by the flash.

This is the sixth house on the same street within a few yards of each other to have been hit by lightning this summer.

INGERSOLL CHILD UNINJURED AFTER GRASPING HYDRO WIRE

A rusted telephone wire broke in Ingersoll last Thursday and in falling alighted across a hydro wire carrying 2,200 volts.

A little tot named Copeland came along and took hold of it. The current at once clutched his hands about the strand and he could not let go. Efforts of neighbors were of no avail and relief only came after a message was sent to the substation and the power turned off. The child was uninjured, owing to the fact that the wire touched the ground and a large part of the heavy current went directly there.

MILDMAY'S FIRST RAILROAD BUILT FIFTY YEARS AGO

(Mildmay Gazette.)
Fifty years ago last Friday, September 1, the first railway train arrived at Mildmay. The event will be well remembered by many of the older inhabitants of Mildmay and Carrick. When it was announced that a train was to arrive that day scores of young and older men walked to Balaklava to meet it, and the conductor stopped the train and let them ride on the flat cars to Mildmay. The company was then known as the Great Western Railway Company, and the first railway agent here was Mr. George McCallum.

If coffee really keeps you awake some people ought to try coffee.—Harrisburg Patriot.

The first woman was called Eve, it is said, because she came at the end of Adam's perfect day.—Kingston Standard.

WODEHOUSE BOY KILLED BY GUN IN HANDS OF PLAYMATE

The Wodehouse correspondent of the Markdale Standard says that a sad accident happened on Monday afternoon two weeks at the home of Mr. and Mrs. Aaron Thompson which resulted in the death of Elmer Wood, young son of Mr. William Wood. Thompson's boy Elvin, and Elmer had been playing together all day, part of the time at ball in the stables and while searching for it came across a shotgun which had been left in a manger by Mr. Thompson, and the gun was left loaded after shooting squirrels. Thompson's boy picked up the gun and, not knowing it was loaded, pointed it in fun at his companion and pulled the trigger, shooting the Woods boy in the back. The charge of shot passed through the boy's body, causing his death a few hours later. Much sympathy is felt for the bereaved family and also for the little Thompson boy and his parents where the accident happened.

NEW POST OFFICE SERVICE

(Chesley Enterprise.)
On and after October 1, a C. O. D. service in connection with mail matter will be established in Canada whereby charges due the sender up to \$100 will be collected from the person to whom the parcel is addressed in the same way as express parcels may now be sent C.O.D., with this difference that an additional fifteen cents postage for parcels valued up to \$50 and 30 cents between \$50 and up to \$100 must be affixed to a C.O.D. parcel. This does not affect prepaid parcels. This extra postage is to cover insurance or registration. We do not think there will be any great saving in the charges under this postal C.O.D. system and, of course, it applies only to parcels under 44 pounds, which is the maximum weight that can be sent by mail in one parcel. At first reading we thought the C.O.D. would be a great advantage to the public, but it may turn out to be a cod on them.

TRUCK RAN AWAY

The following from last week's Kincardine Reporter shows that even in Bruce's seaside town, motorists do not obey the law in every particular. Truck drivers should remember that it is a breach of the law to leave a truck unattended with the motor running.

"A funny thing happened last Friday. Mr. Ben Vanderburg had obtained Shewfelt Bros. Ford truck to move a table from his home. The truck was left outside the door just up the alley from Queen street and the two men went into the place for the table. They left the engine running and the brake jammed tight. Somehow during the short time they were in the building the brake must have worked loose, for on appearing at the door with the table the truck had disappeared. Being on a hill it had moved down and swinging across the road had gone into the excavation on the Ross property behind the large sign board. It was not difficult to get the truck out and luckily it was not damaged in the least.

CULROSS TOWNSHIP MAN FATALLY INJURED BY BULL

On Monday of last week Mr. John Silliek of the 12th Concession of Culross was so badly injured by a bull he was tending that he passed away a few days afterwards. He sustained a broken shoulder blade and several broken ribs and would have been more seriously gored at the time had it not been for his dog, which attacked the infuriated animal and held it off till help was secured from a neighboring place, where threshing was in progress. When the help arrived, they found that the only safe plan was to shoot the bull.

MEAFORD BOY FINDS OLD COIN BEARING DATE, 1572

While playing on the lawn in front of his father's home at Meaford, the ten-year-old son of Joseph Couvillion noticed something partly embedded in the ground. He kicked it out with his foot and found it to be a small silver match case, the lid being missing. When he lifted the case the boy noticed another shiny substance and picked up a silver coin the size of a ten-cent piece. On one side was the impress of a Queen's head, and on the other side the figures "1572." Apparently the coin is 350 years old.

Durham Machine Shop
REPAIRING ALL KINDS MACHINERY
Lawn Mowers, Scythes and all other tools or cutlery resharpened and made like new. Work called for and delivered if desired.
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Machinist, Etc.
Nearly opposite Post Office.

RIPPING UP THE ELORA ROAD

Mr. William Chambers of Harrisburg, who has the contract on the Provincial Highway from here to Dornoch, also has the contract of reducing the grades on the Elora Road south of Mildmay. Like the contract here, the work there is being rushed along at a great rate and pretty soon there will be practically a level road from Mildmay south about three miles, excepting the Balaklava hill. The road is being widened, drained and trimmed off neatly and after this is done it will be covered with a good coat of gravel. The job is to be completed this fall and there is every assurance that it will be a first-class road in every particular. The Provincial Highway from Mildmay to Walkerton is also rounding into good shape and is again being used for auto traffic.

HEAD CRUSHED AGAINST BARN; CULROSS TWP. FARMER IS DEAD

In accident on Saturday night a week ago, Joseph Murray of the 3th Concession of Culross, near Teeswater, received injuries from which he died. He came home late in the evening in his buggy. While passing a wagon on the way to his driving shed a shaft of the buggy got into a wheel of the wagon.

When the horse found himself entangled he dashed forward, overturning the buggy and throwing Mr. Murray with his head against the stone wall of the barn. He was able to get to the house, but after a night of agony relapsed into unconsciousness and died at noon the next day. He leaves a wife and ten children.

"Women are vain," said Viscount Bryce at a Williams College tea. "You can't get on with them unless you bear their vanity continually in mind. I know a preacher who called on a widow to console her on the death of her husband. 'Yes,' he said, 'it's sad, it's very sad, madam, but you must remember that Jim is far, far happier where he is now.' The widow burst into angry tears. 'How very rude for you to say that!'" she sobbed.

IT WAS DRY

(The Country Gentleman.)
When one of the semi-arid territories of the Western United States became a state each county was asked to make a report to the secretary of the interior on the fish and game within its borders. The only water-course in a certain county located in the very driest section of the new

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and
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For.
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FOOD FACTS
PURE FOOD IS THE GREAT BUILDER
MARKET BASKET
SPRING BUILDING PLANS

What are your health building plans for the spring time? Our pure food is the builder who will aid you and your family to enjoy the days and weeks of the beautiful spring. We expect to hear from you.

Take Notice
I have secured the agency for Wodehouse Animal Invigorator, Baby Chick Food, Poultry Food, Lice Killer, etc.
We also sell Zenoleum, the best disinfectant.

"PHONE FOR IT!"
NO. 40
E. A. ROWE-GROECR
DURHAM

commonwealth is Salt Creek, which is at best little more than a puddled draw.

From its sheriff the officials at the national capital received this answer formally sealed and attested:

Request for fish and game received and duly noted. In reply I would state that the last fish in this county was noticed going up Salt Creek on the 10th inst. with a canteen under his fins, looking for water.

PARISH PRIEST CHANGES IN HANOVER AND AYTON

His Lordship Bishop Dowling of the Roman Catholic diocese of Hamilton announced the appointment of Rev. Father McNeil of St. Marys Cathedral, Hamilton, to the parish of Ayton, in succession to the Very Rev. Dean Halm, who has been transferred to Hanover, owing to the retirement, through ill-health, of the Very Rev. Dean Lehman.

Foolish Saving
A penny saved is not always a penny earned. Sometimes it is two pennies lost. The merchant who spends nothing on advertising loses much more than he saves.
The money spent for plate glass windows is not looked on as lost; nor is the money spent on better interior lighting.
Anything that increases favor, that adds to sales, that multiplies customers is very properly regarded as a good investment.
Advertising is a good investment—just as plate glass windows are. Advertising sells more goods to more persons than shop-windows do.
A WORD TO THE PUBLIC
Do you resent having a merchant address his message to you in the form of an advertisement in our columns? On the contrary, is not your impulse to respond to his friendly overtures?
Shop Where You are Invited to Shop
Issued by the Canadian Weekly Newspapers Association.

Feed Oats and Ground Feed at Special Prices
We have a good stock of Feed Oats we are selling at 50c per bus. (without sacks) and Ground Screens at \$20.00 a ton. (sacks included) and Whole Screenings at \$18.00 a ton (without sacks)
Also FEED OATMEAL at \$32. a ton and a stock of Good Mixed Feed on hand we are selling at \$1.50 per 100 lbs. sacks included, while it lasts.
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BUSINESS HOURS: 8 a.m. to 5 p.m.
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