

MUSTARD SPREADS; ANNOYS FARMERS

When Weed is Well Established It is
Necessary to Spray—Directions
for Eradicating It

Wild mustard has become a well-known pest and a great source of annoyance to farmers. Many miles of harvest crop is a great mass of yellow blossoms during the flowering period of this obnoxious weed.

The seed is spread in several ways. Usually, the soil becomes infected with mustard from manure which has been taken from barns where stock have been fed on grain, hay or straw in which there has been a mixture of mustard seed, which, owing to the hard coat on the seed and its oily nature, is hard to digest and passes through the animal with its vitality unimpaired. The weed is sometimes introduced by seed grain, turnip seed or rape seed. Birds also carry the seed from field to field.

When only a few stalks of mustard are scattered through a field of grain, it is a very simple matter to eradicate them. As the plant is an annual, it is only necessary to pull the weed before the seed matures to completely kill the pest. When the weed has become well established in the soil, hand pulling becomes impracticable owing to the magnitude of the labor involved.

When the weed is well established, spraying, as described in the 23rd annual report of the University of Wisconsin becomes necessary. The solution used in spraying is made by dissolving 100 lbs. of iron sulphate in 52 gallons of water, and stirring constantly until the iron sulphate goes into solution. When all the material is in solution the spray is then ready for use. In spraying, any reliable orchard sprayer may be used.

Spraying, to be of any use, must be done just before the plants flower. If spraying is delayed until later, destruction of the weed will not occur.

By experience, it has been found necessary to spray two or three years in succession to completely eradicate the weed. The cost of spraying, however, is not a large one, and the benefit derived from the eradication of the weed repays the expense many, many fold.

TEACHING FARMERS

D. McKee, Guelph, Would Send a
First-Class Man Among Them

The best way the Government can improve the agriculture of the country is to show the farmers that it will pay them to rotate their crops, test their seed corn, clean their grain, etc., says Daniel McKee, Guelph Agricultural College, and do all the things that are advised by the agricultural colleges, for, unless the farmer can be persuaded that it will pay him, and pay him well, to use these advanced methods, he naturally will not do so. Just as men are honest because it is the best policy, so farmers, as a rule, do not farm for the sake of farming, but to make money and so keep their families and themselves as comfortable as possible. When a farmer is told that such and such an experiment farm can raise 80 bushels of oats to his 25, he says that it is supported by the government and that it does not matter whether it pays or not. The best way to deal with a farmer is to carry the gospel of better farming to his very door. To do this the Government should pick out the best educated and most up-to-date farmer in a given district—a man who owns his own farm and is making it pay, and pay well.

Having chosen this man the Government should pay him so much a year for helping the farmers in every way he could. He would have to conduct his own farm so that it would be giving him a maximum return for his investment. He would have to mix with the farmers on market days, etc., and give lectures now and again so as to get himself before the farming public of his district. When the farmers discovered that there was a man in exactly the same position as themselves, who was making more money out of his farm than they were, they would naturally want to know how he did it, and they would visit his farm and ask him questions. It would be his business to answer these questions and point out to the farmers wherein his method of farming was superior to theirs and why.

African Drum Signals

For centuries before Marconi wireless telegraph was known the mystery of swift communication puzzled explorers of barbarian regions. In the heart of Africa a missionary discovered the method of hollowing a large gourd, which was then dried, and round it was stretched the skin of a kid, hard and thin as parchment. Beaten with a padded drumstick this instrument gives a sound which can be heard eight miles away. And each village contains the expert who can tap the message and send it on.

The Cork Industry

The best cork comes from trees in Spain and Portugal that are allowed to become 40 years old before the bark is cut and then it is removed only every eight or ten years.

USE SUNFLOWERS FOR FOOD OR FUEL

Stalk Appeals to the Farmers of Western Canada—An Acre Yields Many Cords of It

In Western Canada sixty per cent. of the herbage in August is that of the sunflower family. The common sunflower is a great grower upon a prairie, and can be raised to great advantage by the farmer. In Russia the sunflower is largely grown and is used for a variety of purposes. Great quantities of the seeds are eaten by the peasantry and even by the higher classes, and are as much valued as peanuts are by us. In Russia and other Greek and Roman Catholic countries where the use of meat is restricted a certain season, the use of sunflower seeds as food has become very common. Moreover the oil from the sunflower can be obtained at the rate of a gallon from a bushel of seeds. As 50 bushels of seeds can be grown on one acre, and as the oil seeds at one dollar a gallon, it is evident that for the prairie farmer the growth of the sunflower would be quite remunerative. The oil of the sunflower compares very favorably with olive oil and has indeed been used in adulterating it. The crude sunflower oil has to some extent been used by painters, although it is inferior to linseed oil for paint. But, besides yielding value for oil, the other portions of the sunflower can be made profitable. When its stalks are cut green it is said that they make an excellent fodder for cattle. The oil cake obtained from the sunflower seeds and stalks is also stated to be useful in feeding stock.

The use of the stalk however, appeals to our prairie farmers. In China the fibre of the plant, which is said to be fine, silky and strong, is woven into fabrics both beautiful and serviceable.

To the farmers who live on our high plains where fuel is scarce there seems to be a most self-evident use of sunflower stalks and dried leaves. An acre of sunflowers when matured will yield many cords of good fuel. Experiments should be made by a number of our best farmers with sunflowers, as they seem to be a crop splendidly adapted to the climate and soil of Western Canada.—Winnipeg Free Press.

FATTENING CHICKENS

First Use Insect Powder Liberally
and Then Feed

Chickens intended for fattening should be selected as regards size, and only those nearly the same size should be placed together. About the first thing to do with them is to dust them carefully over with insect powder, so as to rid them of vermin. This should be done at least two or three times more while they are being fattened. During the first few days it is just as well not to feed them too much, as they may get over-fed and refuse to eat satisfactorily afterwards. Feed very lightly for the first two or three days, and then gradually increase the feed until by the end of the first week they are eating all they will, three times per day. Never leave the food before them for more than fifteen minutes. From ten to twenty days should be the time required to fatten them, according to the condition in which they were at the time of commencing to feed.—E. C. M. in Canadian Farmer.

HALF MAN, HALF METAL

Canadian Bridgeworker Greatest Piece
of Human Patchwork in the World

That a man's mangled body could be patched up with nearly half a hundred weight of metal, and the man still be able to take some enjoyment out of life, might seem an absurd statement, but James Thompson came back to Montreal from a New York hospital carrying forty two pounds of iron, steel and other metals worked into his anatomy. He is probably the only man in the world who can say that he is strong and alive after having lost the majority of his joints and eight major bones.

Thompson was in a bad plight when he fell from a span of the Quebec bridge, on which he was working three days previous to the collapse of the structure. He dropped over two hundred feet into the river, and when rescued was found to have every major bone in his body broken. So the unconscious workman was hustled off to New York to be used for experimentation purposes at St. Luke's Hospital. The house surgeons there took charge of him and proceeded to patch him up. After three years he came back to Canada, looking for a job.

In his head is a gold plate larger than a silver dollar; between his ribs are special steel girders; his elbows are of steel; six feet of new bone has been grafted into the legs and arm. A steel bar holds his head erect, but prevents it from turning.

Mr. Thompson was offered big money to go on the stage, but refused. Several famous museums applied for his body "post mortem," and he consented to be embalmed and placed in the Pantheon when death comes his way.

BUILDING CONTRACTS

We are prepared to take contracts for houses, summer cottages, etc. It will pay you to get our estimates. Doors and sash and interior finish always in stock. Planing and matching done to order.

FENELON FALLS PLANING MILL A. TEIRS, PROPRIETOR.

WINDOW GARDENING

Plants Even in Winter Require Plenty
of Fresh Air

There is far more opening for the display of taste and skill in the planing and raising of a really pretty "window garden" than is commonly allowed.

A point for the window-gardener to remember in winter is that plants of which the roots are saturated in water are more likely to suffer from frost than if kept rather dry.

Window plants, like all others, require plenty of fresh air, and it is a common mistake to keep those grown in pots inside a close room through the winter instead of on the windowsill. The result is usually that they suffer from the attacks of insects.

EXERCISE THE HOGS

Exercise is a part of the hog's life which is generally allowed to take care of itself. The result is that generally the hog either does not get enough of it, or else he gets too much. Exercise is like feed, or heat or cold, or almost anything else. Enough is just right. It is not a hard thing to regulate in a reasonable way and with very little care or trouble either, if one only takes the time to think about it. Exercise plays a great part in the physical development of any living animal, and this is especially true of young animals when growing.

Thanks

To our customers
for their kind patronage during the
past year, and wishing
everyone a
Bright and Happy
New Year.

C. F. VICARS

Druggist and Optician
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SECOND DIVISION COURT

IN THE
COUNTY OF VICTORIA.

The next sittings of the above Court will be held in Twomey's hall, in the Village of Fenelon Falls.

On Friday, Jan. 10th, 1912, commencing at 1:30 o'clock in the afternoon. Monday, Dec. 30th, will be the last day of service on defendants residing in this county. Defendants living in other counties must be served on or before Tuesday, December 24th.

Office hours from 10 a. m. to 4 p. m.
ELISHA MARK! E. D. HAND,
Bailiff. Clerk.

Powles' Corners.

Correspondence of the Gazette

Mr. and Mrs. M. Day of Carrivale, Sask. are here on a visit.

Mrs. Jno. Cummings and her daughter spent Christmas here with Mrs. Thos. Daniels. The annual family gathering was held once more.

Mr. and Mrs. Wm. Moore of Cresswell, Mariposa spent Christmas at Mr. Jno. Moore's.

Mrs. McNeil and two children of Lindsay were down.

We wish the Gazette and staff a happy and prosperous New Year.

The annual school meeting came off Thursday night, the 26th, and the proceedings were kind of stormy. Mr. J. B. Powles addressed the meeting, criticising the secretary of the board and the trustees for laxity in performing their duties. J. C. Parrish was the retiring trustee. Mr. S. Gillis was elected for the usual term.

Wherever the barrooms are tolerated they entail expense upon the people causing poverty and crime that have to be taken care of. The cost of looking after the barroom is far more than the money received for license fees. The barroom produces nothing. It wastes, destroys and demoralizes. When liquor sellers grow richer other people must become poorer, and the taxpayers must find more money to meet the community expenses and loss.

The first time local option was voted on in the township of Fenelon the majority was 134 for local option, and the second time the majority was 345. Two years ago prohibition was carried in the city of Greenfield, Ohio. This year it is sustained by a doubled majority.

Winter Term from Jan. 2nd.

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We will be pleased to figure on what you will need in supplies, or the whole contract.

F. C. TAYLOR.

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HOME STUDY COURSES.

Lindsay Business College

C. R. Bower A. H. Spotton
Principal President
ENTER ANY DAY.

FENELON FALLS MARKETS

Fenelon Falls, Friday, Jan. 3, 1912

Wheat, Scotch or Fife, 82c. to 85c.
Wheat, fall, 90 to 92
Wheat, spring, 80 to 82
Barley, per bushel, 50 to 60
Oats, per bushel, 33 to 35
Pease, per bushel, 90 to 100
Buckwheat, 45c. to 50
Potatoes, bush, 40 to 45
Butter, per pound, 26 to 27
Eggs, per dozen, 28 to 30
Hay, per ton, \$8 to \$10
Hides, \$10.00 to 12.00
Hogs, live, \$6.25 to \$7.75
Beef, \$ 8.00 to \$9
Sheepskins, 50 to 80
Wool, 12 to 17
Flour, Samson, \$2.80 to \$3.00
Flour, Winnipeg, \$2.70 to \$2.90
Flour, Silver Leaf, \$2.50 to \$2.70
Flour, Victoria, \$2.45 to \$2.65
Flour, new process, \$2.40 to \$2.60
Flour, family, clipper, \$2.35 to \$2.55
Bran, per 100 pounds, \$1.30 to \$1.40
Shorts, do., \$1.40 to \$1.45
Mixed Chop, do., \$1.40 to \$1.50
Corn Chop, do., \$1.60 to \$1.70

STRAY STEER.

Came on to the premises of the undersigned. Lot 21 Con. 5, Verulam, one yearling steer. Owner can have same by proving property and paying charges

ROBT. MARTIN.

PLANT

BOWMAN'S

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IT WILL GROW

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In arrears for the Gazette will please call and settle.