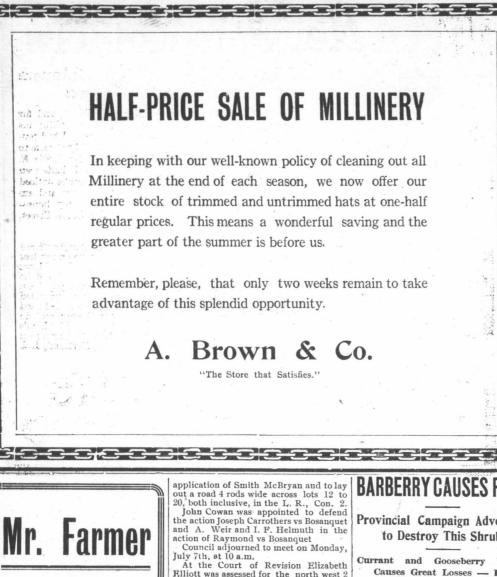
### GUIDE-ADVOCATE, WATFORD, JUNE 27, 1919



NOW is your busiest time-and we know it-so if it is impossible for you to get to town we will send vou out whatever you require in the following lines :

Hay Fork Rope

**BARBERRY CAUSES RUST** 

Provincial Campaign Advocated to Destroy This Shrub.

Currant and Gooseberry Worms Causes Great Losses - How to Identify It-Simple Measures of Control-Spraying With Arsenate of Lead Solution Most Effective.

(Contributed by Ontario Department of Agriculture, Toronto.)

HE Barberry should not be tolerated by the farmers of Ontario. It is a thief in their midst, which every year takes money from their pockets, by increasing the amount of rust upon their grain, and thus reducing their crops.

The Barberry Increases the Amount and Severity of Rust.

It is not necessary to go into the complicated life-history of the fungus which causes stem rust of grain. Scientists have known for many years that one phase of its life-cycle is passed on the Barberry, and all who have made a study of this mat-ter agree that the amount and sevter agree that the amount and sev-erity of stem rust is very much in-creased by the presence of the Bar-berry in the neighborhood of grain fields. While scientists do not expect being in the height hold of grain fields. While scientists do not expect to see rust entirely disappear if the Barberry is destroyed, the general consensus of opinion is that if it were completely exterminated the chances of severe epidemics of stem rust occurring would be resting rust occurring would be greatly reduced.

Currant and Gooseberry Worm. The most common insect enemy of currants and gooseberries is the Currant and Gooseberry Worm. The larva is a greenish caterpillar, about three-quarters of an inch long when full grown, with a black head and numerous black spots over the body. The larvae attack the foliage of gooseberries and of red and white currants but seldom injure that of currants out section injure that of black currants. At first they work chiefly in the central part of the bush, stripping the leaves nearly all off there, and doing much damage before they are observed. Later they may devour the foliage any place. It is common to see nearly all the leaves eater off numerous leaves eaten off numerous the bushe

The life history of the insect is as follows:-The adults,-which are as follows:—The adults,—which are known as Sawflies—are small four-winged files, about a quarter of an inch in length. The female has the abdomen yellowish and the rest of the body blackish in color. The male is for the most part blackish or black. The files appear in spring very soon after the leaves have expanded. Eggs are laid on the under surface of the leaves in chains along the begins are liait on the under surface of the leaves in chains along the main veins. The young larvae on hatching feed upon the foliage and become full grown in two or three weeks. Then they drop to the ground and form little cases in which they pupate. A new brood of flies emerge, lay their eggs and from these there lay their eggs and from these there comes a second brood of larvae, which may be seen on the plants at the time when the currants are ripe. When these larvae are full grown they enter the soil, form little cases or cocoons, and remain there till the next year, when they pupate and emerge as adults.

Method of Control. — These are easy insects to kill. All currant bushes and gooseberries should be sprayed with from two to three pounds arsenate of lead paste or half that amount of the powder form in forty gallons of water as soon as the leaves have become well expanded. Particular care should be taken to spray thoroughly the inner parts of the bush. This will kill all the first, brood. If a second brood appears hellebore should be used instead of arsenate of lead in the properties arsenate of lead, in the proportion of one ounce to one gallon of water. Arsenate of lead would be dangerous on the ripe fruit. The insect occurs everywhere in the province, and everyone should prevent his plants being weakened and seriously injured by it, especially as it is so easy to control

Note.—Hellebore loses its insecti-cidal properties unless kept in air-- Prof. L. Caesar, tight packages. -O. A. College, Guelph.



The Winnipeg Free Press of June 19th had the following notice of the death of Mrs. Robson. Her husband conducted a photograph gallery in Watford many

photograph gallery in Watford many years ago. Mrs. W. W. Robson, 243 Ruby street, died at 12 o'clock Wednesday night. She had suffered for the past year and underwent a second operation yesterday in the hope of saving her life, but she did not rally after it. She had many friends in Winnipeg. Mr. Robson is a well-

known photographer of the city A Nova Scotian by birth, Mrs. Robson came west with her husband and family in 1906. Her death is keenly felt in a large circle in which she was highly esteemed.

esteemed. The immediate family who are left are Pte. James Kenneth, just returned from overseas; Alan, of the bank of Nova Scotia; William, absent with a survey party in Saskatchewan; Eleanor and Laurie; besides the husband, whose curl-ing, church and Rotary friends express deep sympathy with him. The body is at Clark and Leatherdale's, and the funer-al will be delayed until word is received from the son in the west.

## School Reports

Report of S.S. No. 6, Warwick, for May. Sr. IV.— Mary Smith, Hilda Morris. Jr. IV.—Agnes Bryce, Kenneth Smith. Sr. III.—Frieda Manders, Har-old Manders. Jr. III.—Manville Bryce, Allan McNaughton. II. Class—Mar-guerite Smith, Dorothy Morris, Burton Duncan, Nina Chambers, Doreen Man-ders. I. Class—Maud Williamsou, Amy Duncan. Sr. Primer—Mary Madders, John Bryce, Ivie Peaslee, George Man-ders. Jr. Primer—Mary Bryce, Mertom Smith, Clifford Duncan. No. on roll 22, average for month 20.— ALBERT H, RUSH, Teacher.

## FATEFUL YEARS FOR ALL WOMEN

#### How Best to Overcome the Troubles That Afflict Women Only

The most fateful years in a woman's The most faterul years in a woman's life are those between forty-five and fifty, Many women enter this term under de-pressing conditions through overwork, worry or a neglectad condition of the blood, and so they suffer heavily. Still, variations of health at this time can be relieved by home treatment. Among the commonest symptom s are

relieved by home treatment. Among the commonest symptom s are headaches and pains in the back and sides, fever-flushes, palpitation, dizziness and depression. Women stand in need of rich, red blood all their life, but never more so than in middle age, when the nerves are also weak and over-wrought, Now every woman can prove the prompt help afforded to her health by renewing her blood supply. It is a test that any ailing women can make by taking Dr. Williams' Pink Pills, for these pills make rich, red blood, which in turn helps the appetite, strengthens the nerves and make rich, red blood, which in turn helps the appetite, strengthens the nerves and restores robust health. Thousands of women have found in Dr. Williams' Pink Pills the means by which new health and a brighter outlook of life were gained. In proof of this is the voluntary testi-mony of Mrs. H. S. Peterson, Milford, Ont., who says:-"I have suffered , readly from those troubles that afflict ms sex, and I have found that Dr. Williams' Pink Pills in such cases not only do all that is Pills in such cases not only do all that is claimed for them, but more. Dr. Williams' Pink Pills have done so much for me that I urge every weak woman to try them, and they will soon realize the great difference in one's health they

make If you suffer from any of the ills that If you suffer from any of the first that particularly efficit womanbood you should avail yourself at once of the health help of I r. Williams' Pink Pills, You can get these from any dealer in medicine or by m. il postpaid at 50 cents a box or six box s for \$2.50 from The Dr. Williams' Medicine Co., Brockville, Ont,



4

3

1

1

D

Volume X

#### JU]

Month of moonligh Month of naughty, Month of closing c Month of sweat

blouses Month of flitting o' Month when campi Month when days bright,

Month when mone Month when evenin Month when dams Month when fate p Month when one s Month when we w Month of sultry, ga

\*\*\*\*\*\*\*\*\*\*\*\* LOCAL HA 

THE GUIDE-ADVO items of interes Call Phone II, send item in GUIDE-ADV

#### WATFORD bowlers next Wednesday.

FORD size guarantee -RAY MORNINGSTAF use a vacuum cleane bugs.

THE old blacksmith street, formerly owned Percival, and erected a torn down this wee owner, Mr. Wes Wille

HELP WANTED-Steady work. Good Pr day, five hours Sature working conditions. S Superintendent. The Works of Canada, Ltd

H. Hartley Dewart, was selected as Libe Ontario convention he Thursday. He is men lature for Southwest T

A QUIET WEDDING Watford Methodist p mesday of last week Tiffin joined in the Miss Gladys V. W. Le P. Abraham, both of S

THIS season is con best in many years flowers were abundant perfectly shaped than fully fragrant.

TAILORING in City S and Gents.-Swift's. WHEN a married dies intestate and child the residue going in ec next of kin—namely h brothers and sisters.

Pulleys **Pitch Forks** Fork Handles Wooden Rakes Scythes -Snaths **Fly Chaser Bug Poison** T. Dodds & Son "THE HYDRO SHOP"

#### BOSANQUET COUNCIL

Council met on Monday the 9th inst. All the members present. Minutes of previous meeting read and confirmed. The following orders were given:-G. Coultis & Son \$83.97 for plank; Robert Tidball 70c to pay freight on repairs for the cement mixer; London Concrete Machinery Co. \$19, repairs for cement mixer; the assessor \$2, attending Court of Revision; G. Sutherland \$7.96 customs dues and freight on 3 grader blades and C. Medcoff \$2 for work on Mud Creek drain.

C. Medcoff \$2 for work on Mud Creek drain. Mason Spearman, N. L. Eastman, A. Cotton, Geo. Bowden and Joe Addison petitioned for a drain under the Muni-cipal Drainage Act and G. A. McCubin was appointed to view the area to make report, etc. He was also instructed to have Golden Creek Drain repaired on the

Mr. W. G. Connolly discovered a strange fly on cattle on his farm on 4th line. He forwarded the specimen to the Department of Entomology at the O.A.C. and received the following letter from Mr. A. W. Baker, describing the specimen as the European Heal Fly and describing its habits:-Guelph, June 18th, 1919. M. W. G. Connolly, Watford. Ont. Dear Sir:-I was much interested in your letter of June 12th and also in the your letter of June 12th and also in the

At the Court of Revision Elizabeth Elliott was assessed for the north west 2 acres of lot 26, con. 4; Fred Elliott was assessed for the east 15 acres of lot 26, con. 5, instead of H. J. Howland, and Damos Stebbins was assessed for 120 acres instead of 104. G. W. Knisley applied to have a dog shot May 13th, taken off. Assessment confirmed. John Shepley was assessed as tenant of parts

Shepley was assessed as tenant of parts of lots 36 and 37 in the S. B. Con. with some minor changes the roll was con-

The European Ox Warble Fly Found

in Warwick

GEO. SUTHERLAND, Clerk.

firmed.

M. W. G. Connolly, Walford. Ont.
Dear Sir:—I was much interested in your letter of June 12th and also in the specimen fly which you forwarded.
This fly is the European Ox Warble or Heel Fly. The last few years it has been giving considerable trouble in parts of Oxford County, but I did not know that it was present in Lambton. The cattle gad or run when the female fly is laying her eggs. Unlike the ordinary Warble Fly, the last few years it has been giving to the animal, darting out and flying in and laying another egg. It is as a result of the fly repeating this performance that the cattle are frightened. These eggs hatch into small maggots which pass through the skin and wander through the body of the animal, passing the winter in the wall of the guilet and flying in and laying another egg. A stranger through the body of the animal, passing the winter in the wall of the guilet and the next spring appearing as warbles or grubs beneath the back of the animal. The life-history is very similar to that of the ordinary Warble Fly. The difference in the life-history lies in the fact that the Heel Fly, as I have said, lays its egg when in flight, whereas the ordinary Warble Fly as they are by the Heel Fly. The difference in the life-history lies in the fact that the Heel Fly as it heggs almost entirely when at rest and when the cattle are lying down; hence the cattle have never been driven or gadded by the ordinary Warble Fly as they are by the Heel Fly.
There is at present no satisfactory mot of the warbles. If all the men in a district would squeeze out all the warbles in their cattle there could of course be no five marbles. If all the men in a district would squeeze out all the warbles in their cattle there could of course be no five morbles. If all the men in a district would squeeze out all the warbles in their cattle there brought in. The given by the difference in the life. history is on would let men in a district would squeeze out all the warbles in their cattle there could of course

#### Enforce the Law Regarding the Barberry.

In Ontario legislation has been passed regarding the destruction of this shrub. Let all concerned realize that the Barberry does increase the amount and severity of stem rust and a sentiment will be created for the enforcement of the present act, This act should be enforced. The Barberry in Ontario should be de-stroyed. There is strong evidence to show that Barberry bushes are cen-tres of infection which in wet sea-sons may give rise to severe epi-demics of rust.

The Common Barberry and Its Pur-ple-leaved Variety the Culprit.

The Common Barberry and its purple-leaved variety harbor grain rust. The average man does not know this shrub when he sees it. It is a spiny shrub from six to nine feet high, with yellow wood, arching branches and gray twigs. The leaves are bright green smooth somewhat branches and gray twigs. The leaves are bright green, smooth, somewhat oval, from one to three inches long, the margins with bristly teeth. The flowers are small, yellow and borne in long, drooping clusters. The ber-ries are oblong, red and sour. The purple-leaved variety is similar ex-cept for the color of the leaves, which are purple. Unfortunately, the Bar-berry has been much planted in some sections of Ontario for ornamental purposes and has become wild in many localities.

The Japanese Barberry Harmless.

If Barberries are required for or-namental shrubs the low growing, small leaved Japanese Barberry (Berberis thumbergii, D.C.) may be planted, as this species does not har-bor the rust.—Prof. J. E. Howitt, O. A. College, Guelph.

R. M. Pincombe will build a 250 barrels a day flour mill on Albert street, Strath-

Commencing Monday, June 16th Store Closes at 8 p.m.

# Spray Your Fruit Trees and Bushes Now

Arsenate of Lime Arsenate of Lead Paris Green Hellebore, etc.

# W. McLaren

Druggist

THE REXALL STORE Stationer

PROF. HOWARD GOF 3rd for a vacation a summer class on Tuesda he will give lessons in cello. Those interes Box 309, Strathroy.

PETER MCARTHUR in for the cultivation of judging by the evidence Cost of Living Comm will soon be the only can afford to wear.

OFFICIALS of the O ssociation have compl for the use of 131 acres and O'Brien farms nea and O'Brien farms heat for the annual provinci which is to be held on 23, and which the dire the biggest ever held in Ture Dominion Day THE Dominion Day

THE Dominion Day quiet as a Sunday so fa concerned. A large went by auto and train the War Veterans reun highly of the progra provided there. Many side to spend the day in The streets were desert

MEN's ready to we Trousers, open Saturda Two RINKS of Watte to London this week to annual tournament of the wood Club. One rink Frank Lovell, F.O. Mc with F. W. Rogers sh the semi-finals. The ott ed by Capt. Staplefort ford, F. MacLean and connecting

supporting. MRS: MORRIS, Altor teresting addrese on Sa in the Methodist Churc work, under the Women's Institute; Mrs Allendale also gave a work. Mrs. M. C sweetly a Scotch song appreciated by all, Me the National Anthem.

THE wealth of the risufficient to buy out all country and still leave a balance in their treasur greater portion of the every town and empi-helpers. If the retail s out of Watford there wa left. This great resp have a tendency to mak realize that their callin one-one that they can