

# Farm Queries

Henry G. Bell, B.S.A., Dept. of Chemistry, O.A.C. Answers All Letters to Farm Editor, 73 Adelaide St. West, Toronto. All Answers Will Appear in this Column. If Personal Reply is Desired, Enclose Stamped and Addressed Envelope.

**Fertility Demonstration Results**—In formation of Timely Value to Ontario Farmers.

Four years ago the Department of Chemistry, O.A.C., started a new system of fertility demonstration experiments throughout the province. The plan was the outcome of the increasing demand for practical information regarding the results of different treatments on the soil and the crops raised thereon. Of course, results obtained by the College on its own experimental areas were available, but such results were frequently discounted in the mind of the farmer because they do not represent tests under his own conditions of soil and climate. To overcome this difficulty it was planned in the series then undertaken to conduct the tests on various farms in the different counties of the province. Farmers were located who would cooperate, and the department visited their farms, measured out the test areas and supervised the treatments. The field men again visited the farms at least once throughout the growing season, and again at harvest time, to take actual yields. The test areas were larger than the average of 1/2 to 3/4 acre as a size of each block or plot on the actual farm. This simplified the testing for the co-operating farmers.

Reports of the last year's work and the summary of the three years previous which are now complete show that within four years, demonstration tests have been conducted on 913 farms where nearly 4000 plots or test areas have been conducted. During the past year, approximately 1000 plots were maintained on 220 farms. Fertilizers of different analyses chosen with a special reference to the type of crop for which they were to be used, and the characteristic fertility content of the soils on which they were to be applied.

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**How Small British Sloops Keep the Peace**

In these days of universal disarmament there is a tendency to forget the fine services constantly rendered in all parts of the world by the ships of His Majesty's fleets. The handling of the H.M.S. Dundee, at Chatham recently, caused the naval correspondent of the London Morning Post to write briefly about His Majesty's sloops, to which class the Dundee belongs with about 17 other ships of like construction. The ships are fitted with torpedoes and each has a spare cabin for the use of political officers.

There is significance in this last statement. These little vessels are in commission on foreign stations: in the Persian Gulf, the Red Sea, Chinese waters, the South Seas, the west coast of Africa and the West Indies. For the most part they are occupied in what may be termed ambassadorial duties. This is particularly the case in the Persian Gulf, where, on the friendly relations between Arab tribes and Great Britain are arranged. A notable example of the diplomatic activities of these small vessels occurred on H.M.S. Lupton in February, 1930, when the historic meeting between King Faisal of Iraq and Ibn Saud, King of the Hedjaz (now King of Saudi Arabia), was brought about at a meeting on land held at Jeddah.

In March last year, the British Minister in Tehran, accompanied by the senior naval officer, found the Persian Gulf in H.M.S. Povey. Occasionally it occurs that the political officers are called upon to take passage in a sloop, thus enabling them to administer their duties with enhanced dignity. Slightly more important is still a regular in-

## Simplifying The New Sleeves

By HELEN WILLIAMS. Illustrated Dressmaking Lesson. Furnished With Every Pattern.



Perhaps you'd like to change your sleeves. Here are five new models. And all five are included in the pattern.

They may be adapted to almost any dress design you select that has a plain sleeve.

No. 1 has a lovely opportunity to have just the sleeve you've been looking for.

No. 2 has a smart snug fitted cuff. No. 3 is fitted into the armhole through tucks.

No. 4 is the smart top drap, and No. 5 with its plaited flare will flatter the arm of the young woman.

Style No. 3374 is designed for sizes 14, 16, 18, 20 years, 36, 38, 40 and 42 inches bust.

Size 36 requires, View 1, 1 yard 3/8 to 29-inch; View 1A, 1 1/2 yard 35 or 39-inch; View 3, 1 yard 35 or 39-inch; View 4, 1 yard 39-inch; View 5, 1 yard 39-inch, with 1/2 yard 39-inch lining.

Size 38 requires, View 1, 1 yard 3/8 to 29-inch; View 1A, 1 1/2 yard 35 or 39-inch; View 3, 1 yard 35 or 39-inch; View 4, 1 yard 39-inch; View 5, 1 yard 39-inch, with 1/2 yard 39-inch lining.

## Sunday School Lesson

March 12, Lesson XI — Jesus Ministering to the Multitude—Mark 6: 30-44.



**INTRODUCTION**—The excitement caused by the realization of Jesus' ministry to the multitude—Mark 6: 30-44.

**ANALYSIS**—L. A. SPILLED HOLIDAY, Mark 6: 30-32; H. JESUS AND A HUNGRY WOOD, Mark 6: 33-44.

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## Sea Fisheries Catch Curtailed in '32

Unsettlement of World Markets Cited as Contributing to Reduction

Exclusive of the catches from one or two minor fisheries, the landings from Canada's sea fishing operations in 1932, as shown by unsorted statistics, was approximately 7,120,000 pounds, or about 10 per cent less than in 1931, and about 10 per cent less than in 1930. The cause of this decrease is not clear, but it is believed that the unsettled state of the world's fishery resources, which has prevailed since the outbreak of the war, is the main factor in the reduction. The fishery resources of the world are estimated to be about 100,000,000 tons, but only about 10 per cent of this is actually being harvested.

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**Depression in France Fails to Cut Number of Automobiles**

Paris—The number of automobiles in France continues to increase steadily, despite business depression. Statistics just made public show that in the year 1931-32 tax was paid on 1,251,238 motor passenger vehicles, compared with 1,109,006 the previous year.

Unfortunately, these figures do not differentiate between private vehicles and taxicabs and cars which play for public hire. Nevertheless, the fact is remarkable compared with the total for 1922 which was only 242,258.

Motor trucks are placed in a class by themselves. Last year there were 477,967 of them in use, compared with 411,435 in the previous year. The motorcycles increased from 441,569 to 488,147. Taxes paid on all kinds of motor vehicles amounted to nearly \$40,000,000. In 1922 only \$4,900,000 was obtained from this source.

Everyone turns his dreams into realities as far as he can; man is cold as ice to the truth, not as fire to falsehood.—La Fontaine.

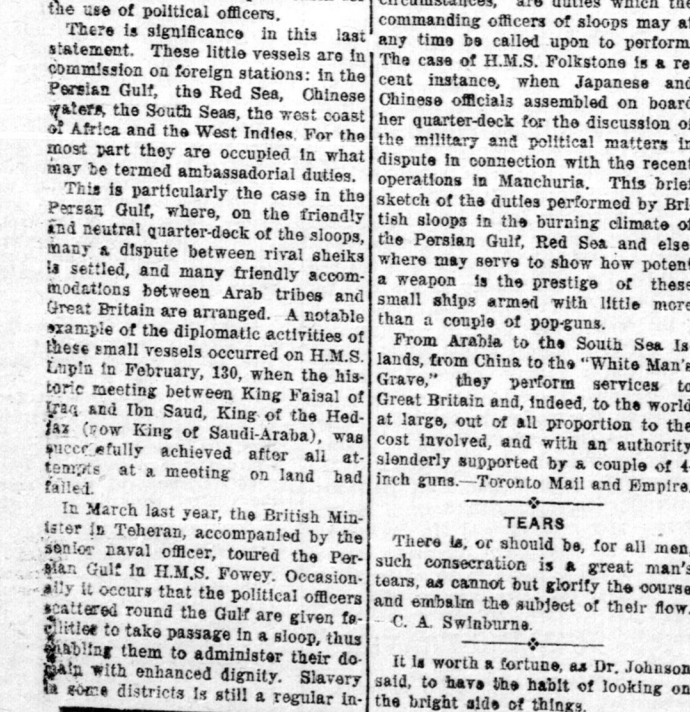
## Seek American "Copy"



British authority searching for material. The Hon. Betty Asquith, left, daughter of Lord Asquith, and the Hon. Eleanor T. R. Bagnall, daughter of Lord Charwood, arrive in New York City.

## MUTT AND JEFF

By BUD FISHER



## Money Far You Home

**A Snappy Answer**

**INSURED ON THE WORLDBY—THAT'S LIVER**

Take your Liver Bile. No Cold or fever, cough, or any other ailment, can be cured without the aid of the Liver Bile. It is the only medicine that will cure all these ailments. It is the only medicine that will cure all these ailments.

## Death of Great Arab

**Death of Great Arab**

The late Frank J. D. ... an enlightened and progressive leader of the press and public. For many years he has been a member of the ... of the press and public. For many years he has been a member of the ... of the press and public.

## Way of Fishing

**Way of Fishing**

The usual fisherman's life is a life of hardship and struggle. He must rise early in the morning, go to the water, and work hard to catch his fish. He must be patient and persistent, and he must be able to withstand the elements. He must be able to work long hours and to endure the heat of the sun and the cold of the wind.

## REICHEL'S

FIRST CLASS LIGHT



Controlled by MRS. F. W. ...

## IVAN W.

LIC. FUNERAL FURN.



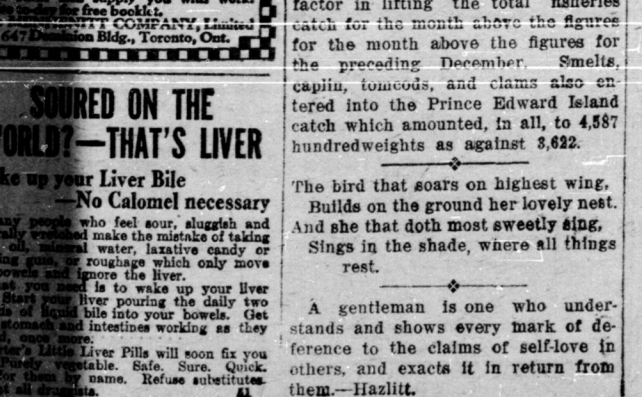
Pho. Nig. JARVIS.

## WOMEN



Adventure and glamour were its mesh.

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## WOMAN TAX COLLECTOR

Appointed in Bulgaria

**WOMAN TAX COLLECTOR**  
**Appointed in Bulgaria**

Sofia, Bulgaria.—For the first time in Bulgarian history a woman has been appointed as an official serving as treasurer, tax collector and secretary. This is not an elective office, for its incumbent is appointed by the state administration and is the most authoritative functionary in the community.

This first Bulgarian woman "tax collector" is Miss Bogdanova Boyoukchieva, a graduate of the law department of the state university.

## Mine Roofs Saved

By Spongy Metal

**Mine Roofs Saved**  
**By Spongy Metal**

New York.—A new kind of metal pillar that squeezes down a little like a sponge to save mine roofs from falling in was announced by the American Institute of Mining and Metallurgical Engineers last week.

The plastic metal is a special composition of lead. This is set between two telescopic sections of a rigid metal pillar. When the roof gets too heavy, the pillar, instead of breaking, compresses the plastic metal as if it were rubber. The pillars can shorten in this manner from 18 to 31 inches.

Compressible pillars like this one have been much used in mining, but not heretofore with plastic metal.

## WEALTH

**WEALTH**

What wealth it is to have such friends that we cannot think of them without elevation.—Thoreau.

## At First Signs of Pimples

Use CUTICURA

**At First Signs of Pimples**  
**Use CUTICURA**

Assist with the Outbreak. After five minutes baste with the Soap. Ointment 25c. and 50c.

## MINARD'S

"KING OF PAIN" LINIMENT

**MINARD'S**  
**"KING OF PAIN" LINIMENT**

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Yield to Lydia E. Pinkham's Vegetable Compound

When you are just on edge... when you can't stand... when everything is a burden... when you are irritable and tense... try this medicine. 98 out of 100 women report benefit.

It will give you just the extra energy you need. Life will seem worth living again.

## FORTUNE

**FORTUNE**

Fortune is more dangerous and treacherous when you crave than when she demays.—Fetard.