

CH SERVICES

Anglican—
 DEACON IRVING, Rzc.
 11 a. m. and 7 p. m.
 30 p. m.—Junior Auxiliary
 80 p. m.—Women's Auxilli-
 ardially invited to attend
Presbyterian—
 11 a. m. and 7 p. m. Sunday.
 8 p. m.—Church Service.
 8 p. m.—Prayer Meeting
 8 p. m.

Wanted Ads.

Pandora range, gas or
 dition, cheap. Apply T.
 3p23
 Small cream separator,
 few purebred Rhode
 Apply to Grainger,
 1tp
 Nine-piece Dining
 med oak; almost new,
 Office. 16p2
 Rubber tired Mr.
 leather top, leather
 pt even scratched, or-
 new; Price \$80. Don't
 new roads any longer.
 1v1s.
 Ford ton truck; '20
 ate body and cab;
 s; license; recently
 painted; A snap at
 orses and a bumpy
 service and speed—
 haul this fall? Phone

Fordson Tractor and
 w, used one season
 work horses cheap
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 Jarvis

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For Rent,
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A GOOD WINTER WHEAT

Farmers May Try Free a Well Tested Variety.

The O. A. C. No. 104 is a Proven success—(Other Experimental Tests Suggested—All Material Is supplied Free of Charge—A chance for Enterprising Farmers. Contributed by Ontario Department of Agriculture, Toronto.)
 The market value of the winter wheat of Ontario amounts to over fifteen million dollars annually. It is, therefore, one of the most important of the money crops of the Province. The acreage of winter wheat during the past year has been about the same as the average annual acreage for the past forty years. There is not a county or district in Ontario in which winter wheat is not grown, although in New Ontario the average annual amount is not more than about 20,000 bushels. Owing to the comparative low price of winter wheat at present, strict attention should be given to economic methods and to large yields.

O. A. C. No. 104 a Carefully Chosen Cross.

The Dawson's Golden Chaff is still the variety most largely grown according to the December Bulletin of the Ontario Department of Agriculture for 1922. With the object of securing even a better variety, crosses have been made at the Ontario Agricultural College between the Dawson's Golden Chaff and some other varieties, such as, Tasmania Red, Crimean Red, Turkey Red, Buda Pearl, Imperial Amber, and Bulgarian. A new variety has been originated at the College by crossing the Dawson's Golden Chaff and the Bulgarian. In both the College and the co-operative tests this new variety has made an excellent record, surpassing the Dawson's Golden Chaff in both yield and quality of grain. It is a white wheat, and resembles the Bulgarian in possessing a white chaff and the Dawson's Golden Chaff in a beardless head. It is a vigorous grower, and has been less subject to winter-killing than the Dawson's Golden Chaff.

The Value of Using Good Seed.

It is also important to use seed of high quality. The results of six years' experiments at the College, show an average increase in yield of grain per acre of 8.5 bushels from large as compared with small seed, of 7.3 bushels from plump as compared with shrunken seed, and of 25.6 bushels from sound as compared with broken seed. Seed which was allowed to become thoroughly ripened before it was cut produced a greater yield of both grain and straw, and a heavier weight of grain per measured bushel than that produced from wheat which was cut at any one of four earlier stages of maturity. In each of two years, when winter wheat was sown in the fields, germination tests of the grain were made. The following results show the average percentage of germination from each selection: Skin over germ, unbroken, 94; skin over germ, broken, 78; sprouts one-quarter inch long, 30; and sprouts one inch long, 18. Not only was the sprouted wheat low in germination but the plants produced were very uneven in size.

White Wheats vs. the Red Varieties.

White wheats as compared with red wheats yield more grain per acre, possess stronger straw, weigh a little less per measured bushel, are slightly softer in the grain, are more useful in the manufacture of shredded wheat and of pastry, and furnish a somewhat weaker flour for bread production.

Winter wheat which was grown on clover sod yielded much better than that which was grown on timothy sod, and that which was grown on land on which field peas were used as a green manure yielded 6.5 bushels of wheat per acre more than that grown on land on which buckwheat was used as a green manure.

Several Experimental Union Tests to Choose From.

In time for seeding this autumn, valuable material will be sent out from the College to those farmers residing in Ontario who wish to conduct experiments upon their own farms through the medium of the Experimental Union. The material will be supplied, free of charge, to those who wish to conduct the experiments and report the results in the early autumn of 1924. Any Ontario farmer may apply for the material for any one of the following series of experiments: (1) Three choice varieties of Winter Wheat (including O. A. C. No. 104); (2) One variety of Winter Rye and one of Winter Wheat; (3) Spring applications of five Fertilizers with Winter Wheat; (4) Autumn and Spring applications of Nitrate of Soda and Common Salt with Winter Wheat; (5) Winter Emmer and Winter Barley; (6) Hairy Vetches and Winter Rye as fodder crops; (7) Mixtures of Winter Rye and Hairy Vetches for seed production.

The size of each plot is to be one rod wide by two rods long. Fertilizers will be sent by express for Experiment No. 4 this Autumn, and for Experiment Number 3 next Spring. All seed will be sent by mail except that for Number 4 which will accompany the fertilizers. The material will be sent out in the order in which the applications are received, and as long as the supply lasts.—C. A. Zavits, O. A. C., Guelph.

"If you are going to do anything permanent for the average man, you must begin before he is a man. The chance of success lies in working with the boy, and not with the man."—Theo Roosevelt.

EAT MORE HOME-GROWN

We Import Too Much Foreign Agricultural Products.

Canadians Use a Good Deal of Imported Fruit, Vegetables and Grain—Their Value Estimated at Nearly \$109,000,000—The Mystery of Nitrogen—No Alcohol in Silage Milk. Contributed by Ontario Department of Agriculture, Toronto.)

Are Canadian farmers getting the full advantage of their home market? A study of the import figures for the fiscal year ending March 31st last reveals the amazing extent to which the food stuffs we most pride ourselves in producing are imported for consumption in Canada.

Take fruits for instance. Of apples we imported 155,201 barrels worth \$775,819. They weren't all early apples either, for 30,028 barrels were brought in during March. During the year we imported: Berries, \$114,492; cherries, \$83,349; cranberries, \$212,994; grapes, \$681,443; peaches, \$403,312; pears, \$566,729; plums, \$303,495; and strawberries, \$735,150; a total of \$3,907,083. Add to this \$1,786,522 for dried apples, apricots, peaches, plums and prunes, and \$492,828 for canned peaches, jellies and jams and imported fruits and fruit juices being \$28,409,235, besides an item of \$5,728,475 for nuts. Much of this was, of course, for subtropical fruits, but some of these might be substituted, to our financial and gustatory advantage, by home grown products. For instance, we might eat more roses apples and fewer oranges. While dealing with matters horticultural a bill for \$1,064,311 for plants, shrubs, trees and vines might be mentioned.

Coming to vegetables, our total bill for the fresh article was \$3,575,070, of which cabbage accounted for \$187,839, onions for \$487,009, potatoes for \$537,291, and tomatoes for \$965,941, a total for these four commonly grown articles of \$2,117,980. Of canned vegetables we imported \$526,210 worth; of sauces, catsups and pickles, \$518,660. Our total outlay for vegetables and vegetable products reached the considerable sum of nearly \$5,000,000.

We have a great dairying country in Canada, yet we purchased abroad during the year \$1,844,212 worth of milk and its products. This included \$1,349,819 for 3,787,573 lbs. of butter, \$327,022 for 116,517 lbs. of cheese, \$327,022 for condensed milk, \$92,710 for casein, and even \$23,274 for sweet milk and cream. Our butter importations were supplemented by 1,165,449 lbs. of imported oleomargarine.

Our foreign grain bill amounted to \$11,255,582, though this included \$7,895,288 for feed corn, and \$2,020,596 for rice, of which 13,000,000 lbs. came from China. Milled products cost us \$685,895, and prepared foods and bakery products another \$500,000.

Our total imports under the heading Agricultural and Vegetable Products, Mainly Food, came to the rather startling total of \$103,701,762. We could hardly be expected, however, to produce our own tea, coffee and spices, though we might considerably reduce our sugar bill, which now amounts to approximately \$40,000,000 a year, by growing more beets.

We also imported \$20,935,293 worth of alcoholic beverages, wheat, as we all know, are mostly derived from the products of the farm. It may be, however, that some of our exported grains and fruits returned to us in this highly manufactured form.—R. D. Colquhoun, Dept. of Agricultural Economics, O. A. C., Guelph.

The Mystery of Nitrogen.

Since animal life must depend upon plant life for its support, we must first learn how nitrogen gets from the air into the plant. Every farm boy has seen the grain turn yellow at times in the very early spring and especially the very early growing in the dead furrows of the fields. This occurs largely because there isn't enough nitrogen in the right form for the plants to get at this time of the year. As a single element existing alone, neither animals nor green plants can use nitrogen, and yet this is the source of the entire supply for all life.

If we go back into history of Roman agriculture, we will find that even the farmers of that time knew enough to grow legumes. Even though all of this was known, it was not until 1837 that the reason for it was discovered. Then it was that the little swellings always found on the roots of legumes were discovered to contain countless numbers of minute forms of life, now known as bacteria. Later it was learned that these little workers had a great deal to do with keeping the soil in fit condition for the growing of crops, for they, in their magic way of living, are capable of taking the nitrogen out of the air that is in the soil and making it become a part of the soil compounds. In this way we have the cheapest means of keeping up the nitrogen supply of the soil.—Hoard's Dairyman.

No Alcohol in Silage Milk.

Satisfactory evidence has been adduced to show that by the feeding of corn silage alcohol is transferred to the milk. While it is true that silage does have traces of alcohol in it, yet it is altogether probable that the alcohol, as well as the acids of silage, are completely burned up in the cow and never pass even in minute traces into the milk.

The poultry house should be built as low as possible without danger of the attendants bumping their heads against the ceiling. A low house is more easily warmed than a high one.

The Demand for Falls' Furniture is Unprecedented and we are meeting it with an Unprecedented August Sale

The Whole Strength of the Falls' Sale lies in having the Furniture that people want and having it at the lowest price that can ensure real economy. It stands to reason that one could never build up the greatest Furniture business in Western Ontario with any but furniture of the most desirable kind. Neither could a sales keep growing and growing until it dwarfed every other in Western Ontario, unless the economies offered were sound and dependable. How much Furniture you may need at this moment you, yourself, have the best reason for knowing. When it comes to a question of buying it, you are bound to see that it is to your interest to buy it at this Sale of unequalled assortments, unquestionable qualities, and lowest prices, all essentials considered. There is one August Furniture Sale in Simcoe that meets the description and practically everybody knows it.

During the August Furniture Sale You will Find Many Conspicuous Values in

- Mattresses
- Bed Springs
- Pillows
- Refrigerators
- Kitchen Cabinets
- Chesterfield Suites
- Bedroom Suites
- Dining Room Suites
- Den Furniture
- Office Furniture
- Rugs
- Odd Chairs, Etc.

Hundreds of Yards of New Curtain Nets

In a Special Purchase for Our August Sale—See them displayed in the Home Furnishing Department, Third Floor, at the yard 29c, 47c, 54c, 67c and 97c.

Linoleums are Specially Priced During the August Sale

- Printed Linoleums
- Battleship Linoleums
- Inlaid Linoleum, the colors go all the way through
- Cork Linoleums
- Linoleum Rugs
- Congoleum Rugs

Dinner Sets and Dinner Sets French and English

—The Largest Display west of Toronto. Its a great display—come and see it. All Dinner Sets are Specially Priced for the August Sale.

Falls' Downstairs Store is a Store in Itself

Displayed in the Downstairs Store

Many Unusual Values in Aluminum Ware—Here's One of Them.

"WEAR-EVER" Aluminum Preserving Kettle

Saves all the Fresh Fruit Flavor. No Stirring Necessary. Fruit Not Crushed

Special Offer-- 12 Quart Size
 Regular \$2.95 - Only \$1.97

Just what you need for canning, preserving and making delicious Jellies—Saves fuel, saves work, saves money. It's use will make your canning a pleasure this summer—a greater pleasure next winter—Handy every day for boiling stewing, steaming, pot-roasting, etc. At these special prices our stock will soon be exhausted so get your kettle today.

FALLS' DEPARTMENT STORE
 SIMCOE—DOWNSTAIRS STORE

Thousands of Balls of New Sweater Wools will be Ready for Selling Saturday—Scores of New Shades—All Specially Priced.

- Special Sale in the Downstairs Store of Trilby Sweater wool, all the desirable shades, 2 balls for 15c
- In the Wool department, Main Floor, clearing in odd lines in Sweater wool at about 1/2 price
- Monarch Kurly Wool, Ball, 19c
- Monarch Mohawk Wool, Ball, 19c

IN THE DOWNSTAIRS STORE FOR A FEW DAYS
 "Sea Foam Chips" regular 25c package 2 for 35c

Falls' Round-Up This Week

- Women's Street and Porch Dresses—Beach Cloths, Chambrays, Gingham, sold up to \$6, Choice, \$2.47
- Women's smart styles in Ratines, Beach Cloths and Muslin Dresses, Sold up to \$7.00. Choice \$4.95
- Women's fine Voile Dresses, in the newest styles, sold up to \$10.50. Choice \$6.95
- What is left of our finest Summer Dresses that sold up to \$20.00, August Sale, Choice \$9.50

Men's Linen Handkerchiefs
 Full size—Hemstitched 2 for 25c

CORSETS—BRASSIERES AT BARGAIN PRICES

- Women's Corsets in medium and low bust, long hip, front and back lace. Values up to \$4.00—August Sale, choice \$2.29
- Women's Brassieres and Bandeaux, white and pink, August Sale, 68c

The Last Shipment of White Flannel Skirts at \$5.00
 Knife and Box Pleated. A Special Offer

In the Notion Department

- Colgates Talcum Powder and vial of Perfume—August Sale 20c
- Real Palm Olive Soap—3 cakes for 19c
- Large size Writing Pads, fine smooth paper 2 of them for 23c
- Colgates all round Bath Soap, 3 cakes for 29c

There are lots of visitors to Simcoe these Holiday Days—

OVERHEARD IN THE STORE
 "The Town I live in has a population of nearly 2,300 and we haven't a store that is one, two, three with this one."

Falls' Department Store