With Autumn Sown Crops.

The Wheat harvest has been completed at the Ontario Agricultural College. The weather conditions of the past year have been favorable throughout Ontario for the successful growth of most of the Autumn sown crops. The brief report here presented gives some of the principal results of the experiments conducted at the Agricultural College and throughout the Province of Ontario.

Sixty-one varieties of Winter Wheat were grown in the Experimental Department during the past year. The five highest leading kinds were of the Dawson's Golden Chaff class, having beardless heads, red chaff and white grain. The yields in bushels of grain per acre of these varities were as follows: Abundance 62.7; No. 7 American Wonder, 58.7. In weight of grain per measured bushel, all the five varieties went over the standard of 60 lbs., the Dawson's Golden Chaff and the Abundance reaching 61 & lbs. These varieties are all softer in the grain, but yield more bushels per acre than such sorts as Tasmania Red, No. 5 Red, Turkey Red, Crimean Red and Buda Pesth. Those varieties of Red Wheat which give the highest yields of grain in the past year were as follows: Imperial Amber, 58.2 bus.; Auburn, 57.5 bus.; Genesee Reliable, 57.1 bus.; Early Ontario, 56.8 bus. and Prosperity, 55.9 bus per acre. The average yield of grain per acre in 1905 was 56.7 bushels for the eighteen varieties of White Wheat and 51.7 bushels for the forty-three varieties of Red Wheat. Generally speaking, the White Wheats yield more grain per acre, possesses stronger straw, weigh a little less per measured bushel and are slightly softer in the grain than the red varieties.

Within the past two years, efforts have been made to improve both the quality and the yield of grain of some of the best varieties of Winter Wheat by means of systematic selection and by cross fertilization. There were forty-one new strains of Winter Wheat grown at the College this year as a direct result of the work done in plant selection. Some of these are very promising. Of twelve new strains of Dawson's Golden Chaff, eleven yielded better than the ordinary variety reported in the previous paragraph, and two yielded at the rate of fully 68 bushels of grain per

Some of the most interesting crops of Winter Wheat grown at the College in 1905 were those obtained from crosses made between different varieties in previous years. Several thoushnd hybrid plants were grown separately and are now being carefully examined, and classified and the seeds selected for Autumn sow ing. These hybrids were secured by crossing such varieties as Dawson's Golden Chaff, Bulgarian, Turkey Red, The object in this work is to secure new varieties which possess the good qualities and eliminate the poor qualities of the present varieties. The results so far are very encourag-

made at the College show an average and roots. increase in yield of grain per acre of 6.8 bushels from large as compared seed, and 35.6 bushels from sound as compared with broken seed. which was allowed to become very ripe before it was cut produced a greater yield of both grain and straw and a heavier weight of grain per of four earlier stages of maturity. In 1897 and again in 1902, a large amount of the Winter wheat in On tario became sprouted before it was harvested owing to the wet weather. Carefully conducted tests showed that an average of only 76 per cent of the slightly sprouted and 18 per cent, of the badly sprouted seed would grow and produce plants. sow none but large, plump, sound, ripe seed of good vitality.

In each of six years, experiments have been conducted in treating Winter Wheat in different ways to kill the stinking smut and the results have been satisfactory. Untreated seed produce an average of 3.6 per cent. of smut in the crop of last year the test of five years. and 9.3 per cent. of smut in the crop of this season. Seed wheat which RESULTS OF CO OPERATIVE EXPERIMENTS was immersed for twenty minutes in In the co-operative experiments edy,"-that's why. a solution made by adding one pint of conducted throughout Ontario in 1905 formaldehyde (formalin) to forty-two under the direction of the Experigallons of water produced an average mental Union, the varieties of Winyield of grain per acre of 50.4 bashels ter Wheat gave the following average forms muscle, sinew, bone and nerve. in 1904 and 50.8 bushels in 1905, and yields in bushels of grain per acre: that which was untreated produced Dawson's Golden Chaff, 23.2 Imperibody, making delightful color, happy only 46.6 bushels and 43 bushels per al Amber, 22.2. Michigan Amber, spirite, true womanly strength. acre for the corresponding two years, 21.7, Buda Pesth, 21.1, Turkey Red, Fifty cents buys a box of Ferrozone thus making an average saving of 20.1 and Banatka, 19.4 Winter Rye in any drug store. nearly 6 bushels per acre. The treat gave an average yield of 24 bushels ment here mentioned was easily per per acre. The Winter Barley was formed, comparatively cheap, effect badly winter killed throught the ual in killing the smut spotes, and Province Hairy Vetches and Wininstrumental in furnishing the lar ter Rye gave 8 1 and 7.6 tons of green gest average yield of wheat per acre fooder per acre respectively. of all the treatments used.

In an experiment conducted at the College on four different occasions. winter wheat grown on land on which | ial will be distributed free of charge | business and to the fact that his a crop of green pease was plowed un- in the order in which the applications uncle died and left him \$99,800." der produced an average yield of are received from Ontario farmers wheat per acre which was 22 1 per wishing to experiment and to report cent. (6.5 bushels) greater than that the results of any one of the followproduced on land on which a crop of ing tests: 1. Hairy Vetches and green buckwheat was plowed under Winter Rye as fodder crops; 2, three and 14.2 per cent. (4.2 bushels) great varieties of Winter Wheat; 2, five er than that which was worked as a fertilizers with winter wheat; 4, table it actually laid there. bere fallow, having been plowed autumn and spring applications of three times during the summer. The nitrate of soda and common salt on Pyke-"Hush that's nothing. results of an experiment conducted Winter Wheat; and 5. two varieties saw a fellow who doesn't pretend to in the year 1900 show that for that of Winter Rye. The size of each be an artist draw a glass of beer to one year at least the winter wheat plot is to be one rod wide by two rods day, so naturally that I actually which was sown on red clover sod long. Material for numbers 3 and 4 drank it."



Photograph by Topley, Ottawa.

BARONESS MACDONALD OF EARNSCLIFFE

The Widow of Canada's Great Statesman The study of the lives of great men reveals in countless instances that eir inspiration, stimulus, and constant source of new strength, was the love and companionship of a devoted woman The debt of helpfulness that the late Sir John A. Macdonald, Canada's great Premier and statesman, owed to Lady Macdonald, his second wife, cannot be overestimated, according to the testimony of those who knew them both. "All that Lady Beaconsfield was to the Conservative Premier of England," says one, "Lady Macdonald was to the Conservative Premier of Canada. Their understanding of each other was complete.'

On the island of Jamaica, the birthplace of two other brilliant women -the Empress Josephine and the third Lady Holland-Lady Macdonald, daughter of Hon. T. J. Bernard, a member of the Privy Council, was born in 1836. The death of her father, while she was still a child, made it necessary to take her to England for her education. When she was eighteen, she came to Canada with her mother for a visit, her two brothers, Richard and Hewitt Bernard, having entered the legal profession at Ottawa, and there she met Sir John Macdonald. Thirteen years later, in 1867, they were married in London. It was a red-letter year in the calendar of their lives and the history of Canada, for it was the year in which the British North American Provinces were united into a federation. Sir John becoming Premier and governing the New Dominion through its trying first years.

Lady Macdonald accompanied her husband to Washington, and was with him during the long deliberations of the Joint High Commission which resulted in the Treaty of Washington in 1871. She was with him, too, on that great trip over the new Canadian Pacific Railway, whose very existence was so largely due to him, and the steel rails of which bound and unified Canada into one great dominion as no bonds of law could ever do.

On the death of Sir John, in 1891, recognizing his splendid services to the Empire, and the zealous devotion of his widow to all the public interests. Queen Victoria was graciously pleased to raise her to the peerage by making her a Baroness in her own right-the only Colonial thus honored -with the title Baroness Macdonald of Earnscliffe. Besides her social and philanthropic work, Lady Macdonald has written frequently for the magazines on Canadian topics dear to her heart. Since 1896, when she disposed of Earnseliffe, her beautiful home in Ottawa, she has resided in England.

Entered according to Act of the Parliament of Canada, in the year 1905, by W. C. Mack, at the Department of Agriculture.

yielded 20.7 per cent. greater than will be sent by express and that for that which was sown on timothy sod the others by mail. Two years' results with commercial fertilizers show that 160 lbs. per acre of nitrate of soda increased the yield of winter wheat 7.2 bushels at a cost of about eighty cents per bushel. As a result of hundreds of inquiries we learn that in Ontario, about 33 per cent of the Winter Wheat is sown on pea ground, 25 on clover sod, 11 kidneys, which must be strengthened on barley ground, 10 on timothy sod, before backache can be cured. Why 9 on summer fallow and 12 on land not use Dr. Hamilton's Pills? They The results of twelve separate tests following potatoes, beans, oats, corn cure the kidneys quick, and make

Many tests conducted at Guelph amount might be increased for poor land and decreased for rich soil. the land is in a good state of cultivation it matters but little whether the seed is sown broadcast or with a tube drill, but if the land is dry or lumpy measured bushel than that produced that which is sown with the drill is from wheat which was cut at any one likely to give the best results. The highest yield per acre have been obtained from sowing between the 26th of August and the 9th of September.

The average results for six years show a yield of grain per acre of 60.4 bushels for the Mammoth variety and 57.5 bushels for the common variety of Winter Rye. The returns from Winter Barley in Ontario are Surely he is the wise farmer who will uncertain as sometimes the yields are very high and sometimes they are very low. The two varieties grown in 1905 gave only 7.2 and 8.7 bushels per acre. Winter oats are a repeated failure at the College The Hairy or Winter Vetches produce an average

DISTRIBUTION OF MATERIAL FOR EXPERI-

MENTS.

C. A. ZAVITZ, O.A.C., Guelph Ont., Aug. 17th. 1905,

A PERSISTANT BACKACHE.

Can have but one cause-diseased them strong and able to filter disease -breeding poisons from the blood. with small seed, of 7.8 bushels from about ninety pounds of winter wheat brighter. Kidney health is guarnt'd plump as compared with shrunken per acre on an average soil. This to every user of Dr. Hamilton's Pills. Get a 25c. box from your druggist, and refuse substitutes.

> "George said he went to a Turkish bath last night, and that's what kept him out late," remarked Mrs. Newli

> "I don't believe there is such a thing as a Turkish bath," replied her

"You don't? Why?

"Because I saw a Turk once."-Catholic Standard and Times.

RADIANT WOMANHOOD.

The glory and satisfaction of beautiful womanhood can be known only to those possessing the unlimited advantage of health. No weak woman can be happy or enjoy half the pleasures of life. Pallid cheeks, sunken. yield of 10.2 tons of green crop per eyes; exhausted nerves, all tell of acre in the experiments for four years the terrible struggle to keep up. and of 76 bushels of seed per acre in | What the weak woman needs is Ferrozone; it renews, restores and vitalizes instantly-it's a 'woman's rem-

Ferrozone makes women strong, plump and healthful because it contains lots of nutriment, the kind that Vitalizing blood courses through the

An exchange gets off the following: "We've just got word of a country editor who started in business fifteen years ago with a capital of \$200 and retired the other day worth \$100,000. His accumulation of wealth was ow. As long as the supply lasts, mater- ing to frugality, strict attention to

> Hyker-"D'Auber is certainly a great artist. I saw him draw a hen on a piece of white paper the other day, and when he threw it on the

A Warning to Mothers.

Too much care cannot be used with small children during the hot weather of the summer months to guard against bowel troubles. As a rule it disease may be checked in its incip- sale at Parker's Drug Store. iency and all danger avoided. The castor oil and this remedy should be procured at once and kept ready for instant use as soon as the first in- lain's Colic, Cholera acd Diarrhoea dication of any bowel trouble ap Remedy at hand knows this to be a Mar. 10, 04-tf pears. This is the most successful fact. For sale at Parker's Drug treatment known and may be relied Store. upon with implicit confidence even in cases of cholera infantum. For sale at Parker's Drug Store.

whenever the stomach is out of order, or the digestion weak, will do whispered. more than any other treatment to prevent the diseases caused by germs at this season.

If the stomach is weak so that food does not readily digest in in it, the food will become a sour, slimy, fermenting mass in the digestive organs the ideal condition for germs to cause bowel trouble, diarrhoea, or other summer illness.

Mi-o-na will soothe and heal the side of the door: irritated mucous membrane of the stomach and digestive tract, stimulate the solar plexus, and strengthen the whole nervous system. This remarkable remedy will make the whole digestive system so healthy, clean and sweet that food cannot ferment and any disease germs which may enter the stomach will be destroyed.

Just one small tablet out of a fifty cent box of Mi-o-na before eating, and you will have no headaches, back-ache, poor appetite, distress afsleeplessness, or general debility. It will tone up the digestive system and | West. give perfect health and strength.

Take Mi-o na now, and MacFarlane & Co. will guarantee to refund the money if it does not cure. The risk is all theirs.

He-"I would lay the world at your feet." She (haughtily)-My dear sir, it is there already. Don't assume credit for the law of gravitat-

We Make Men

Manly in their appearance. Use men right, and they will act the man in return. We endeavor to supply the

Latest Patterns,

Shades, and

Best Quality

to be had for the money

We Guarantee

An up-to-date garment in style, and workmanship. Anything you want-from the heavy, wearing Tweed, to the finest quality in Cheviot. Serge, and Worsted, in Fancy, Black or Blue.

In Men's Furnishings we are right up-to-date in

Hats and Caps, Working or Fancy Shirts, Ties, Collars, Sox, Gloves, Umbrellas, Suspenders, Underwear, Sweaters.

In fact everything that is found in an up-todate furnishing Store.

PRICFS RIGHT Give us a call and be satisfied.

Merchant Tailor.

Nothing on the Market Epual to

Chamberlain's Colic, Cholera and Diarrhoea Remedy.

This fact is well known to drugis only necessary to give the child a gists everywhere, and nine out of dose of castor oil co correct any dis- ten will give their customers their order of the bowels. Do not use any preparation when the best is asked substitute, but give the old fashioned for. Mr. Obe Witmer, a prominent castor oil, and see that it is fresh, as druggist of Joplin, Mo., in a circular nauseates and has a tendency to to his customers, says: "There is gripe. If this does not check the nothing on the market in the way of bowels give Chamberlain's Colic, patent medicine which equals Chamb-Cholera, and Diarrhoea Remedy and erlain's Colic, Cholera and Diarrhoea then a dose of castor oil, and the Remedy for bowel complaints." For

A little forethought may save you no end of trouble. Anyone who makes it a rule to keep Chamber-

They were newly married and on each meal during the summer month own and tapped gently on the panel. "I'm back, honey; let me in," she

No answer.

"Honey, honey, let me in!" she called again rapping louder. Still no

"Honey, honey, its Mabel. Let

There was a silence for several sec-

House and Lot For sale

IN BRUCE ST., DURHAM, NEW brick house, 30 x 32; 2½ storeys high; double cellar, cement floor one half, furnace in the other half. Small barn with stone stable under-be sold. For particulars apply to Furniture Factory and Cream ter eating, heart-burn, furred tongue | Separator Works. Will sell cheap to | Feb. 22nd 1905 -tf quick purchaser. The owner is going

> For further particulars apply to WM. LEGGETTE,

June 14, tf. Box 92, Durham.

Farm For Sale or Rent.

CONSISTING OF 100 ACRES, Jan. 28-tf. U being Lot 11, Concesion 19, Egremont 3 miles from Dromore; 3-4 mile from School. 1-4 mile from Church. Contains good frame barn 54x64, on stone basement, good stables underneath. Windmill to pump water to basement or field. Comfortable frame house; small orchard; well watered. For further particulars apply to

D. P. COLERIDGE, or at this Office.

NEW ADVERTISEMENT.

H. H. Miller

THE HANOVER CONVEYANCER

Now offers the following: 100 ACRES, south-west of Varney, in Nor-

MANBY. An extra good farm and well improved. Owner anxious to go West. 150 ACRES, BENTINCK, north of Allan Park. Well improved and offered very

125 ACRES, on 18th Concession of Nor-MANBY. Well improved and well located Offered cheap. Will rent if not sold. 100 ACRES, BENTINCK, near Rocky Sau

Good farm with good timber Will sell cheap. DURHAM RESIDENCE, belonging to Mr

J. L. Browne, photographer, offered at

MONEY TO LOAN at lowest rates. INSURANCES PLACED in No. 1 Com panies at low rates. DEBTS COLLECTED. BUSINESS DIFFICULTIES arranged.

C. P R. TICKETS for sale to all points.

Always Prompt-Never Negligent.

H. H. MILLER.

Take Care of Your Horses Feet.



in levelling and balanc- particulars apply to ing your horse's foot, I have the Scientific Horse Foot Leveller which is the latest and best contrivance for that purpose and will guarantee satisfaction.

W. GUTHRIE,

The Blacksmith

NASMITH'S home made bread for sale at G. Lawrence's.

Farms For Sale.

7 ACRES IN NORMANBY, 6 miles from Durham,

100 ACRES IN BENTINCK, near Rocky 150 ACRES IN EGREMONT, 4 miles from

Durham. Good buildings. 150 ACRES IN EGREMONT, near Orchardville. Good buildings. 150 ACRES IN GLENELG, near Bunessan Brick house and good barn.

00 ACRES NEAR WILDER'S LAKE Good land and fine buildings in first-class 300 ACRES NEAR HOLSTEIN. Brick

house, large barns, well watered. In splendid condition. The above lands are all offered for sale cheap, on easy terns. For particulars

> MACKAY & DUNN, Vendor's Solicitors.

For Sale.

A DESIRABLE PIECE OF PROP. a honeymoon trip. They put up at A erty consisting of twent-five acres a skyscraper hotel. The bridegroom one-half mile east of Corporation of the BEWARE OF SUMMER GERMS | a skyscraper notel, The orldegroom felt indisposed and the bride said she would slip out and do some shopping. | Town af Durham, described as South part of Lot 59, Con. 2, E. G. R., Glenelg. On the premises is a comfortable brick five-Will Cause Sickness Unless Stomach In due time she returned and tipping roomed cottage, a good frame barn and is Strengthened With Mi-o-na.

blithely up to her room, a little awed by the number of doors that all look-look of the best running water. All ed alike. But she was sure of her right. For further particulars apply to THOS. DAVIS,

Lot 2, Con. 3, N. D. R., Glenelg. April 4, 1904.—tf. DURHAM P. O.

Farm for Sale.

PEING PARTS OF LOTS 62 AND D 63, Bentinck, Con. 2, W. G. R., adjoining the Corporation of the Town of Durham. The farm consists of 421 acres -about 4 acres woodland, the balance unonds; then a man's voice cold and der grass. Comfortable dwelling and good full of dignity, came from the other comfortable outbuildings. Small orchard. Just the kind of place for a dairy farmer or market gardener. Sold at right price "Madam, this is not a bee hive; and on easy terms as the proprietor init's a bathroom!"-New York Sun. tends going west and wishes to dispose of it. H. BURNETT, Proprietor Jan. 20, 1905 .- tf. DURHAM, ONT

Good Farm for Sale.

N THE GARAFRAXA ROADabout six miles from Durham. Good title. Possession at once. Good land. Must

J. P. TELFORD, Durham

For Sale or Rent.

T OT 51, 52, 53-Sideroad 50, 11 miles north of Priceville. Farm in first class condition, Good buildings with running stream convenient to the barn. For further particulars apply to DUGALD D. MCLACHLAN,

Priceville P. O.

Town Lots for Sale.

N THE CENTRAL PART OF Durham. Four lots on the West side of Albert Street, for private residences. Now is the time to get these lots. For further information apply to

J. M. HUNTER, Durham. April 12, 1904.-tf.

Park Lot For Sale.

DARK LOT NUMBER 13 NORTH of Saddler street in the Town of Durham, in the county of Grey, containing 4 acres more or less. For terms and particulars apply to

J. P. TELFORD, Vendor's Solicitor, Durham.

Houses for Sale.

QRICK OR FRAME-APPLY TO J W. CRAWFORD. Also several building lots.

Houses to Rent.

TWO GOOD HOUSES, NEW BRICK good location, garden lot with each, Rent reasonable to right tenant. Situated on Queen street. Apply to JAMES CARSON or ED. WALSH.

House to Rent.

IN THE FIRST OF DECEMBERa comfortable, conveniently situated house on Lambton street west. Spring water tap in kitchen. Rent reasonable. Apply to N. McIntyre, Durham

Nov. 8th.

TO LET.

GOOD 7 ROOMED HOUSE FOR A rent in Upper Town. Apply to J. M. LATIMER.

TO LET.

THREE ROOMS ABOVE A. Mo-Laughlan's Store, recently occupied by Dr. Gunn as office-to rent on easy terms. W. H. BEAN. Sec'y A. F. & A. M.

House for Sale.

COOD FRAME HOUSE, AN ACRE MASS. Of the land, good orchard and garden, well watered, well located in Durham. Will sell at right price to a quick purchaser. For WM. SLATCHER

For Sale.

MOLT, THREE YEARS OLD, BY Clear Grit. Apply A. B. McLELLAN. Glenelg Centre.

Tramp-Please give me a bite? Kind Lady-I'm sorry, but I don't keep a dog. - New York Mail.

Vleans in

Flour is co tiny granules. To make go

must be unifo In poorly m are large, som

The small of and "ripen" the result is texture.

The large gr into "sponge, hard particles bread and ma ROYAL H

is perfectly m nules are unit rises uniform texture — pe looking, app digested.

Ogilvies ba tion by brand Ogilvie's Ro



whole world dancing "Yes; but they'll ta n you the church for it! "Well, you kin hole h on the highway

"There's joy enough to k

"Yes but they'll arrest you turbin' the peace! "Don't seem to be any

erable as you please!"-Atla stitution.

"Oh, yes! You can be jes

Deafness Cannot be Cu by local applications, as the

reach the diseased portion of There is only one way to c ness, and that is by cons remedies. Deafness is caus flamed condition of the mu ing of the Eustachian Tub this tube is inflamed von rumbling sound or imperfed and when it is entirely clo ness is the result, and u inflammation can be taken this tube restored to its no dition, hearing will be dest ever; nine cases out of ten ed by Catarrh, which is no the inflammed condition of ous surfaces.

We will give One Hundr for any case of Deafness (catarrh) that cannot be Hall's Catarrh Cure. Sen culars' free. F. J. CHENNY & Co.

Sold by druggists, 75c. Take Hall's Family Pills tipation.