Within the past seven years, one hundred and thirty-three varieties of winter wheat have been very carefully tested in the Experimental Department at the Agricultural College, Guelph. Besides ascertaining the comparative yields of grain and straw of the different varieties; the wheats have been closely examined each year for their quality of grain, time of maturity, strength of straw, freedom from rust, etc., in order to determine which kinds will give the most satisfactory results, when grown under uniform conditions. After the various varieties have been carefully tested at the College for a few years, those which have given the best satisfaction are selected for distribution throughout Ontario. This system of co-operative experimental work enables the farmers to determine for hausted. themselves which of the leading varieties will give the best results upon their own particular forms. As a practical result from obtaining information in this way, hundreds of farmers are now growing varieties in their regular farm practice, which were entirely urknown to them a short time ago. For instance, the Dawson's Golden Chaff variety of winter wheat, which has recently given such high average yields of grain per acre, both at the College and throughout Ontario, was scarcely known except in one neighborhood near Guelph, until it was sown in our Experimental Grounds in 1891, and afterwards distributed for cooperative experimental work. This is winter wheats in this Province. In the fall of 1895, nine leading var

atory

Sarsa-

commend

cted with

ied with

up stairs

knees. I

ring read

ces :

I deter-

bottles.

88. G. A.

ptly and

ieties of winter wheat were distributed in this way. They were divided into two sets with five varieties in each. The Dawson's Golden Chaff was used in both sets to form a basis by which the results of all the varieties could be compared with one another. Each person who wanted to conduct an experiment, stated in his application which set he desired, and the five varieties in the set selected were sent to his address, with full in structions for conducting the experiment. The grain was sown at the rate of one add one third bushels per acre, upon plots exactly uniform in size and shape. The yields per acre have been calculated from the actual results obtained from the plots.

Ninety reports of carefully conducted experiments have been received this season up to the time of writing. As these came from twenty seven of the counties in Ontario, the results should be of real practical value to the farmers of the pro vince.

The following table gives the comparative results of straw and grain per acre of the winter wheat varieties tested during the past season on 90 Ontario farms

Straw per Grain per

	acre (tons).	acre bu., 60lbs.
Dawson's Golden Chaff	1.29	26 9
lones' Winter Fife	1.45	26.9
Pride of Genesee	1.30	25.0
Early Red Clawson	1,27	24.9
Surprise'	1.27	23.8
American Bronze	1.31	23.7
Early Genesee Giant	1.26	23.1
Bulgarian	1.20	21.
Jones' Square Head	1.12	20.2
CONCLU	SIONS.	
1 In average Vie	ld of v	rinter wheat

per acre. Dawson's Golden Chaff stood highest among eleven varieties tested over Ontario in 1893, nine varieties in Colwell. 1894, nine varieties in 1895, and nine varieties in 1896, also among fifty three varieties grown at the Agricultural Col- township. lege for five years in succession.

for 1896, Dawson's Golden Chaff, Jones' Beaton on Monday. Winter Fife, and Pride of Genesee gave the best yields on heavy soils, and Jones' Winter Fife, Dawson's Golden Chaff, and Mr and Mrs Jas Kirton. Surprise, on light soils.

3. Pride of Genesee, Dawson's Golden Chaff, and Jones' Winter Fife made the

best appearance in the spring of 1896. 4. Early Genesee Giant, Early Red Clawson, Dawson's Golden Chaff, and American Bronze possessed the stiffest

straw in 1896. produced the greatest length of straw. 6. Dawson's Golden Chaff, Bulgar. great success fishing.

ian, and Pride of Genesee were the least, fected by the rust.

en grain.

edly the most popular variety with the graceful dancers, and a lovely time until experimenters, in each of the post four 2 p.m., when the company dispersed for years; and in 1896, it was chosen by their respective homes. about fifty per cent. of the farmers who sent in full reports, as being the best among the varieties tested.

10. Six varieties of winter wheat have been tested over Ontario three years in succession with the following average results in bushels of grain per acre: Dawson's Golden Chaff, 31.8; Jones'

east, and eleven west of the city of teriorated; they still stand first as the Guelph.

The principal failures in the winter wheat experiments not included in this report, were caused by winter killing, grasshoppers, accidents, etc., and in some instances by the experimenters not conducting the tests in exact accordance with the instructions given.

three speak of wishing to discontinue the make. co-operative experimental work, and much interest has been manifested

throughout. 14. Varieties which have given good average results in the experiments at the college for a few years, have also given good satisfaction throughout Ontario.

ISTRIBUTION OF SEED FOR TESTING PURPOSES.

In the following table will be found which will be sent free, by mail, in half pound lots of each variety, to farmers Their present destination is Winnipeg, home in every respect. applying for them, who will carefully Man. test the three kinds in the set which they. choose, and will report the results after harvest next year. The seed will be sent out in the order in which the applications are received as long as the supply lasts. Set No. 1-Dawson's Golden Chaff,

Farly Genesee Giant, Early Red Clawson Set No. 2-Dawson's Golden Chaff, Pride of Genesee, Poole. Set No. 3-Dawson's Golden Chaff,

Stewart's Champion, Siberian. should write to the Experimentalist, leaving the harbor about 2 o'clock. fatally. Such a report was entirely Agricultural College Guelph, mentioning Those who saw them passing out without foundation, and his numerous which set he desires; and the grain, with through the gap never dreamed that friends here are rejoicing over the fact. instructions for testing, and blank form they would dare to go out into the Some such accident did overtake a on which to report, will be furnished open lake with such a high wind pre- man named Eastman on the above date free of cost to his address, until the sup ply of grain for distributing becomes ex-

C. A. ZAVITZ, Agricultural College, Experimentalist. Guelph, Aug. 14, '96.

marks on his skin would be now one of the most popular varieties of foolish to attempt to wear them off by hard work. The person with a severe cough or cold is about as unwise to attempt to wear that off. This wear off" idea has cost many a life.

Scotts Emulsion of Cod-liver Oil, with Hypophosphites, gives immediate aid by smoothing the cough and supplying tonic remedies to the weakened system. prevents consumption by promptly curing these colds and supplying the preventive power by which the system

can withstand disease. SCOTT'S EMULSION has been endorsed by the medical profession for twenty years. (Ask your doc-tor.) This is because it is always palatable—always uniform—always contains the purest Norwegian

Cod-liver Oil and Hypophosphites.

Put up in 50 cent and \$1.00 sizes. The small size may be enough to cure your cough or belp your baby.

with friends at Port Perry. Mrs H A Wetherell is visiting her rough weather. parents, Mr and Mrs Law, Newcastle. The Misses Hastings Toronto, are the Catairn guests of their sister, Miss Maud Has-

W H Metcalfe will spend the remainder of the school vacation with friends at

have returned from visiting friends at

Asher Wilson, of Detroit, is visiting friends here and in other parts of the

Miss Florence Wales, Columbus, and 2. In the co-operative experiments Wm Robson, Toronto, called on D R

are rusticating with the former's parents, graph Co., of Brampton, Ont , has been

Thornton, Mrs Clarry, Misses Lillie speedy relief that I continued the use of 5. Pride of Genesee, Jones' Winter returned on Saturday from a camping ex. found myself absolutely and completely Fife, Bulgarian, and American Bronze pedition to Adam's point, Scugog. They cured. For these four bottles I had to

Theo Hagerman's was the scene of a year getting nowhere.' and the Surprise, Early Genesee Giant, very large and pleasant gathering on and American Bronze were the most af. Thursday evening. A new barn having been erected, the purpose of the gather-Early Red Clawson and Dawson's ing was to have a good time and christen Golden Chaff were the first to mature, the barn. The newly laid floor was and the Pride of Genesee, Early Genesee | found to be level and of such smoothness Giant, and Bulgaian were the last to ma | that involuntarily the company fell to dancing. Of course they did not all con-Dawson's Golden Chaff, Surprise, fine their dancing to the barn, as some and Early Red Clawson produced the waltzed out of there, while others polkad plumpest grain, and Jones' Winter Fife off the ground, and stepped a measure and American Bronze, the most shrunk- homeward bound. In the barn, however, all went merry as a marriage bell, 9. Dawson's Golden Chaff was decid- a splendid company, elegant music,

> First in the Estimation Canadian Women.

brightest, strongest and fastest colors, and never fail to do what is promised for

Many inexperienced buyers are put to great loss and inconvenience by using the on Sunday, Aug. 22nd. The Rev. crude and imitation dyes, If every buyer insisted upon having

the "Diamond," profit and pleasure 18. Of the two hundred and eighty would always result from the dyeing four experimenters who have reported operation. Beware of imitation. Ask played base ball with Bowmanville the results of their tests for 1896, only for the Diamond Dyes; take no other against Port Hope on Monday.

> Parents Must have Best. A President of one of our Colleges says

BOWMANVILLE.

Messrs. A. C. Williams, A. Aunger,

take part in the Provincial matches at wagon. Quebec where he also was quite suc-

Each person wishing one of these sets took Miss Lena Darch for a boat ride, onto, and that the same had terminated vailing, but they did and were soon in the city. away a considerable distance from land. Observers on shore began to ed a severe electrical shock on Monday realize that from what they saw the morning during that heavy thunder boat had got beyond control and fan- storm. He was not over its effects for cied they could see Peate struggling to some days. return to shore. But all efforts proved in vain, and farther and yet farther southward the little craft drifted before the stiffening breeze that blew off the north shore. By this time the location. waves were running quite high out on the lake, and consternation reigned in through to the east Wednesday evening the hearts of all watchers on the piers. pushing a preambulator in which was a Few persons would dare to venture out child about two years old. They all in such a storm of wind, therefore it looked poverty stricken and were con-The man with the tattoo was towards evening before the attempt siderably helped by our people. It was made. A rescuing party made ready and started out across the breakers to endeavor, if possible, to rescue the unfortunate young couple. After following the drifting seafarers three or four miles to the south-east the wouldbe rescuerers could get no sight o them, and after scanning the water's boisterous surface for some time without getting a glimpse they decided leturn to port as they had either drifted beyond their vision and reach or had fallen a prey to the treacherous billows. With much difficulty they turned round reluctantly giving up the object for which they had taken great risks, and after a tremendously hard struggle against very high winds and at times almost overpowering waves they succeeded in reaching Port Bowmanville again, very tired and disheartened over the failure of their mission. Their boat was many times nearly swamped by the breakers. The news they brought, or rather failed to bring, filled all hearts with deepest sorrow. A message was sent to Port Hope requesting a life-boat to be sent out from

Misses Eva Quinn and Minnie Beaton Remarkable Evidence of What Dr. Agnew's Catarrhal Powder will Accomplish.

Catarrh that becomes embedded, as it were, in the system, is usually pronoun ced chronic and incurable. But that all depends. Henry W, Francis, an em-Mrs S Dickson and little son, Toronto, ployee of the Great North-western Telefor ten years. He says, "I tried every We regret to learn that Thos Todd is remedy during these years, and also callhaving much trouble with his diseased ed in the assistance of doctors, but little arm, and is quite ill from the effects of or no benefit came to me. I saw Dr. Agnew's Catarrhal Powder advertised, Messrs H Clarry, W H Metcalfe, E A and secured a sample, which gave such Major, Ida Thornton and Willetta Beare the medicine up to four bottles, when I had a very pleasant outing, and had pay \$2.40, where for ten years I had been spending dollars upon dollars every Sold by J. E. Willis, Whitby.

# NEWCASTLE.

Mrs. Burchard has returned from Credit Forks.

Mrs. Brown and Miss Howe, of To-

the churches here on Sunday was very druggists sell it.

WORLD'S small on account of the hot weather. Mr. Rice of Toronto, paid New-starving to death in Labrador.

can Bronze, 27.8; Surprise, 27.8; and Bulgarian, 27.2.

The women of Canada many years ago again in front of the old mill, Bond with winter wheat have been received this season from twenty-seven counties in Ontario, sixteen of which are situated east, and eleven west of the city of the Diamond Dyes has never decast. proven against them it is hoped they will not escape wito a small fine.

The Harvest Home in connection Only a Positive Sympton—Not a Disease of ith St. George's church will be held self—Cured by Dodd's Kidney Pills. with St. George's church will be held Mr. Roper, of St. Thomas' church. Toronto, is to be the preacher.

Jack Maloney and Arthur Simmon

The hair, when not properly cared for, loses its lustre, becomes crisp, harsh, and dry, at falls out freely with every combing. To pr we spent many eleepless nights in consequence of our children suffering from colds, but Ayer's Hair Vigor. It imparts this never occurs now. We use Scott's Emulsion and it quickly relieves pulmonary troubles. vent this, the best dressing in the market Ayer's Hair Vigor. It imparts that silky gloss PICKERING.

James Gordon spent a few days last and C. Saunders, graduates of Bow- week in Peterboro. While there he three sets of winter wheat varieties, manville High School, left yesterday called on Dr. J. H. and Mrs. Eastwood for the west to seek their fortunes, and found them pleased with their new

W. D. Gordon's driver took a frolick-Lieut. W. C. King, 45th batt, re- some notion the other day and ran turned Saturday morning from Eng- from opposite Mr. Mullitt's residence where he distinguished himself to near the station before being subat Bisley in the rifle matches by win- dued. The rig was not injured and the ning several prizes. He stayed over to driver never left his place on the

A report was circulated here Monday afternoon to the effect that Dr. J. H. On Sunday Arthur Peate, son of Mr. Eastwood, of Peterboro, had received Richard Peate, tailor, King St. East, a sunstroke on Sunday while in Tor-

Fred Merritt, of King street, receiv-

Miss Etta Margach has been engaged as teacher in the Ripley public school, and she left for that place last Friday. We wish her every success in her new

A blind Italian and a woman passed matters not how people become thus reduced, they were in that condition and the assistance was gladly received.

Owing to the very great success, financially, that attended their picnic and concert on July 1st, the firemen were enabled the other day to pay off \$100 of the indebtedness upon the hall. The balance yet due does not exceed \$15, which will be provided for just as soon as opportunity permits.

A. J. Huggins is rather uneasy these days. While drawing in grain for Peter McDiarmid, and while building the load he received a fork prod on the wrist. No attention was paid to the mishap at the time and not until it commenced paining a few hours after did the puncture receive his immediate attention, when blood-poisoning was threatened. Extreme measures were employed and we are pleased to say

that Mr. Higgins is much improved. Ann M. White, beloved wife of N Brown, died at their residence, King street, on Thursday of last week, after an illness of several years duration. that port, which was done and although Deceased was in her 52nd year. She they made a sweep of many miles, no had been in poor health and while in trace of the boat or its occupants was the States underwent an operation that discovered. Peate was not a very did not prove satisfactory and since skilful rower, hence the probability was then she has been growing gradually visiting the Misses Hamilton at Ethel Mrs Alex Armstrong spent last week very slim of his being able to handle weaker until the end came as above park. the boat with much success in such stated. She leaves a husband and Mr and Mrs Waddel, Scotland, are adopted son to mourn her demise. visiting their daughter, Mrs John Proc-The bereaved husband is also in very tor. poor health. The funeral was held on Saturday when the remains were inter- day last from a three weeks' holiday in red at the Friend's cemetery, Kingston road, east, when a large number of relatives and acquaintances attended. -News.

# PALE GIRLS

Weak, languid and listless, suffering from heart palpitation, nervousness, stomach troubles or constipation, should use Indian Woman's Balm. It cures.

# WEAK WOMEN

Run down, easily tired, pain in back or limbs, troubled with dizziness, rush of blood to the head, faint Heling, nausea, try Indian Woman's Balm. • It's nature's remedy for women.

For Sale by J. E. WILLIS, WHITBY.

Agitation in the world of homospathic medipolitics and religion—the difficulties of opinion | make the day a very enjoyable one. and the individuality of men have been parent to the disagreements by which the standard of these bodies have been elevated. So with most of our famous preparations-foremost in illustration of which truth stands the world-Mr. Allan Foster, of Rochester, is visiting his mother, Mrs. Foster.

Messrs. Wright, E. Crosher and R. Crosher, of Toronto, spent Sunday in town.

Miss Nate Menzies, of Toronto, is visiting at Mr. Hugh Davidson's.

The altendance at services in all the churches here on Sunday was very manual to the properties.

Mr. Allan Foster, of Rochester, is oughly discussed remedies ever offered to the profession of the great tonics and life giving stimulants which the medical profession have been compelled to recognize and prescribe. Messrs. Northrop & Lyman, of Toronto, have given to the preparation of their pure Quinine Wine the great care due to its importance, and the standard excellence of the article which the unfortunate to regain their health and happiness, I promise you perfect secrecy and happiness, I promise you perfec

Hundreds of persons are reported to be

Cure for Dropsy.

CAMPBELLEORD; (Special,) Aug. 17—An unlooked for and remarkable recovery from advanced stage of dropsy is just made public here. It is the case of Mrs. John Wesse, wife of the widely known veteran stage proprietor, whose life, for months, had been despaired of. From the accumulated water peculiar to this disease she became so helpless as to be unable to drag one foot after the other. She now appreciate the street and save she is as well as ther means had failed, she thanks Dodd's Kidney Pills for her unexpected cure.

What is

# 

Castoria is Dr. Samuel Pitcher's prescription for Infants and Children. It contains neither Opium, Morphine nor other Narcotic substance. It is a harmless substitute for Paregoric, Drops, Soothing Syrups, and Castor Oil. It is Pleasant. Its guarantee is thirty years' use by Millions of Mothers. Castoria destroys Worms and allays feverishness. Castoria prevents vomiting Sour Curd. cures Diarrhœa and Wind Colic. Castoria relieves teething troubles, cures constipation and flatulency. Castoria assimilates the food, regulates the stomach and bowels, giving healthy and natural sleep. Castoria is the Children's Panacea-the Mother's Friend.

## Castoria.

"Castoria is an excellent medicine for children. Mothers have repeatedly told me of its good effect upon their children."

DR. G. C. OSGOOD, Lowell, Mass.

which I am acquainted. I hope the day is not far distant when mothers will consider the real interest of their children, and use Castoria instead of the various quack nostrums which are destroying their loved ones, by forcing opium, morphine, soothing syrup and other hurtful agents down their throats, thereby sending them to premature graves."

DR. J. F. KINCHELOE,

## Castoria.

"Castoria is so well adapted to children that I recommend it as superior to any prescription known to me."

fl. A. Archer, M. D., 111 So. Oxford St., Brooklyn, N. Y.

"Our physicians in the children's department have spoken highly of their experience in their outside practice with Castoria, and although we only have among our medical supplies what is known as regular products, yet we are free to confess that the merits of Castoria has won us to look with favor upon it."

UNITED HOSPITAL AND DISPENSARY, Boston, Mass.

Conway, Ark. | ALLEN C. SMITH, Pres., The Centaur Company, 77 Murray Street, New York City.

## BEAVERTON

Mr Sam Glassford, Kirkfield, was in town on Sunday. Mr M McGowen paid Toronto a business trip last week.

Mrs Nixon, Toronto, is a guest at the Hamilton house this week. Messrs Clark and Brandon, Canning-

ton, are camping in Barbar's grove. Messrs W and L Scott and the Misses Scott, of Sutton, were in town on Mon-

Mrs S C Gooderich, Uxbridge, is visiting friends in Ethel park at present. Miss McGrattan, Uxbridge, was visiting friends in town during the week. Miss Alice Hamilton, of Uxbridge, is

Rev Dr Watson returned home Mon-

Western Ontario. Mr Bud Tisdale is once more able to

be out, but is somewhat the worse yet from his recent severe illness. Mr W Gibbs, jr., of Fenel Falls, spent Sunday in town, as did Messrs Wilson

and McLeod, of Woodville. The interior of St. Andrew's church is being kalsomined. Messrs Adams &

Martin is doing the work. The Misses Ritchie entertained about twenty of Sutton's young people who came over on a small steamer on Mon-

Mr and Mrs John McRae and Miss L McRae returned home last week from a very pleasant visit with friends in Corn-

Mr Fred Tisdale, Kirkfield, is spending his holidays with his relatives, Mr and Mrs Hodgskinson.

The union picnic held here last week by the congregations of the English churches of Orillia and Cannington was a very large affair, 900 people coming from Orillia by the steamers Islay and Lillie, while about 800 people came over from Cannington. The Cannington contingent was accompanied by the Canningcines has been ics very soul of progress, as in ton band, whose good playing helped to

## ONE HONEST MAN.

famous remedy to general debility and langour that it written to confidently I will mail in a WESTERN BANK OF CANADA. ronto, are at the summer hotel at Port
Newcastle.

Mr. Norman McBride, of Winnipeg, is in town.

Mr. Allan Foster, of Rochester, is

Mr. Allan Foster, of Rochester, is public. It is one of the prest topics and life.

Mr. Allan Foster, of Rochester, is public. It is one of the prest topics and life.

Mr. Allan Foster, of Rochester, is public. It is one of the prest topics and life.

Mr. Allan Foster, of Rochester, is public. It is one of the prest topics and life.

Mr. Allan Foster, of Rochester, is public. It is one of the prest topics and life.

Mr. Allan Foster, of Rochester, is public. It is one of the prest topics and life.

Mr. Allan Foster, of Rochester, is public. It is one of the prest topics and life.

ed in the Stuart street yard, Hamilton.

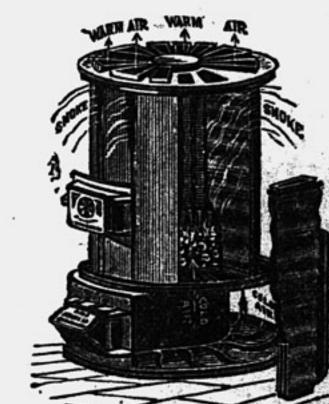
The Best Pills,—Mr. Wm. Vandervoort,
Sydney Crossing, Ont., writes: "We have
been using Parmelee's Pills, and find them by
Been using Parmelee's Pills, and the been using Parmelee's Pills, and the been using Parmelee's Pills, and the been using Parmele

inches higher than at this date last year.

winard's Liniment for sale ever where

Rich strikes of gold and copper continue to be reported from Rossland, B.C.

When the by was seen we gave her Chaire la When she was a Child, she cried for Cassoriahen she became life, she ching to Castoria. When she had Children, she gave them Castorla. The Most Economical ...House Warmer



"Kelsey" Corrugated Warm Air Generator.

Any ordinary Hot Air Furnace will produce heat if you will only supply enough fuel. The "Kelsey" has several special and valuable give more heat with less fuel and is the most durable heater made. The "Kelsey" fire pot being constructed of several upright, tubular, corrugated, cast iron sections (see cut) around which the fire passes and up through which the cold air passes while being heated, and this entire section

being wrapped with a heavy steel casing which becomes heated by the fire striking it when passing down outside of upright sections towards smoke pipe, it in turn warms the air that passes up between this steel casing and the galvanized iron casing, this explains why the "Kelsey" has three times more radiating surface and warm air capacity than an ordi-nary Furnace. The "Kelsey" heats every room evenly, wheresoever located, with a nice, mild, healthful warm air that will not injure

your furniture. The "Kelsey" will heat rooms 60 feet The " Kelsey " does not heat your cellar. The "Kelsey" is absolutely gas and dust

Send for descriptive catalogue. THE JAMES SMART MFG. CO... BROCKVILLE, Ont. Exclusive Makers for Canada.

FOR SALE BY

BRYAN & SON

DUNDAS ST., WHITBY.

\$1,000,000 BOARD OF DIRECTORS.

OHN COWAN, ESQ., President. REUBEN S. HAMLIN, ESQ., Vice-Pres. T. H. McMillan, - - - Cash General Banking Business trai

Drafts issued, payable in all parts of Cada, United States, and on London, I land, payable in all parts of Europe. per cent. allowed on Savings Bank Depo and credited half yearly. Special attention to co.

E. D. WARREN. Manager of Whitby Br

CHILD TO THE TRANSPORT OF THE PROPERTY OF THE PARTY OF TH