71. Saskoh, Osaka.

Winter Wheat: A Valuable New Variety

Dr. C. A. Zavitz, Ontario Agricultural College, Guelph.

The market value of the winter sults show the average percentage of wheat of Ontario amounts to over fif- germination from each selection: Skin teen million dollars annually. It is, over germ, unbroken, 94; skin over therefore, one of the most important germ, broken, 76; sprouts one-quarter of the money crops of the province. inch long, 30; and sprouts one inch acreage of winter wheat during long, 18. Not only was the sprouted the past year has been about the same wheat low in germination but the plants produced were very uneven in past forty years. There is not a size.

In the past year has been about the same wheat low in germination but the plants produced were very uneven in their work. One of the toys made, polar Bears in an Arctic Setting, was sent to the Headquarters Loan College, in New Ontario the average annual it seems to be generally true that there can be set over against that their work. One of the toys made, leadership of a local man. Lessons the leadership of a local man. Lessons the leadership of a local man. Lessons the leadership of the outstanding personalities of the beloved physician. Because of the lection at London, being much and a song book to each family. In stitute members paying a small fee.

At the close a concert was given by writings about the same way that there can be set over against that there can be set over against that the leadership of a local man. Lessons that the life of the leadership of the le the past year has been about the same wheat low in germination but the bushels. Owing to the comparative wheats yield more grain per acre, Another unique feature was a quilt the class to defray expenses.

ture for 1922. With the object of se- Winter wheat which was grown on ing place in the Prince's Canadian in boxes. curing even better variety, crosses clover sod yielded much better than ranch home. have been made at the Ontario Agri- that which was grown on timothy sod, have been made at the Untario Agri- that which was grown on land on eultural College between the Dawson's and that which was grown on land on BOTH WORK AND PLAY IN THIS and donated \$10 toward shades. such as Tasmania Red, Crimean Red, manure yielded 6.5 bushels of wheat Turkey Red, Buda Pesth, Imperial per acre more than that grown on Amber, and Bulgarian. A new var-land on which buckwheat was used as work at Vernon, Ont., we have a feeling of gratitude that we have not ing of gratitude that we have not prizes for best costumes: had games of the hopeless misery of spiritual darkness. rising from the millions of Turkey Red, Buda Pesth, Imperial per acre more than that grown on In looking back over the year's by crossing the Dawson's Golden In time for seeding this autumn, stood still, but that some real work prizes for best costumes; had games Gospel. The apostles had communicated at the College a green manure.

In March Gospel. The apostles had communicated at the College a green manure.

In March Gospel. The apostles had communicated at the College a green manure.

In March Gospel. The apostles had communicated at the College a green manure.

In March Gospel. The apostles had communicated at the College a green manure. Chaff and the Bulgarian and this is valuable material will be sent out from has been done the good of the now known as the O.A.C. No. 104. In the College to those farmers residing community. Nine meetings were held this a little out of the content of the conten

Not only is it important to sow the and one of winter wheat; (3) Spring an added attendance and deeper interest. With the usual socials and New is the time to say also important to use seed of high winter wheat; (4) Autumn and spring concerts we raised \$447.59 during the quality. The results of 6 years' examplications of nitrate of soda and year and paid \$140 on our piano; \$25 periments at the College, which were common salt with winter wheat; (5) was used in buying clothing for woconducted in duplicate each season, Winter emmer and winter barley; (6) men and children of fire sufferers in And with Longfellow: show an average increase in yield of Hairy vetches and winter rye as fod- Northern Ontario, and in October four "Let us then be up and doing grain per acre of 6.8 bushels from der crops; (7) Mixtures of winter rye large boxes consisting of bedding, With a heart for any fate, large as compared with small seed, and hairy vetches for seed production. quilts and pillows, nightgowns and Still achieving, still pursuing, of 7.8 bushels from plump as com- The size of each plot is to be one second hand clothing for men, women Learn to labor and to wait." broken seed. Seed which was allowed No. 4 this autumn, and for experiment was cut produced a greater yield of sent by mail except that for No. 4,

The Dawson's Golden Chaff is still in the manufacture of shredded wheat it, but remained a fascinated observer made flower beds, the W. I. members but a great heart. His Gospel is called more work without fee or reward than

now known as the O.A.C. No. 104. In the College to those farmers residing community. Nine meetings were held this new variety has made an excellent record, surpassing the Dawson's Golden Chaff in both yield and quality of grain. The O.A.C. No. 104 is a supplied, free of charge, to those who wish to conduct the experiments and sparing in possessing a white chaff and the Dawson's Golden Chaff in a of 1924. Any Ontario farmer may and the Dawson's Golden Chaff in a of 1924. Any Ontario farmer may apply for the material for any one of stitutes are doing in Canada, and Rurand name the Golden Chaff in a of 1924. Any Ontario farmer may apply for the material for any one of stitutes are doing in Canada, and Rurand name the following seven experiments: (1) all Horticulture, indicate the range of the chaff in a of stitutes are doing in Canada, and Rurand name that the college to those farmers residing community. Nine meetings were held this, a little out of line in a Scotch this, a little out of line in a Scotch this, a little out of line in a Scotch this, a little out of line in a Scotch this, a little out of line in a Scotch this, a little out of line in a Scotch this, a little out of line in a Scotch this, a little out of line in a Scotch that they can accomplish with practice.

As Institute workers, we are striving to be allowed to merely pass from of the way to quickest and missionary and the passon's Golden Chaff in a of 1924. Any Ontario farmer may kitchen Short Cuts, What Other Interval the workers, we are striving to be allowed to merely pass from the passon's feed, words, death and remaining to reach the ear of the Christian Church, while a they can accomplish with practice.

As Institute workers, we are striving to be allowed to merely pass from or the work of the stablished facts in our religion. Even as they delivered, and missionary some of the stablished facts in our religion. Even as they delivered the passon's the passon's feed the conduct the same time the community. Wins meetings were held this, a littl killing than the Dawson's Golden Three choice varieties of winter our interests. During winter months wheat; (2) One variety of winter rye meetings were held in the homes, with

pared with shrunken seed, and of 35.6 rod wide by two rods long. Fertilizers bushels from sound as compared with will be sent by express for experiment to become thoroughly ripened before No. 3 next spring. All seed will be both grain and straw and a heavier which will accompany the fertilizers. weight of grain per measured bushel The material will be sent out in the than that produced from wheat which order in which the applications are than that produced from wheat which order in which the applications are than that produced from wheat which order in which the applications are the supply has become one of the most interesting play, the proceeds to be used for the things by which has become one of the most interesting play, the proceeds to be used for the things by which has become one of the most interesting play, the proceeds to be used for the things by which excellent Theophilus. All we men live; and that intrepid Labrador Christian and also a man of high worship as the things by which excellent Theophilus. All we men live; and that intrepid Labrador christian and also a man of high worship as the things by which excellent Theophilus. All we men live; and that intrepid Labrador christian and also a man of high worship as the things by which excellent Theophilus. All we men live; and that intrepid Labrador christian and also a man of high worship as the things by which the paysocial events of the exhibit and the payrank, as is indicated by the title of worship as the things by which the payworship and worship as the things by which the paysocial events of the exhibit and the payrank, as is indicated by the title of mination tests of the varieties of winter wheat sent out for sult that a better understanding is some local organization may contri- II. LUKE, THE WRITER OF THE ACTS,

handle the herd of growing pigs in order to get the maximum results from the minimum outlay in feed and labor is of vital importance. With a herd of growing cattle all that is necsary is to give good pasture with a little salt and surface and sur handle the herd of growing pigs in for Lot 3. they will come along all right. While graes and water slone are not entirely After selling eggs by parcel post sible to do with the an ingements; encouraged. It has been found much for two years I have found out two and they must, in most cases, be dimere satisfactory to offer several that Luke was a native of Philippi, when cold add 1 ounce each mustard and that Paul's vision of the man of s long way in supplying their feed reimportant facts about this method of rected, to a large extent, in the things small premiums than a few large ones.

Some schools have found it advisable macedonia was preceded by a visit and curry powder and 1 cup vinegar.

t was thought advisable to include in In summer they find fresh eggs plenting suggestions may be of great value. This proved an attractive part of the Jewish ceremonial washings.

Green Pickle—One peck green tomations of the Jewish ceremonial washings.**

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ley and middlings, equal parts, plus bad or broken egg. five per cent. tankage. From twenty. The eggs are gathered each day, ways.

slightly from day to day. fore all three lots at all times and Lots the eggs cannot shake about if the the community; attractive posters, more than twenty-four hours.

The milk was charged per one hundred pounds beds at actual market lows:	and the ather
Oats	.75 per cwt.

POULTRY

s long way in supplying their feed requirements and consequently reduce the amount of concentrates or grain whom we ship in the big city, about the supplying their feed requirements and consequently reduce to be done and the methods of doing. Some schools have found it advisable to give, addition to other premiums, from Luke, who urged Paul to come ples, small onions; 6 green peppers—

small premiums than a new large ones. Some schools have found it advisable to give, addition to other premiums, from Luke, who urged Paul to come ples, small onions; 6 green peppers—

small premiums than a new large ones. and that Paul's vision of the man of Macedonia was preceded by a visit to give, addition to other premiums, from Luke, who urged Paul to come ples, small onions; 6 green peppers—

small premiums than a new large ones. and that Paul's vision of the man of Macedonia was preceded by a visit to give, addition to other premiums, from Luke, who urged Paul to come ples, small onions; 6 green peppers whom we ship in the big city, about

If it is a school fair the teacher will to give, addition to other premiums, from too much dictaprinted about, second, to Philippi.

Vs. 11.13. Neapolis; the port of Philal chopped. Simmer with 14 cups

what I consider substantial salaries. tables and decorate the rooms; third, vocational boys are always of interest. worshipped God. This Gentile woman and ½ cup or more of mixed whole Lot No. 1 was housed in clean dry They do not hesitate to pay the same a boy to see that the products are enparters in the main hog pen, while prices for the eggs as they pay in tered in the proper classes as they are ing a competent judge. Sometimes the greater light of the greater l Lots 2 and 8 were turned out on clover their local stores. This often nets brought in; fourth, a boy to act as agricultural representative is avail
grated horseradish. Seal.

Whose neart the Lord opened: for the grated horseradish. Seal.

grated horseradish. Seal. pasture, each lot having a portable us five cents or more a dozen than we clerk for the judge on the day of the able and does satisfactory work; in household. Lydia was a woman of could secure locally. They furnish show; fifth, a boy to place ribbons on other cases the extension department means, and had servants. They share The three lets were fed rations of and maintain their own twelve-dozen the products and distribute the prizes. may be able to furnish a good in her spiritual blessing. Come

weeks to the end of the experiment sorted and put directly into the crates, Here are suggestions that might be November 1st the mixture was; so we have no extra handling. The helpful: An attractive, well-arranged premium list, to be circulated, a letter premium list, to be circulated premium list, to be circula November 1st the mixture was; so we have no extra handling. The helpful: An attractive, well-arranged Scouring in feeding lambs can be continuously in the company of Paul. I'd choose a cocoanut for drink.

Freeh drinking water was kept be make the fillers firm and solid, so that of handbills distributed throughout practically without feed and water for 200d treatment, being allowed to live Oh, that would surely be a treat! and 2 were fed their grain in the crates are handled roughly somewhere and window displays.

let for all our surplus eggs is a few exhibitor in a single class. pleased customers. Good eggs, good No entrance fee shall be charged longer until they are accustomed to it.

The Doctor. There is a rather uning his life as a result of the popular.

For Home and Country

The Prince of Wales at an Institute Quilting Demonstration BY GIBSON SCOTT.

At the Royal Agricultural Show at and children were sent. In January Newcastle-on-Tyne the Northern \$83 was collected in the community Counties Women's Institutes of Eng- and sent with another large box of land were represented by an exhibit bedding, quilts and pillows. We conof handwork of all descriptions. A ducted a Community Singing Class

CANADIAN INSTITUTE.

There is an old saying: "All work

To-morrow we may not live."

Hold a School Fair This Year

BY E. G. WILLIAMS

grain were made. The following re- Experiment No. 1 in the above list. established between the present and bute. The more common plan has been

Pigs.

Spectively.

The cost of producing one hundred busy summer days on lbs. of gain, labor included, was \$22.90 that there is no stronger incentive to merchants or others interested. In story of the acts of the apostles, but rather to show how the gospel of Jesus jam.

Sweet Pickled—One peck tomatoes, Sweet Pickled—One peck tomatoes, and the cost of producing one hundred farm than personal interest and account measure is not to tell the whole story of the acts of the apostles, but rather to show how the gospel of Jesus jam. the farm, the question of how best to for Lot 1, \$11.86 for Lot 2, and \$10.45 tivity in some practical phase of farm gift. work. And the special interest that The exhibits shown may be sold at Christ's ministry and teaching.

One reason for this is that the boys back.

In order to obtain some information on the first problem are experiment was conducted on the first problem are experiment of the first problem are experiment to conduct problem are experiment was conducted on the first problem are experiment was conducted on the Experimental Stater, perhaps because most of the eggs performance as much as possible with speaking in connection with the show. appointed from Rome. Where prayer then to be obtained in the stores or the classes or committees in charge of In one instance a room was provided was made: a place where the Laws. then to be obtained in the stores or the classes or committees in charge of In one instance, a room vas provided was . made; a place where the Jews marmalade. While testing out the effect of pasture markets are stale or cold-storage eggs. the various departments. The follow- for the exhibition of relics and curios, met for prayer and for the observance

Second, those to whom we ship eggs program on the day of the show; sectest. Demonstrations in knot-tying, trade. It was here Lydia got her 4 shredded red chili peppers, 2 table-Second, those to whom we ship eggs program on the day of the snow; sections in another snow; sections in another snow; sections in another snow; sections in the snow; snow; show and snow; sections in the snow; show and snow; sections in the snow; show and snow; show and

ground barley, one part; plus five I have learned that two precautions to carry out their particular duties.

The people nave connuence. Future god, and his servants. One insists on boys are chosen by their classmates, shows may be discouraged through giving hospitality.

The people nave connuence. Future god, and his servants. One insists on the people nave connuence. Future god, and his servants. One insists on the people nave connuence. Future god, and his servants. One insists on the people nave connuence. Future god, and his servants. One insists on the people nave connuence. Future god, and his servants. One insists on the people nave connuence. Future god, and his servants. One insists on the people nave connuence. Future god, and his servants. One insists on the people nave connuence. Future god, and his servants. One insists on the people nave connuence. Future god, and his servants. One insists on the people nave connuence. Future god, and his servants. One insists on the people nave connuence. Future god, and his servants. One insists on the people nave connuence. Future god, and his servants. One insists on the people nave connuence. Future god, and his servants. One insists on the people nave connuence. Future god, and his servants. One insists on the people nave connuence. Future god, and his servants. One insists on the people nave connuence. Future god, and his servants. One insists on the people nave connuence. Future god, and his servants of the people nave connuence. Future god, and his servants of the people nave connuence. Future god, and his servants of the people nave connuence. Future god, and his servants of the people nave connuence. Future god, and his servants of the people nave connuence god and his servants of the people nave connuence god and his servants of the people nave connuence god and his servants of the people nave connuence god and his servants of the people nave connuence god and his servants of the people nave connuence god and his servants of the people nave connuence From fourteen to must be taken: the eggs must be They may have assistants, if needed. make use of the experience of the past,

PAUL, COL. 4: 14: 2 TIM. 4: 11. wenty weeks the mixture consisted of fresh, and must be packed well. We After having elected officers for the but the fair needs to be kept up-toanely ground oats, finely ground bar- never have had a report of a single show, the next problem is one of advertising. This can be done in several

by, two parts; plus five per cent. kept in a warm, dry room many days, of the pupils to the leading farmers of farm. For a number of years I have 2 Tim. 4: 11. This letter was writtankage. Each lot received the same they lose much of their fine flavor, and the community; announcements at fed Western lambs which I buy on one ten during Paul's second and last im- I know the nuts would fall some day, amount of skimmilk, which varied moisture evaporates from them. public meetings; a series of news of the lake markets. On the trip from prisonment in Rome. In the first im- And I could surely find them all In packing we use old papers to items for local newspapers; a number market to my farm the lambs are prisonment. Paul had comparatively And have the milk, all fresh and swe

future generation of the community. to depend on individual contributions Acts 1: I. The former treatise; the quart brown sugar, mixed spices to Summer Pasture for Growing pounds gain on Lots 2 and 3 re
It is gradually coming to be realized of money or merchandise from local Gospel of Luke. The object of this taste (mace, allspice, cinnamon, nutthat there is no stronger incentive to merchants or others interested. In second treatise is not to tell the whole

the test a comparison of self-feeding and pail-feeding. Thirty pure-bred to the city; besides, they do not contain the city; besides of the city

form of a milk and water slop; while in transit.

A few rules are necessary in rungit right on green asture without danwith me. Paul needs friends more put right on green asture without danwith me. Paul needs friends more put right on green asture without danwith me. Paul needs friends more put right on green asture without danwith me. Paul needs friends more put right on green asture without danwith me. Paul needs friends more put right on green asture without danwith me. Paul needs friends more put right on green asture without danwith me. Paul needs friends more day are turned on green pasture they will mas, who was with him, has forsaken tree. next door and their friends asked if during the preceding season on the scour. I put them in a field or feed him, having loved the world better The very best that ever grew! next door and their friends asked if during the preceding season on the scour. I put them in a field or feed mm, naving loved the world better the very best that every best that every best that the could ship more eggs than we do, but An entry of corn shall consist of ten plenty of dry hay and clean water. Had a contention. Now Paul has recogour shipments are limited to the surour shipments are limited to the surears, unless otherwise provided for.

Then I turn them on a clever pasture nized the worth of Mark. Mark had Mustard and other gases are to be plus from our good-sized farm flock. Entries should be made in person, if for an hour or two. After this they overcome himself and proved himself employed in clearing out nests of are brought back to the feed lot for worthy of the friendship of the great rattlesnakes in Texas. under these conditions to find an out- Only one entry will be allowed any hay again. Each day for a week I apostle.

The Sunday School Lesson

SEPTEMBER 16

Luke, the Beloved Physician. Luke 1: 1-14; Acts 1: 1-5: 16: 9-18; Col. 4: 14; 2 Tim. 4: 11. Golden Text-A friend loveth at all times, and a brother is born for ad-

The Dawson's Golden Chaff is still in the manufacture of shredded wheat it, but remained a fascinated observer made flower beds, the W. I. members but a great neart. His Gospel is called more work without fee or reward than cording to the December Bulletin of what weaker flour for bread production and all enclosing arms. It is the unitary that Luke brings between the Chrisquilt might find an appropriate abid. Society, gave their flowers to be used form us. The Medical Missionary. Dr. J. D. quilt might find an appropriate abid- Society, gave their flowers to be used fore us. Luke was evidently a person Jones says that Luke is "the first of means, which were also, like mind Christian medical missionary." It is As we have the Hall free for all our and heart, dedicated to God, and so he easy to believe that this is very litermeetings we felt we would like to do becomes the ministering companion of ally true; that Luke, traveling with something to make it more homelike Paul in his missionary labors and ex- Paul, both preached and used his skill periences.

came from the apostles. Eyewitnesses, The Doctor as a Literary Man. and ministers. The reason why the Hobert on "The Medical Language of apostles should be the sole authorities Hobart, on "The Medical Language of was twofold. First, they were intimate St. Luke," in which the author makes friends and eyewitnesses. Second, a minute comparison of words used in after the ascension of Christ, they

Having had perfect understanding of writes like a doctor.

Three medical men of our own time the heginning." Luke has made a per-

as to get up a show for the adults. for those who wish their products companion of Paul, v. 12. We endeavored. Luke stayed behind in Philippi. utes. Sieve, add 1 tablespoon black and girls should have as much as pos- Expensive premiums should not be Five years later Paul and Luke meet pepper, 1 ounce cloves, salt to taste, 1

fine three lots were fed rations of and maintain their own twelve-dozen the products and distribute the prizes. may be able to rurnish a good in her spiritual blessing. Come.

From twelve to fourteen weeks of age, both ways—on the empty and the fillthe others, yet each has a particular judge should be a man in whom purse and home are also opened to mixture of finely ground oats, two ed crates. We have no fillers or crates job, for which he is responsible. These the people have confidence. Future God, and his servants. She insists on

Col. 4: 14. This Epistle was written I'd like to have some trees that grow by Paul during his first imprisonment. In other lands beyond the sea; in Rome. Luke, the belowed physician. I'd like to own a breadfruit tree, After the second meeting in Philippi, And take the fruit, instead of dough,

more than twenty-four hours.

When they arrive they cannot be He is in a real prison. Only Luke is What maple sugar is, could see

At the close a concert was given by the class to defray expenses.

been born in Antioch in Syria. It is by observed, people uning of the physician in much the same way that Paul education, both literary and medical, did. Without going into specific definitions and interest of the class to defray expenses. low price of wilder wheat at present, possess stronger straw, weigh a little ing demonstration. This tent was an strict attention should be given to less per measured bushel, are slightly object of particular interest to the school verandah, and the teacher, a painter of no mean skill. He shows that the physician's is the most altrustration of the school verandah and the teacher, in his writing not only a trained wind listing of the school verandah in his writing not only a trained wind listing of the school verandah in his writing not only a trained wind listing of the school verandah in his writing not only a trained wind listing of the school verandah in his writing not only a trained wind listing of the school verandah in his writing not only a trained wind listing of the school verandah in his writing not only a trained wind listing of the school verandah in his writing not only a trained wind listing of the school verandah in his writing not only a trained wind listing of the school verandah in his writing not only a trained wind listing of the school verandah in his writing not only a trained wind listing of the school verandah in his writing not only a trained wind listing of the school verandah in his writing not only a trained wind listing on the school verandah in his writing not only a trained wind listing not only a trained wind listing the school verandah in his writing not only a trained wind listing economic methods and to large yields. softer in the grain, are more useful Prince of Wales, who not only visited with the help of the school children, in his writing not only a trained mind, istic of the professions. Doctors do

> in healing people of their sick esses. I. LUKE, THE WRITER OF THE GOSPEL, About twelve years ago an honored

the third Gospel and Acts, with words after the ascension of Christ, they employed by Galen, Hippocrates, and stewards and representatives other medical writers of antiquity; Vs. 3, 4. It seemed good to me also. the result is that many of Luke's fav-The writer, therefore, is not doing a orite words, and many of the words presumptuous thing, but only follow- used exclusively by him among New ing a practice already established. Testament writers, are found to be Having had perfect understanding of characteristic of these writers. He

the beginning." Luke has made a personal, a detailed, a complete study of Christ's life. A reference to Luke's Gentile Osler, a Canadian, of Toronto University, and finally as professor of mediin the other Gospels, such as the stor-ins of the birth and infancy of Jesus, his commendation of work, play, love, writer has given us much not found sity, and finally as professor of medi-

Tomatoes for Pickling.

accordance with the whole spirit of 2 onions, 1 red pepper, 3 cups mild

tomatoes and 6 red peppers 40 min-



er, but rather grew worse." It is well sons, as the result of 90 crashes.