Winter Wheat: A Valuable New Variety

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

and the money cross of the province
 the

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 broken seed. Seed which was allowed No. 4 this autumn, and for experiment to become thoroughly ripened before No. 3 next spring. All seed will be it was cut produced a greater yield of sent by mail except that for No. 4, 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 was cut at any one of four earlier received and as long as the supply stages of maturity. In each of 2 years when winter wheat was sprouted in the fields, germination tests of the grain were made. The following re-Experiment No. 1 in the above list.

The Prince of Wales at an Institute Quilting Demonstration The market value of the winter wheat of Ontario amounts to over fif-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 The acreage of winter wheat during long, 18. Not only was the sprouted

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

Summer Pasture for Growing Pigs.

During the busy summer days on the farm, the question of how best to 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 plenty of clover pasture and is short herd of growing cattle all that is necessary is to give good pasture with a little salt and sufficient water and

er and has been less subject to winter- the following seven experiments: (1) al Horticulture, indicate the range of

Not only is it important to sow the and one of winter wheat; (3) Spring an added attendance and deeper in-best variety of winter wheat, but it is applications of five fertilizers with terest. With the usual socials and 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' ex-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 show an average increase in yield of Hairy vetches and winter rye as fod- Northern Ontario, and in October four grain per acre of 6.8 bushels from der crops; (7) Mixtures of winter rye large boxes consisting of bedding. 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-

Hold a School Fair This Year

BY E. G. WILLIAMS.

In many communities the school fair | agricultural departments put on has become one of the most interesting play, the proceeds to be used for the social events of the year, bringing expense of the exhibit and the payyoung and old together, with the re-sult that a better understanding is ment of premiums. In other cases some local organization may contriestablished between the present and bute. The more common plan has been future generation of the community. to depend on individual contributions

It is gradually coming to be realized of money or merchandise from local that there is no stronger incentive to merchants or others interested. In keep young men and women on the sourceases, et, others interested. In farm than personal interest and acfarm than personal interest and activity in some practical phase of farm

work. And the special interest that always appeals with the paramount force is the show and prize list. To organize an exhibition of boys

as to get up a show for the adults. One reason for this is that the boys

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-land were represented by an exhibit bedding, quilts and pillows. We con-of handwork of all descriptions. A large tent was entirely filled with their work. One of the toys made, Polar Bears in an Arctic Setting, was sent to the Headquarters Loan Col-and a song book to each family. In-

'To each day bring our very best. A lifetime is but a day;

To-morrow we may be called West, Now is the time to say

The helping word to a toiling friend. Now is the time to give The helping hand ere the sun descend

To-morrow we may not live." And with Longfellow: "Let us then be up and doing" With a heart for any fate,

source in the story of Christ as it came from the apostles. *Eyewitnesses*, *and ministers*. The reason why the apostles should be the sole authorities

was twofold. First, they were intimate after the ascension of Christ, they were his spirit-filled and spirit-guided

atter the ascension of Christ, they were his spirit-filled and spirit-guided stewards and representatives. Vs. 3, 4. It seemed good to me also. The writer, therefore, is not doing a presumptuous thing, but only follow-ing a practice already established. Having had perfect understanding of all things; "inasmuch as I have gone carefully over them all myself from the beginning." Luke has made a per-sonal, a detailed, a complete study of Christ's life. A reference to Luke's Gospel will show how this Gentile writer has given us much not found in the other Gospels, such as the stor-ies of the birth and infancy of Jesus. Most excellent Théophilus. All we know of Theophilus is that he is a Christian and also a man of high rank, as is indicated by the title of address, "most excellent." II. LUKE, THE WRITER OF THE ACTS,

II. LUKE, THE WRITER OF THE ACTS, ACTS 1: 1; 16: 9-15.

Acts 1: 1. The former treatise; the Gospel of Luke. The object of this second treatise is not to tell the whole story of the acts of the apostles, but was brought to the Gentile world in

was brought to the Gentile world in accordance with the whole spirit of Christ's ministry and teaching. Used to pay expenses. Sometimes, however, this is not satisfactory, as the owners of good exhibits often wish to keep them. This can be arranged for those who wish their products back. was brought to the Gentile world in accordance with the whole spirit of Christ's ministry and teaching. Vs. 9, 10. There stood a man of Maccdonia. After Paul had been pre-vented from preaching the gospel in Asia and Bithynia, a new and greater opens before him. It is at this point that Luke seems to have become the companion of Pauly, v. 12. We endeav-

and grift work and make up all shores of moments and supply the shores and

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-

missions." The Doctor as a Literary Man. There is a remarkable work by Dr. Hobart, on "The Medical Language of St. Luke," in which the author makes a minute comparison of words used in the third Gospel and Acts, with words employed by Galen, Hippocrates, and other medical writers of antiquity; the result is that many of Luke's fav-orite words. and many of the words orite words, and many of Luke's fav-orite words, and many of the words used exclusively by him among New Testament writers, are found to be characteristic of these writers. He writes like a doctor. Three medical men of our own time have made notable contributions to the

have made notable contributions to lit-erature, all of them with a distinc-tively Christian message. Sir William Osler, a Canadian, of Toronto Univer-sity, and finally as professor of medi-cine at Oxford: Dr. R. C. Cabot, with and worship as the things by which men live; and that intrepid Labrador doctor, missionary, and author, Dr. Wilfred T. Grenfell.

Tomatoes for Pickling.

Spiced-Two quarts tomatoes, quart brown sugar, mixed spices to taste (mace, allspice, cinnamon, nut-meg). Stand 3 hours, then boil like Sweet Ficklea-One peck tomatoes 2 onions, 1 red pepper, 3 cups mild

vinegar, 2 cups brown sugar, 2 tablespoons salt, 1 teaspoon each cinnamon and nutmeg. 1/2 teaspoon cloves and allspice. Simmer slowly. Pack tomatoes when tender. Boil down syrup.

Mustard-Simmer 1/2 bushel sliced tomatoes and 6 red peppers 40 min-

pounds gain on Lots 2 and 3 re-spectively. The cost of producing one hundred bs. of gain, labor included, was \$22.90 for Lot 1, \$11.86 for Lot 2, and \$10.45 for Lot 3. From these results it may be con-

plenty of clover pasture and is short of labor, he will be well advised to of labor, he will be well advised to turn his shoats out and supply them is almost, if not quite, as great a task

For Home and Country

per cent. tankage. From fourteen to must be taken: the eggs must be They may have assistants, if needed. 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-tofinely ground oats, finely ground bar- never have had a report of a single show, the next problem is one of adley and middlings, equal parts, plus bad or broken egg.

customers

weeks to the end of the experiment sorted and put directly into the crates, finely ground oats, one part; mid- crates are kept in a cool place to dlings, one part; and finely ground preserve the freshness of the eggs. If sent either by the teacher or by one barley two parts, plus bad or broken egg. Wertsing, This can be done in several dways. Wertsing, This can be done in several ways. Wertsing, This can be done in several dways. Wertsing, This can be done in several ways. Here are suggestions that might be helpful: An attractive, well-arranged continuo premium list, to be circulated, a letter managed right upon arriving on your friends. Shows the finely ground preserve the freshness of the eggs. If sent either by the teacher or by one managed right upon arriving on your friends. Individual for the first indegrad outs, one part; and finely ground preserve the freshness of the eggs. If sent either by the teacher or by one barley, two parts; plus five per cent, kept in a warm, dry room many days, of the pupils to the leading farmers of tankage. Each lot received the same they lose much of their fine flavor, and the community; announcements at mount of skinmilk, which varied moisture evaporates from them.
Fresh drinking water was kept be.

1 and 2 were fod their grain in the crates are handled roughly somewhere and window displays. while in transit. form of a milk and water slop; while Lot 8 consumed the dry grain from the self-feeder and milk from the ping to a relative. Their neighbors trough.

The milk was charged at fifty cents er one hundred pounds, and the other seds at actual market prices as fol-

| Oats | - |
|-----------------------------------|---|
| Middlings \$1.95 per cwt. | 1 |
| Barley | - |
| Tankage\$3.75 per cwt. | |
| The results show that it task cos | |

Ibs. of fead per one hundred lbs. gain prices. Judging from our experience. with the inside lot; while 383 and 401 the first pleased customer becomes an lbs. of fixed produced one hundred advertising medium .-- J. J.

make use of the experience of the past, date.

vertising. This can be done in several

Our first experience started in ship-

plus from our good-sized farm flock. possible. The only advertisement necessary

under these conditions to find an outlet for all our surplus eggs is a few

pleased customers. Good eggs, good packing, prompt service, and good, to exhibitors. combine to bring good

in quantities of one peck each.

securing promiums. In some cases the spoil a profit.

PAUL, COL. 4: 14: 2 TIM. 4: 11.

Col. 4: 14. This Epistle was written by Paul during his first imprisonment in Rome. Luke, the beloved physician. After the second meeting in Philippi, Scouring in feeding lambs can be continuously in the company of Paul. The description of Luke as beloved shows the bond between the two

A few rules are necessary in run-ning a successful fair. For example: ger of scouring. Invariably if lambs than ever. The end is near, but De-

bing to a relative. Their neighbors next door and their friends asked if they could she we do, but our shipments are limited to the sur-plus from our good-sized farm flow. We could she were the structure of the she were provided for. The structure of the struc ars, unless otherwise provided for. Entries should be made in person, if for an hour or two. After this they overcome himself and proved himself are brought back to the feed lot for worthy of the friendship of the great Only one entry will be allowed any hay again. Each day for a week I apostle.



I'd like to have some trees that grow In other lands beyond the sea: I'd like to own a breadfruit tree, And take the fruit, instead of dough, And bake it for myself. I think I'd choose a cocoanut for drink.

The coco palm might grow too tall I know the nuts would fall some day And have the milk, all fresh and swe-

What maple sugar is, could see And taste it, they would think that tree

The very best that ever grew! They'd plant a maple in the spring, And prize it most of everything!

Mustard and other gases are to be employed in clearing out nests of rattlesnakes in Texas.

Royalties amounting to \$11,000 were paid to Sir Arthur Sullivan during his life as a result of the popular-

In one cases the lambs become very weak and may many physicians, and had spectal like to be the lambs become very weak and may many physicians, and had spectal like to be the lambs better, world involved the deaths of $\frac{1}{2}$ or the lambs better. er, but rather grew worse." It is well sons, as the result of 90 crashes.

