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STANDARD**

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BUSINESS DIRECTORY**LEGAL**

P. M. GULLOUGH Barrister, Solicitor, etc., Office, Mark Street, Markdale, Money to lend.

THOMAS DELANEY Barrister, Solicitor and Notary Public, Etc., Office: Artley Block, Markdale, Ont.

LUCAS & HENRY Builders, Contractors, Etc., Offices—Lucas Block, Markdale; Traders—Bank Bldg., Toronto; B. Lucas, K.C., W. D. Henry, B.

MEDICAL

DR. J. W. LEACH, Practicing Physician, Rockton, Ontario.

Phones:—Markdale exchange, 2115 pt.; 2115 pt.; Markdale exchange, 2134 pt.

DR. C. J. KELLEY L.D.S. Royal College of Dental Surgeons of Ontario.

D.D.S., University of Toronto, Late Interim Esthetic Institute for Children, Inc., 100 Queen St., Toronto, Ontario. Phone: Yonge St., Toronto, North 3033.

DR. D. B. NEELEY Ear, Nose and Throat, 308 Jarvis St., just below Carlton St., Toronto, Ont. Tel. Main 1716

DENTISTRY

DR. J. A. McARTHUR Dentist—Block (over Bowes' hardware store) Entrance at south-west corner of building, Toronto, Ontario.

L. G. CAMPBELL, (L.D.S., D.D.S.) Dental Surgeon, Graduate of Ontario College of Dentistry and University of Toronto, Office hours 9 a.m. to 5 p.m. Appointments made by phone.

FRATERNAL

C. O. F. No. 339, Markdale Council, Canadian Order Chosen Friends, No. 299, meets second Monday in month in Haskett's Hall, at 8 p.m. A. Jackson, Chief Chancellor; H. M. Irwin, Recorder.

MARKDALE P. O. O. No. 1045 Meets in Haskett's Hall on Thursdays evening at 8 p.m. before full moon in each month. All brothers and their wives welcome. Also, McCutcheon, Mrs. A. E. Colgan, Recorder.

A. F. & A. M. Hiram Lodge, No. 490, G.I.C., Markdale, meets in Masonic Hall, McCarroll Block, on Tuesdays evening on or before the full moon every month. Visiting brethren cordially invited. Hon. R. A. Crawford, W.M.; S. H. Buchanan, Secretary.

Victoria Preceptor No. 282, R.P.B., meets in the Craiga Hall, Markdale, on Tuesday after the full moon in each month. Visiting brethren cordially invited. Hon. R. A. Crawford, W.M.; J. E. England, Secretary.

AUCTIONEERS

B. H. WALDEN Licensed Auctioneer for the County of Grey. All sales promptly attended to from sales a specialty. Arrangements for sales may be made at "Standard" office or B. H. Walden, Markdale.

P. D. CARRUTHERS, Licensed Auctioneer County of Grey. Reasonable terms. Satisfaction guaranteed. Phone 52 r 28, or write R.R. No. 2, Markdale, Ontario.

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MARKDALE STANDARD

VOL. 41

MARKDALE, ONT., THURSDAY, SEPT. 13, 1923.

Established in 1875

Winter Wheat: A Valuable New Variety

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

The market value of the winter wheat of Ontario amounts to over five million dollars annually. It is, therefore, one of the most important of the money crops of the province. The acreage of winter wheat during the past year has been about the same as the average annual acreage for the past forty years. There is not a country or district in Ontario in which winter wheat is not grown, although in New Ontario the average annual amount is not more than about 20,000 bushels. Owing to the comparative low price of winter wheat at present, strict attention should be given to economic methods and to large yields.

The Dawson's Golden Chaff is still the variety most largely grown according to the December Bulletin of the Ontario Department of Agriculture for 1922. With the object of securing even better variety, crosses have been made at the Ontario Agricultural College between the Dawson's Golden Chaff and some other varieties such as Tasmania Red, Crimson Red, Yester Red, Buda Pest, Imperial Amber, and Bulgarian. A number of crosses have been originated at the College by crossing the Dawson's Golden Chaff and the Bulgarian, and this is now known as the O.A.C. No. 104. In both the College and co-operative tests, 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 white wheat and resembles the Bulgarian in possessing a white chaff and has less subject to winter-siling than the Dawson's Golden Chaff.

Not only is it important to sow the best variety of winter wheat, but it is also important to use seed of high quality. The results of 6 years experiments at the College, which were conducted in duplicate each season, show an average increase in yield of grain per acre of 6.8 bushels from large as compared with small seed, or 7.8 bushels from plump as compared with shrunken seed, and of 36.6 bushels from sound as compared with broken seed. Seed which is sown in No. 4 this year and for experiment to become available before the next spring. All seed will be sent by mail except for No. 4, sent by post express for experiment to be used in the fall of 1923.

The Dawson's Golden Chaff has been cut and produced a greater yield of grain per measured bushel. The material will be sent out in the order in which the applications are received, and as long as the supply of maturity. In each of 2 last years when winter wheat was sown will be included as one of the three varieties of winter wheat sent out for Experiment No. 1 in the above list.

The site of each plot is to be marked with two rods long. Fertilizers will be applied to the plots as directed by the College before the first sowing. All seed will be sent by mail except for No. 4, sent by post express for experiment to be used in the fall of 1923.

The size of each plot is to be marked with two rods long. Fertilizers will be applied to the plots as directed by the College before the first sowing. All seed will be sent by mail except for No. 4, sent by post express for experiment to be used in the fall of 1923.

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