

Dr. G. C. Creelman, President O. A. C., Guelph, on some aspects of agriculture as they affect the individual farmer. In Canada, said the speaker, there is not yet one-seventh of the available fertile land in cultivation. This fact should make our enormous national debt less burdensome, but since it must be largely paid out of the products of agricultural labor, this debt should still give us cause for thrift and careful management. The speaker discussed the progress of agricultural education in Ontario, recounting the various types of assistance put forward by the Departments of Agriculture to meet the changing needs and demands of the industry. Now, said Dr. Creelman, it seems evident that there has arisen a new necessity for a new national policy in agriculture. No one has ever considered the farmer as a law-maker, because he has lacked experience. He has never counted, but has been regarded merely as a cheap source of food supply, and a necessity if a favorable balance of trade is to be maintained. The farmer should be the guardian of our land laws, but in our daily press—and the speaker read numerous recent headlines—Canada's basic industry is almost totally neglected. "We need in Canada a new national policy that will do for the farmer what the old National Policy did for the manufacturers."

THE DAIRY SHOW.

The dairy show this year surpassed the somewhat unattractive show of last year in quality at least, if not actually in quantity. The entries were of exceptionally good quality, as was evidenced by the large number of entries which scored over 96 points. All entries reaching this degree of perfection are eligible for a part of the prize money, and the percentage of participants was indeed noteworthy. The awards accompanying show the total scores of all entries scoring 98 points and over, and the fact that in both classes of white cheese there are about 20 entries above this score bears out what has been said above. The winning cheese in the October white class made the remarkable score of 99.6, and cleaned up the whole show for E. A. Tolles, Kinburn. The little table immediately following gives some idea of the quality of the cheese exhibits as evidenced by the scores. There is no doubt that this remarkable uniformity in quality is, in a great measure, due to the good work of the instructors employed by the Provincial Department of Agriculture, and in good measure, too, to the zeal of the Chief Dairy Instructor, G. G. Publow.

Class	No. entries	No. scoring 96 or over	92 and under	93 to 94	94 to 95	95 to 96	96 to 97	97 to 98	98 to 99	99 to 100	Sale price. Cents
September White.....	72	58	2	4	3	5	14	26	17	1	26
October White.....	94	51	1	3	3	4	12	18	14	7	26
September Colored.....	71	38	6	6	8	14	15	14	6	—	27
October Colored.....	74	53	3	3	4	10	13	35	4	—	27
Flats.....	63	26	2	2	—	2	8	11	7	—	27½

The butter exhibits were few, but of excellent quality, the White Packing Company, Brockville, winning heavily. Other successful exhibitors were T. J. Newman, Lorneville; H. F. Newman, Gamebridge; Jas. Small, Prescott, and L. E. Smith, Brockville.

CHEESE SCORING OVER 98 POINTS

SEPTEMBER WHITE: Benson Avery, Kinburn, 99.4; E. A. Tolles, Kinburn, 98.7; A. G. Miller, Carleton Place, 98.5; Stanley H. McNeil, Eldorado, 98.5; W. P. Kilfoyle, Franktown, 98.4; Gensmer Clark, Dunbar, 98.4; W. T. Lines, North Gower, 98.4; W. O. Douglas, Warsaw, 98.4; Alex. J. Cameron, Cornwall, 98.3; Wm. Landon, Rockport, 98.2; Orrie Barton, Campbellford, 98.1; Almond Cheetham, Portland, 98.1; Levi Whittiker, Williamsburg, 98.1; Mrs. Wm. Rowe, Eldorado, 98.1; A. G. Wiltsie, Vankleek Hill, 98.0; L. B. Jamieson, Clayton, 98.0; T. M. Tobin, Summerstown, 98.0; Andrew M. Shields, Kars, 98.0. OCTOBER WHITE: E. A. Tolles, Kinburn, 99.6; Gilbert Rancier, Wales, 99.5; L. A. Stevens, Manotick, 99.3; Alex. Clark, Williams-town, 99.2; Gensmer Clark, Dunbar, 99.1; Ernest Weatherly, Dunrobin, 99.1; C. L. Brown, Prospect, 99.0; Alfred Pepper, Alexandria, 98.9; Albert Gauthier, Mille Roches, 98.8; Harry F. Love Madoc, 98.8; Levi Whittiker, Williamsburg, 98.5; T. M. Tobin, Summerstown, 98.4; T. L. Shields, North Gore, 98.3; W. H. Bailey, Madoc, 98.3; A. G. Miller, Carleton Place, 98.3; Almond Cheetham, Portland, 98.2; W. R. Linn, Bellview, 98.1; S. T. McCann, Westport, 98.1; Stanley H. McNeil, Eldorado, 98.1; Kenneth Dewar, Var, 98.1; W. P. Hannah, Vankleek Hill, 98.0. SEPTEMBER COLORED: Jas. F. King, Almonte, 98.9; E. A. Tolles, Kinburn, 98.8; T. M. Tobin, Summerstown, 98.5; Jos. S. Ragsdale, Carp, 98.4; W. B. Lowry, Carp, 98.3; Elias Trueax, Avonmore, 98.0. OCTOBER COLORED: W. B. Lowry, Carp, 98.4; C. L. Brown, Prospect, 98.3; E. A. Tolles, Kinburn, 98.3; A. G. Wiltsie, Vankleek Hill, 98.1. FLATS: W. P. Kilfoyle, Franktown, 98.9; Jas. F. King, Almonte, 98.6; Edward Carter, Thomasburg, 98.5; W. A. Douglas, Warsaw, 98.4; Alex. J. Cameron, Cornwall, 98.3; C. A. Wilkins, Mille Roches, 98.0; Thos. Lloyd, Hallaway, 98.0. STILTONS: Jno. Snet-singer, Dickinson's Landing, 97.8; Gilbert Rancier, Wales, 97.7; C. J. Brennan, Deseronto, 97.3; Albert Gauthier, Mille Roches, 97.3; Clifford Morris, Mallorytown, 97.2; Albert Lapoint, Martintown, 97.1; J. A. Ferguson, Mallorytown, 94.7.

RESOLUTIONS.

1. "That in order to make this Association of greater benefit to the dairymen of Eastern Ontario, and

believing that the usefulness of this Association is imperilled by other organizations, be it resolved that the executive committee be authorized and urged to take immediate action in regard to any question that may affect the trade or interest of dairymen as a body, or of any particular district; and that the directors be empowered to bring before the executive such questions."

2. "That the dairymen of Eastern Ontario assembled in annual convention do memorialize the Federal and Provincial Departments of Agriculture to take immediate action either by educational or other means, to eliminate the scrub bull; and we pledge the assistance of this Association in this work."

3. "That we memorialize the Federal Government to oppose with its fullest power the fixing of prices of any dairy products, and to secure the open market for the same; and that the findings of the Board of Commerce appear to us to have been unfair to the milk producers, and we would ask that copies of this resolution and others bearing upon the activities of the De-



C. F. Bailey.

Newly appointed manager of the Royal Canadian Winter Fair.

partments of Agriculture be forwarded to the different ministers of agriculture."

4. "Whereas the justice and desirability of purchasing milk for manufacturing purposes on a butter-fat basis has been magnified with increased prices for dairy products,

"And whereas purchase on a butter-fat basis will result in improved quality,

"Be it, therefore, resolved that the Provincial Government be asked to consider, in consultation with all interests concerned, the advisability of making operative the Dairy Standards Act as it now stands, or with desirable amendments not later than the spring of 1921; and that full announcements as to the Act and the method of making it operative, be made at the earliest date possible, so that owners, makers and producers may make the necessary preparations."

OFFICERS.

Directors: RENFREW COUNTY, M. D. Muirhead, Renfrew; LANARK, Jno. Steele, Almonte; PRESCOTT, A. Carriers, Cuitan; RUSSELL, W. H. Olmstead, Bearbrook; CARLETON, Thomas Hicks, North Gower; GRENVILLE, J. A. Sanderson, Oxford Station; GLENGARRY, A. J. Robertson, Martintown; STORMONT, William Brown, Dickinson's Landing; DUNDAS, Geo. Smyth, Iroquois; SOUTH HASTINGS, F. G. Knight, Belleville; LENNOX AND ADDINGTON, M. N. Empey, Napanee; FRONTENAC, Ed. Campsall, Hartington; LEEDS, R. G. Leggett, Newboro; PRINCE EDWARD, R. W. Ireland, Wellington; N. HASTINGS, S. S. McComb, Bellview; NORTHUMBERLAND, Jas. A. Armstrong, Warkworth; PETERBORO, G. A. Gillespie, Peterboro; ONTARIO, VICTORIA AND HALIBURTON, H. Glendenning, Manilla. The officers elected by the directors at their first meeting are: President, Wm. Brown; First Vice-President, Geo. Smyth; Second Vice-President, M. N. Empey; Secretary, T. A. Thompson, Almonte; Treasurer, J. R. Anderson, Mountain View. The auditors are Martin Bird, Mountain View, and J. J. Payne, Brinston. EXECUTIVE: H. Glendenning, R. G. Leggett, Thos. Hicks, J. A. Sanderson, Jno. Steel, M. D. Muirhead, and M. N. Empey. The convention in 1921 will be held in Cobourg.

Our experimental farms have originated and acclimatized varieties of cereals, roots, etc., which have proven superior to varieties grown on the home farm. It is time enough to try the new varieties after these farms have tested them.

FARM BULLETIN.

Plan of Scrub Bull Campaign.

Reference was recently made in this paper to the appointment of a committee composed of Federal and Provincial Department of Agriculture officials to outline a plan of campaign for the elimination of the scrub bull. This committee has held two meetings since the time of the Winter Fair at Guelph, the second being held in Toronto on Saturday, January 10. In addition to the regular committee there were present the agricultural representatives from the Counties of Lambton, Wentworth, Halton, Dufferin, Prince Edward and Grenville, since these six Counties are the ones which have been selected for the first strong efforts in the campaign. R. W. Wade, Director of the Live-Stock Branch, Toronto, outlined the plan which has been developed, and stated that the Ontario Department of Agriculture is to supervise and direct the campaign. The immediate direction will be in the hands of a representative committee of the Ontario Cattle Breeders' Association. This committee will be composed of from six to nine members, representing each of the dairy and beef breeds and the two Departments of Agriculture. The secretaries of the various breed associations have already been written to and it is expected that about fifty of the most interested men in each breed will be present at a meeting to be held on Thursday during the breeders' week in Toronto, at which the central committee will be chosen. The Provincial Government will appoint an assistant to Mr. Wade to take immediate charge of the work of the Provincial Government in this connection, while the Dominion Government will also appoint a field man to co-operate with the Provincial Government in all matters affecting the campaign. The Federal Government will also pay the salaries of the men that are required to assist farmers to buy pure-bred bulls wherever such assistance is desired, but these bull buyers will only be such men as are fully recommended by the Ontario Cattle Breeders' committee. In the present plan of campaign the Agricultural Representative in the County will act as chief organizer in his own County, the actual plan of campaign being left largely with him because he is fully acquainted with local conditions. The Institutes Branch will co-operate in furnishing speakers for any meetings that may be considered necessary by the agricultural representative, while in counties where the representative considers it an advantage the Federal Department of Agriculture will establish bull exchanges. These bull exchanges will be situated at the most suitable point within the county, and at a convenient place for transportation. They will contain a number of pure-bred bulls, depending upon the estimated needs of the county, and these bulls will be purchased by the bull buyers already referred to and will be paid for by the Federal Department of Agriculture until such time as they are purchased by farmers, who will secure them at the lowest possible cost. The exchange will be maintained by the Federal Department for a certain specified time, which will be communicated to all possible purchasers. After this time has elapsed the bulls which still remain unsold will be distributed in some other part of the country. The bulls offered for sale at these exchanges will be purchased so far as possible in the county, but if this is not possible the supply in adjoining countries will be tapped. With this plan definitely established and already under way, it is important that all should assist in its success. While six counties have been chosen in which to make a start, any county may carry on a similar campaign with equal support from the central committee and both Departments of Agriculture. Some of the counties named are very difficult ones because of the large percentage of scrub bulls. Prince Edward County, for instance, has sixty per cent. of scrub bulls, as shown by the following table made up of figures compiled by the Agricultural Representative from reports sent in by secretaries of school sections.

Township	No. farmers keeping bulls	No. Bulls		Per cent. Grades
		Pure-bred	Grade	
Ameliasburg.....	59	16	43	73
Athol.....	43	14	29	67
Hillier.....	30	15	13	46
Hallowell.....	97	65	42	39
N. Marysburg.....	36	13	23	63
S. Marysburg.....	88	15	73	83
Sophiasburg.....	41	18	21	54
Grand Total.....	394	156	244	60

C. F. Bailey Resigns.

C. F. Bailey, Agricultural Commissioner for Ontario since early in 1919, and prior to that Assistant Deputy Minister of Agriculture since February, 1912, has resigned from the Ontario Department of Agriculture to accept the position of Manager of the new Royal Canadian Winter Fair, recently organized. Mr. Bailey has been one of the best known officers of the Department and has had direct supervision of the work of agricultural representatives in Ontario, as well as the other outside work of the Department not directly connected with the inside executive duties. He will be missed from the service of the Department and will carry with him to his position of responsibility a very wide acquaintance with live-stock men throughout Canada and the United States, as well as a wide knowledge of the live-stock industry in Canada.