

purpose, and his pertinacity has, at last, been successful in causing the railroad companies to accede to this request. Now all recorded pure-bred cattle, sheep, and swine are carried at half rates between all points east of Fort William, and carload lots are carried at reduced rates between points in Ontario and places west of Fort William, to the manifest advantage of breeders in Eastern Canada and of settlers in the far West.

Then, again, there has been the wonderful development, under Mr. Hudson's influence, of the Provincial Winter Show, which has now reached proportions and an importance undreamt of years ago. As, however, a history of this exhibition appears elsewhere in this issue, it will be unnecessary to refer further to it here.

FARMERS' INSTITUTE DEVELOPMENT.

In the early stages of the Farmers' Institutes the work was carried on by professors from the Ontario Agricultural College, Guelph, and, considering the little spare time they had to devote to this work, they did it well. With the ever-increasing growth, however, of the Institutes, it became necessary to appoint a superintendent, who could devote his whole time to the organizing and developing of the work. Casting his eye about for a suitable head, Mr. Dryden could find no one better fitted for the post than Mr. Hodson, and well has he justified the Minister's selection. The work has grown from year to year under his care until the membership has now reached the splendid total of nearly 17,000, and 3,133 addresses were delivered to audiences who totalled up 119,402 during last season. Not only this, but Mr. Hodson has succeeded in imparting much of his own enthusiasm to the officers and members of the various Institutes, and now, on departing for his new sphere of life, leaves everything in first-class shape for his successor.

MR. HODSON'S QUALITIES.

Although a man of spare build, and with not too strong a constitution, the new Live Stock Commissioner has a wonderful fund of energy, and he, in no wise, spares himself. He is an excellent organizer and a good executive head, and we look for great things from him in his new post at Ottawa. He has a wonderful talent for studying human nature, discovering the proper men for his work, then utilizing their energies in carrying out his plans. Hence, in a large measure, has resulted the great success which has attended his work throughout. Thoroughness has been his motto ever since, as a boy, he fitted up for exhibition the flock of Cotswold sheep with which his father scored such a signal success at the Centennial Exposition at Philadelphia in 1876; and the same thoroughness is shown in the careful manner in which he has supervised and directed the operations on his own farm to the present day, from the smallest particular up to the extremely critical selection exercised as regards the milch cows purchased and retained for supplying cream to a leading dairy in Toronto.

Superintendency of Farmers' Institutes in Ontario.

The most important farmers' organization in the country is the Farmers' Institutes. They are doing what may be called College extension work on a large scale, taking the results of scientific research and experimentation from the Colleges and Experiment Stations to the farmer and discussing them with him in his own neighborhood, if not by his own fireside. The young men may go to the Agricultural College and learn what science can teach them; but the older men who are settled on the farms of the country cannot do so. Hence the origin and importance of the Farmers' Institutes, which bring farmers, professors, experimenters, and the most successful grain growers, stock raisers, dairymen, fruit growers, etc., together at convenient

centres, to compare notes and discuss the theory and practice of every branch and department of farming.

INSTITUTES IN ONTARIO.

The Institutes of Ontario were organized by Dr. Mills, the President of the Ontario Agricultural College, in the year 1885, and managed by him for the first ten years, till the fall of 1894. Mr. F. W. Hodson was then appointed Superintendent, and has had charge of the work for the last five years, till the 1st December, 1899.



PROF. G. C. CREELMAN, THE NEW SUPERINTENDENT.

On the resignation of Mr. Hodson a short time ago to take the position of Live Stock Commissioner for the Dominion, G. C. Creelman, B. S. A., was appointed to fill the vacancy.

Prof. Creelman is a brother of the well-known barrister in Toronto. His parents were Nova Scotians, the father of Irish and mother of Scotch descent. He was born and brought up on a farm near Collingwood, in the County of Simcoe, Ont., where he had a valuable apprenticeship in the details of ordinary farm work; and the foundation of his education was laid in the rural public school and the Collingwood Collegiate Institute. He entered the Ontario Agricultural College in 1885, and completed the course of study and apprenticeship at that institution in June, 1888, graduating and receiving the B. S. A. degree with honors, a member of the first class sent out after the affiliation of the College with the University of Toronto. Prominent among his classmates were C. A. Zavitz, B.S.A., the Director of Field and Co-operative Experiments at the College, and J. A. Craig, B. S. A., the well-known Professor of Animal Husbandry in the Iowa State College of Agriculture and Mechanic Arts at Ames, Iowa.

Shortly after graduation, Dr. Creelman was appointed Assistant Professor of Biology in the Mississippi Agricultural and Mechanical College, one of the largest and most successful colleges of the kind in the United States. He very soon became full professor and did the work of the department in the classroom and laboratory to the utmost satisfaction of both the president and the students of the college. During the summer vacations of the first three years, he attended some of the northern colleges and universities, doing post-graduate work in Botany and Entomology at Cornell University, Botany and Zoology at Wisconsin University, and