

The Alberta Star

Vol. 9

CARDSTON, ALBERTA, SATURDAY, APRIL 11, 1908.

No. 45

Farm Machinery

PLOWS AT COST

New Deere 12in. Gang Plow	\$72 00
New Deere 14in. Gang Plow	78 00
New Deere Ranger Sulky Plow 14in.	42 50.
New Deere Ranger Sulky Plow 16in.	47 75

Seeding Machinery below actual cost

MONITOR DRILLS

14 Shoe Drill	\$60.00
18 " " "	75.00

KENTUCKY DRILLS

14 Shoe Drill	\$70.00
18 " " "	90.00

The above are only a few of our bargains in farm machinery that we offer for and below cost. Until April 20th only. Come early and have first choice.

H.S. Allen & Co. Ltd.

The Big Department Store.

THE CAHOON HOTEL

First Class in every respect
Steam Heat in every room
Hot and cold water baths
Excellent dining room service

CARDSTON - ALBERTA

Happy Homes and the
Meat that makes them

PEOPLE'S MEAT MARKET

THE NEW BUTCHER SHOP

A trial order will convince you of our ability to satisfy.
FRESH SAUSAGE daily and the very best of
STEAKS, CHOPS, ROASTS, etc. at
LIVE AND LET LIVE PRICES
ONE DOOR SOUTH OF CAHOON HOTEL.

PHIPPS Restaurant and Bakery

Fresh Bread Daily

We carry the finest and freshest stock of Candies
and Bon-Bons, Nuts, Shelled and unshelled
Apples, Oranges, Lemons, Bananas
Strawberries and Celery on Tuesday.

TOWN LOTS

300 building lots for sale in the heart
of the original Townsite of Cardston
\$25 to \$75 per lot

BUY NOW
When real estate is low or soon it may be too late
to get a bargain

E. N. BARKER, CARDSTON

The Editors Letter

TRIP TO THE ONTARIO AGRICULTURAL COLLEGE

Accompanied by Mr. Foster Asst. Passenger Agent, and Mr. Geo. Ham of the C. P. R. and Mr. James, Deputy Minister of Agriculture, on Saturday morning, March 7th, the members of the Canadian Press Association, visitors and some Toronto's foremost people paid a visit to the Ontario Agricultural College at Guelph. The C. P. R. had kindly provided a special train with refreshment both improvised in one of the first class coaches. Many ladies graced the party and a private car gave them special accommodations. The train left Toronto at 9 o'clock and arrived at Guelph about an hour later where a long line of street cars were placed at the service of the Association. President Creelman of the O. A. C. received the visitors at Guelph and personally directed the transportation to the college. Artistic programmes were passed around upon which the days pleasant work was scientifically outlined. We say "scientifically" for every moment was cleverly accounted for and there was no ghost of a chance to lose a second. After ten minutes ride we reached the college grounds.

It may not be amiss at this juncture to give a little of the history of this Agricultural College; of its work and its buildings and equipments. For the former we are indebted to the Calendar of 1907-1908 which we secured at the College.

The College was established in 1874. Its objects were twofold: First, to train young men in the art of improved husbandry; and second, to conduct experiments and publish the results. In 1875, the President said in his first report: "It is evident to the most cursory observer that Canada depends, and will be obliged for many years to depend largely, if not exclusively, on her raw produce for her national wealth."

Amongst the various forms of raw material, none are so valuable as those included under the head of Agricultural Produce. To the observant statesman, it is plain that the readiest manner of increasing the national wealth is by increasing the quantity and quality of that produce. But though plainly seen, it is not so easily accomplished. Precedent, prejudice, and general conservatism stand in the way. Throughout the Province there is a powerful minority of intelligent, enterprising, and successful farmers pursuing the improved system of cultivation, yet the great majority are depending solely on increased acreage for increased returns.

That was thirty years ago, and the College, facing these conditions with the opposition of the very class which it was intended to help has grown steadily in favor with the people, until now farmers themselves visit the College in June and December to the number of nearly 40,000; and we had last year in attendance at the various College classes 957 students. More than 1,500 teachers visited the College and examined the working of the different departments during the past two years.

BUILDINGS & EQUIPMENT

The Residence

The residence is recognized as the main building. It is built of grey limestone, and although no particular style of architecture was followed in its construction, it presents a venerable appearance,

expressive of power and repose. It comprises a central portion five stories high, known as the tower; from the west, a wing, high, extend on either side and behind these are other extensions. It is situated on the highest point of College Heights, and faces the south-west. From the tower a great sweep of country can be viewed in every direction. The building, provides bedroom and dining-room accommodation for 178 students, and a small portion is reserved as a contingency hospital. At the base of the tower is the main entrance, with the President's Office leading from the right, and the Reception Room from the left of the entrance hall. The remainder of the front basement is used for office purposes, the Post Office, the Bursar's Office, and Review Office being found there. The students' dormitories occupy the two upper flats. Here the men are housed two in a room, except in a few cases where the rooms are large enough to accommodate three. A smoking room and a magazine room are at the convenience of those who care to use them between study hours.

The whole of the building is well-ventilated and is heated by steam, radiators being placed along the halls and corridors, and in every room. A bathroom containing hot and cold water baths, shower baths, etc., and a lavatory fitted up after the most modern and approved methods, are at the disposal of the students at all hours. The kitchen and cold storage plant are commodious, and are provided with all the equipment necessary for catering to the requirements of the residents. Taken altogether the residence provides a clean, comfortable, healthy home for all within its walls.

Massey Hall and Library.

The Massey Hall and library is an abiding expression of the munificent generosity of the late Mr. Hart Massey. In 1901, his heirs, represented by the late W. H. Massey and Mr. Chester Massey built and presented to the College this noble structure. It is a handsome red brick building reared on a foundation of Medina sandstone. The Massey Hall occupies the ground floor. This is semi-circular in shape and provides seating accommodation for about four hundred and fifty people. It is used for roll call, Sunday Chapel service, literary society meetings, etc. Overhead is the library, consisting of a reference library, a lending library, and two magazine rooms. Accommodation is provided for eighty thousand volumes. The reading room is most adequately fitted up with tables and individual electric lights. Both author and subject catalogues are in use, and over sixteen thousand volumes are within easy access of the student. The library is highly prized by the student body.

Biological and Physical Building.

The building devoted to Biology and Physics was ready for use in 1902. It is a commodious, solid looking, red brick structure, with class rooms and laboratories well fitted up for instruction and research work in the biological and physical sciences. The ground floor is used as a museum. Here are to be found some excellent collections of interest to the botanist, the ornithologist, the geologist, the zoologist, the entomologist, and others. Here also is to be seen a collection, artistic and unique, which is the only one of its kind on the continent, if not in the world; this is the collection of waxwork replicas of nearly all the different species and varieties of fruit and vegetables grown in

Canada. The models for most of these were grown on the College grounds, and show the difference in size, shape, color and general appearance of the objects which they most faithfully represent, thus providing an excellent key to the many and varied products of the orchard and garden, illustrating the desirable and undesirable qualities of these products.

Horticulture.

The departmental building is equipped with class room, and offices. It has in connection a large glass laboratory for practical work in propagation, grafting, seed testing and sowing, methods of tree planting, etc.

In addition, two large green-houses are attached for experimental work in vegetable forcing, and two for the propagation and growing of a large collection of flowering and decorative plants for practical demonstrations in floriculture.

Chemistry.

The Chemical building is situated to the southeast of the Main College building facing the Massey Library. It is an irregular shaped, two storied, white brick building, 106 feet long, 75 feet at the widest point. It contains lecture rooms; laboratories for regular qualitative, quantitative, and organic analyses; laboratories for experiment station analyses and research work; and a specially room for investigating wheat and flour problems. All laboratories have the most up-to-date arrangement of tables, with sinks, fume closets, down drafts, etc.

The Gymnasium.

The Gymnasium is a substantial building 60x90 feet. The whole of the floor space is available for drill and sport. All the necessary fittings for gymnastic work—horizontal bars, parallel bars, ropes, rings, ladders, dumb-bells, clubs, etc., are in evidence. The floor is marked out for base ball and basket ball, exciting games of which are common. In the basement are shower baths and a large swimming bath.

In addition to being used for sport and exercise, the Gymnasium is called into requisition for oratorical and public speaking contests, concerts at which are expected larger audiences than the Massey Hall will accommodate, banquets, June excursions etc. Altogether the "Gym" is one of the most popular and valuable adjuncts to the College property, providing as it does a healthy outlet for the exuberant life, physical, mental and social, of the student body.

Experimental.

This is a large-two story white brick structure, erected on the lower part of the College Campus, a short distance below the Gymnasium. The main portion of it is 45x70 feet, and a wing attached thereto is 38x52 feet.

The building contains an office, an agricultural museum, three large work rooms, a tool room, a dark room for photography, and six or seven basement rooms, all for the use of the Experimental department; offices for the Department of Agriculture; an office, a private laboratory, a work room, and a students' laboratory for the Department of Bacteriology; a class room for practical instruction in live stock and a lecture room for the use of the Agronomist, the Bacteriologist, and the Professor of Veterinary Science.

Judging Pavillion

This building is eight-sided, and is built of white brick. It is located on the lower part of the Campus, immediately in the rear of the Experimental building. The Pavillion has a 50 foot ring,

with a seating accommodation for 300 persons, and is used especially for practical work in Live Stock. Into this ring all classes of horses, beef cattle, sheep and swine are brought. For this purpose not only the College herds, which have recently been added to by importations from the Old Country, are resorted to, but the best representatives of all these classes are brought here from the stables of our leading Ontario breeders.

Machinery Hall.

This is a new two storied building of red pressed brick on a limestone foundation. It is a structure 146 feet long by 64 feet wide. The Northwest wing and the central portion are devoted to Manual Training and Farm Mechanics. In the basement of this wing is the Forge room, well equipped for instruction in mental work and blacksmithing. The basement of the central part provides accommodation for the storage of farm machinery and implements.

On the first floor is situated the machine shop, offices and store-rooms. Across the corridor is Machinery Hall to be used for demonstration purposes in farm mechanics. It also contains a unique collection of domestic utensils and farm implements and machinery of early pioneering days.

The second floor is taken up with class rooms for wood-working, Drawing and Primary School work, offices and store-rooms.

The Southeast wing of the building is occupied by the farm Carpenter, Blacksmith and Painter.

Dairy.

The buildings of the Dairy consist of the original white brick cheese factory, then changed to a creamery and now used for instruction work in cheesemaking and farm dairy) and a red brick building in which are located lecture rooms, office, dairy library, rooms for students and instructors, the buttermaking and milk-testing branches of the dairy store-rooms, etc.

Poultry.

The buildings connected with this department are well equipped and have sufficient accommodation for 700 laying hens. The houses are of several designs, many of them being for Experimental purposes. Thirteen Colony houses have been established for the purpose of rearing young chicks, a brooder house 40x16 feet and a fatted house 20x50.

The main building contains the head office of the Department, a large lecture room, an Experimental incubator room, feed room, etc.

Macdonald Hall.

Is a fine, large and imposing brick building, with stone trimmings, and is of the Elizabethan style of architecture. It was erected in 1904, at a cost of \$100,000, and is the generous gift of Sir Wm. C. Macdonald, of Montreal, as is also Macdonald Institute. It comprises everything that experience could suggest as necessary for the purpose of a residence for girls; is modern in type, commodious, substantial in appearance, and complete in appointments. The building has apartments for 110 boarders, together with a large gymnasium, dining room, reception room, and parlor.

Macdonald Institute.

Is a fine building of red pressed brick, with terra cotta trimmings, large and imposing in its general outline, commodious in its internal arrangement, and elegant as regards the quality and finish of the inside work. Its equipment and accommodation is ample to furnish

(continued on back page)