

# Ontario Agricultural College Improvements.

A new \$10,000 electric-light plant is being installed for the illumination of the Ontario Agricultural College at Guelph, which will be appreciated alike by staff and students. The coal supply will be run over the electric road from the railways in Guelph and dumped in the new coal house.

The stately and beautiful Massey Hall and Library made possible by the \$40,000 bequest from the Massey estate to the Province is now finished and furnished. It is by far the most attractive building connected with the institution, and includes a magnificent auditorium or students' hall, two seminary rooms, six rooms for "fellows," and a fireproof library in three flats, the interior being of iron and glass, with shelving capacity for 75,000 volumes, which is thus far only about one-sixth occupied. The walls are of Credit Valley brown stone and pressed red brick with terra cotta ornamentation. Our artist presents a side view of this imposing building, which will be publicly opened with fitting ceremonies in a short time.

A short distance to the south-west, further down the campus from the Massey Hall, stands the new Biological Building, erected by the Province at a cost of some \$30,000—a plainer building than the other, but still presenting a very fine and substantial appearance. The interior woodwork is beautifully finished. This structure will be devoted to biology and physics, and contain the college museum. It is three stories high, 110 x 50 feet; stone foundations; pressed brick walls, with stone sills and slate roof. The first floor will contain the museum; the second and third, offices, lecture rooms and class rooms.

A new barn has been completed for the Experimental Department, convenient to the plots under the direction of Mr. Zavitz. At the time of the writer's visit, work had not begun on the new judging pavilion nor the Macdonald building.

## JOTTINGS ABOUT THE COLLEGE.

The Farmers' Institute and other excursions brought 30,000 visitors to the College this season.

Prof. Harrison, the bacteriologist, has been carry-

ing on a series of investigations in roup, diseases of turnips and cauliflowers, "fruity" flavors in cheese, dairy "starters," and what is designated a type of "pneumonia" in hogs. A numerous collection of fowls, rabbits, guinea pigs, etc., are kept for experimenting by inoculation.

In the Chemical Department, Prof. R. Harcourt has had the basement fitted up in good shape for investigations connected with dairying, several lines of which are being conducted, such as relate to the keeping qualities and flavor of butter, the alkali test in cheesemaking, and an inquiry into the by-products of various mill feeds, some 80 samples of which have been collected.

Prof. Day, the agriculturist, will carry forward this season experiments on the short and long keeping of fattening steers, and the use of roots and corn silage in feeding.

In the Dairy Department, Prof. Dean has a bunch of first-rate calves of the dairy type, raised on skim milk. He pins his faith to crushed oats as a supplement in preference to the fancy calf meals tested. Cement floors are strongly recommended for butter and cheese factory make rooms. The old wooden floor in the dairy cow stable will soon be replaced by a cement floor. For milch cows straw litter should be freely used on cement floors. Temperature in cheese curing is the basis of some valuable work going on in this department.

If the horn fly is troublesome, Prof. Dean recommends as sufficient for an effective application on a herd of 25 cows: 1 gallon seal oil, 1 pint coal oil, and 4 tablespoonfuls of crude carbolic acid, applied with a brush.

Mr. C. A. Zavitz, of the Experimental Department, attended the recent Agricultural Graduate School at Columbus, Ohio, where he lectured and took the full course (four weeks, three sessions of two hours daily) in which lectures were delivered by a large staff of the leading agricultural investigators and experimenters in America. About 80 students were in attendance. Owing to the cost of conducting the institution, it will probably only be held every two years hereafter.

The attendance at the College during the term of

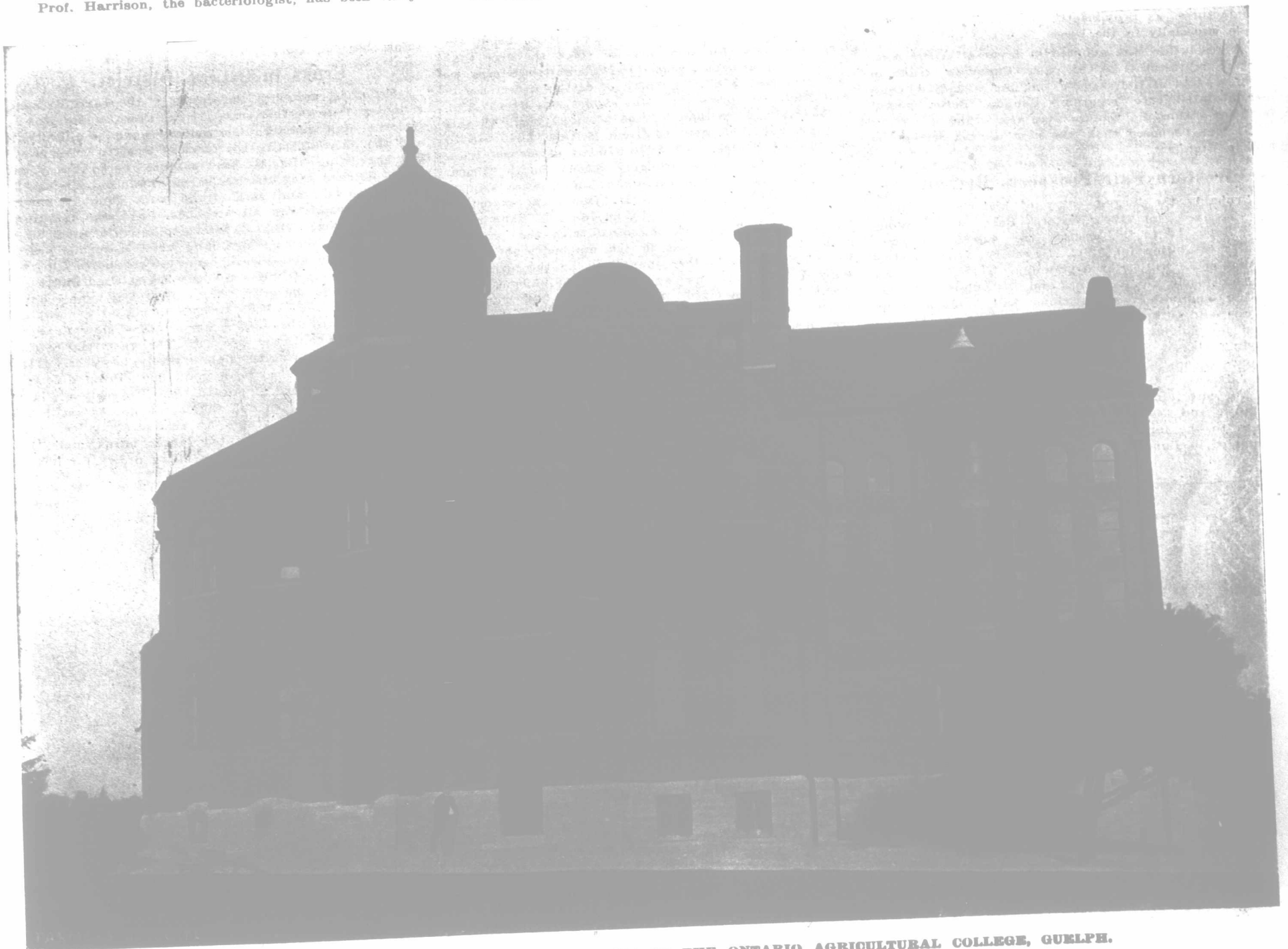
1902-03 is expected to surpass all previous years. Since accommodation is likely to be taxed at the institution, intending students should make their application in good time. A note to the Principal, Dr. Jas. Mills, will secure the announcement circular for the ensuing year, giving complete information.

## Beware of Sharpers.

From time to time we hear of new devices for robbing honest individuals. Unscrupulous men plot and scheme, giving all their faculties free range for ferreting out new methods of possessing that which does not belong to them. This lamentable fact is one which cannot be too publicly brought before the citizens of our land. The late Whitechurch affair shows the necessity for this. Numbers of our species, fiend-like in purpose, although human in form, devote their full time and ability in trying to find new avenues whereby they can successfully reach and lay hold of the rightful property of others. Although the laws of our land provide for the punishment of all such when caught, yet many of these perpetrators run at large for years, and often, even when overtaken by justice, the hard-earned cash which required years of thought and labor to accumulate has been squandered, and although the rogue receives perhaps the full punishment of the law, yet the innocent loser has not been recompensed. This being true, we feel it our duty to sound a warning note; to try and indelibly stamp into the memory of every reader the great need for caution, hoping thus to securely plant into the innermost recesses of a large number a watchful disposition that may at all times prove a safe guide while making bargains or signing notes. Never do these things in uncommon, novel ways. If the dealer is not satisfied with ordinary business rules, beware of him; if he tries argument or persuasion to induce the usage of his methods, have nothing to do with him. You can depend that if his dealings are just and honorable, he will be satisfied with common everyday methods.

## The Western Wheat Crop.

As we go to press reports from Manitoba and the N.-W. T. indicate continued fine weather and harvesting in full swing. Manitoba now expects a 30-bushel-per-acre yield, or a total of 60,000,000 bushels, and the Territories 17,500,000—total 77,500,000 of wheat, with correspondingly good yields of oats and barley. Elevators and railways are likely to be taxed beyond their utmost capacity this fall. Farm help is at a premium.



THE NEW MASSEY HALL AND LIBRARY BUILDING AT THE ONTARIO AGRICULTURAL COLLEGE, GUELPH.