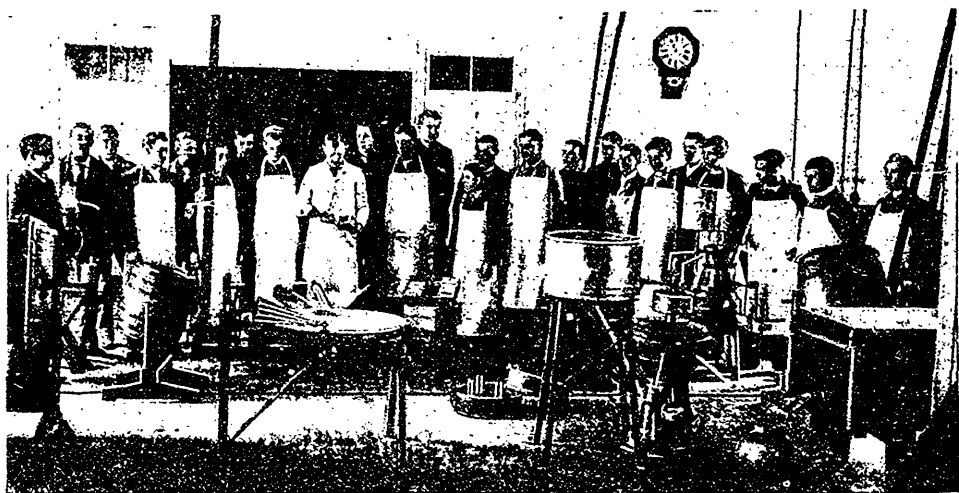


possible in its demonstration. The college veterinarian, Dr. Reed, was brought up on a farm, and he knows exactly the sort of knowledge that would be practically useful on a farm and sticks closely to it, although his temptation to go beyond it must at times be considerable; and the practical demonstrations in the second year in veterinary pathology (that is, the treatment of disease in animals) are just what they should be. We think, however, considering the immense importance that animal husbandry has in practical agriculture, that there should be actual demonstrations and practical work done by the students in animal anatomy and physiology, and we wonder, seeing how much has been done in vegetable physiology, for example, that this has not been hitherto attempted.

the dairy school has been an immense success. It is, in one sense, merely an exemplification in *one* department of what we contend should be allowed in *every* department, namely, the pursuit, whenever desired, of special courses to the exclusion of others.

In the more scientific departments of instruction we are glad to say that the same general methods of instruction are pursued. In the departments of *biology, zoology, vegetable physiology, botany, and entomology*, Professor Pantton assures us that not a single chance is let slip of giving the students practical work to do: microscopic examinations, dissections, identifications, classifications, preparations, mountings, etc., etc. Unfortunately, the course covers so wide a ground, and so much need of haste is al-



Practical Work in the Dairy School.

Professor Dean and Instructor Stratton giving a demonstration to the members of the Dairy School. The testers, separators, churns, vats, etc., used in large dairy work are seen in the foreground.

The nature of the instruction given in the *dairy department* is too well known to need anything more than passing reference here. While every possible precaution is used to base it upon a foundation of *sound scientific knowledge in the students*, there is also every pains taken to make it thoroughly practical—not merely practical in its demonstration, but practical as to the personal experience of every student. The whole department is magnificently equipped and well manned, and is, perhaps, the most popular department in the institution.

Out of the dairy department has grown the *dairy school*, attended for two months in the year by special students who are not required to reside in the institution. Everyone knows that

ways felt because of the ever-approaching examinations, that the temptation to substitute formal lectures for well-planned courses of individual study is always present, so that it would not be a matter for great wonder, or indeed for great complaint, if individual practical work were somewhat perfunctorily looked after. The remedy, of course, is to provide sufficient assistance to the professor-in-charge, so that the work may always be done in the most desirable way.

In *chemistry* there is, as said before, a magnificent building provided; a model of completeness and convenience, with every facility for practical demonstration by the instructors and also for individual practical work on the part of the students. And there is a competent staff of in-