

more moderate weather of the lowlands. These varying conditions of land and climate gave the Ayrshire a rugged constitution which enables it to adapt itself to almost any land or climate. It seems especially adapted to giving fair production on rough land with scanty pastures. The Ayrshire is not as old a breed as some of the other leading breeds of cattle, the improvement of the wild white cattle of Scotland dating from about 1700. Some Shorthorn blood was used in the improvement of the breed, which may account for the spotted and red cattle.

Mr. Stephen showed a number of lantern slides which illustrated very plainly some of the main characteristics of the breed. Ayrshire breeders have succeeded in establishing and maintaining a uniformity of type to a much greater extent than some of the other cattle breeders. The Ayrshire is especially noted for its stylish bearing, straightness of its topline, and a neat compact udder with a level floor and extending well up behind and carried well forward. The teats are generally exceptionally well placed. These points were clearly pointed out by the speaker from the slides shown. A mature class of cows at a leading exhibition was shown which clearly illustrated the uniformity of type. The many times champion cow, "Achenbrain Fanny," owned by R. R. Ness, Howick, Quebec, and the former holder of the world's Ayrshire record of milk production, "Jean Armour," bred by John McKee, Norwich, illustrated clearly the possibility of having high production with show-yard type. The noted champion bull, "Hobsland Masterpiece," owned by R. R. Ness, Howick, Que. was shown. All members of the audience were especially interested in the picture of "Burnside," the home of America's largest and best Ayrshire herd, owned by

R. R. Ness, Howick, Que., the best-known breeder and exhibitor of Ayrshire cattle in America.

The Ayrshire is continuing to grow in popularity among dairy farmers. The milk of the Ayrshire is particularly adapted for the production of certified milk for infants, having a high average percentage of butter fat, rarely below 4%. The small size of the fat globules in the milk, makes it particularly adapted for cheese-making.

Ayrshire breeders are uniting and forming Breeders Clubs for to "boost" the breed. There are nine of these clubs in Canada, and any farmer who may have an opportunity of attending a field day of one of these clubs, will be amply repaid. Mr. Stephen pointed out the value that a Live Stock Club might be to agricultural students. He stated that Canada would be a source of supply to replenish the flocks and herds devastated by the war. The Live Stock Club should receive the hearty co-operation and support of every O. A. C. student.—R. E. B.

#### HORTICULTURE CLUB MEETING

At a meeting of the Horticulture Society on February 14th, Prof. L. G. Schermerhorn of New Jersey Agricultural College gave an instructive, illustrated lecture on "Vegetable Growing in New Jersey." The "Hort." classroom was crowded however, although the meeting was to be over before 8 o'clock, many others were prevented from attending on account of the production of the sacred cantata, "Esther" on the same evening.

Prof. Schermerhorn had with him a large assortment of splendid illustrative slides and used these freely throughout his lecture. He emphasized the economic importance to gardeners of companion and inter-cropping and