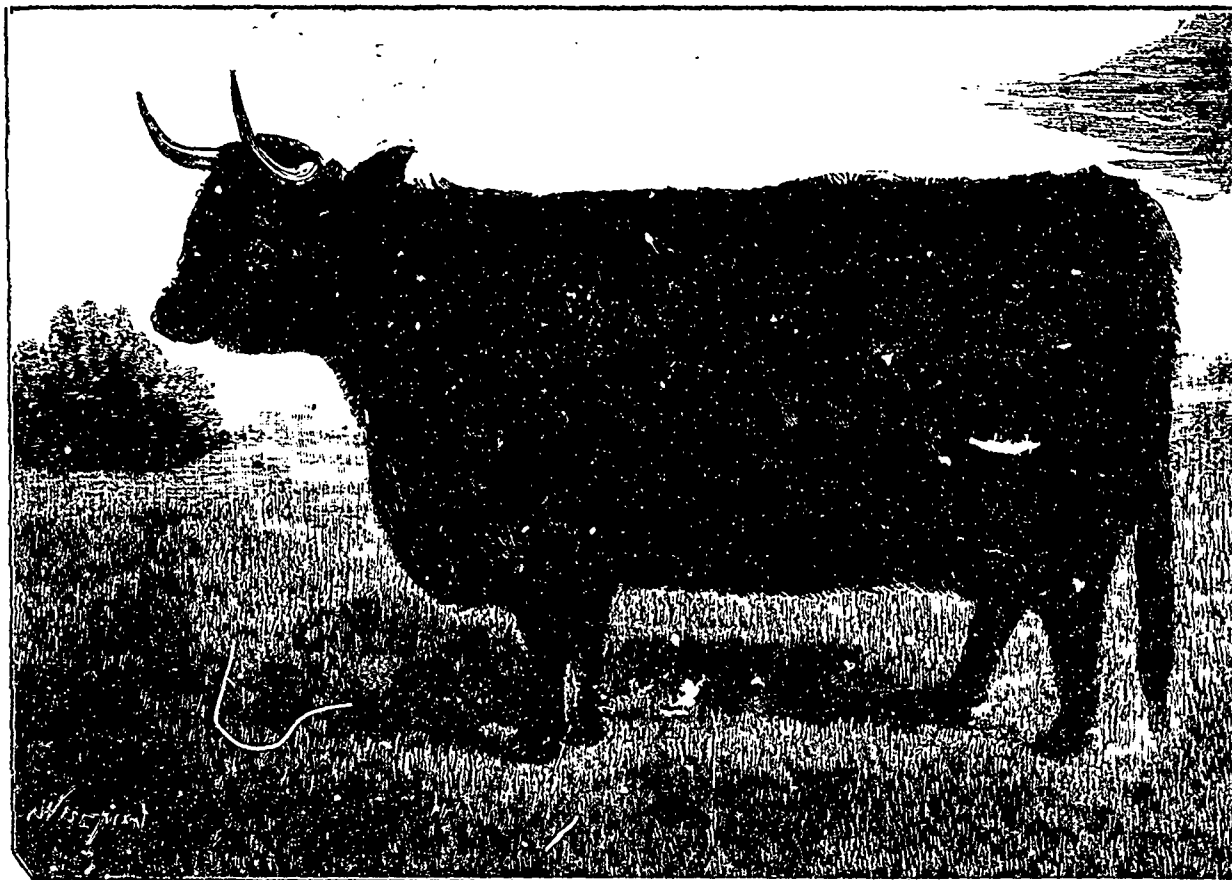


annum for well selected stock, not specially forced for milk-production with brewers' grains. The most recent figures I find are a herd of 25 herd-book Short-Horns belonging to W. C. Hobbs, which are stated in the Agricultural Gazette of March 6, 1883, to have given an average of 580 gallons during 1882. For the purpose of comparison with Jerseys, reference may be made to a most valuable record of a herd of 20 Jerseys belonging to Lord Braybrooke, stated in the same paper under date of Jan. 25, 1883, to have given an average of 478 gallons per head, or of 504 gallons, after allowing a due proportion for three which died during the latter part of the year. The largest yield of any one cow in the herd during the year was 902 gallons, but it gave only 364 pounds of butter. The largest quantity of butter was 407 pounds, obtained from 573 gallons of milk. In 1881

pressed in the local measures as "a pound of butter to 5 pots of milk." This is in cases where no extra feeding at all is given, beyond grass, roots, and hay. In having quoted my own results, I trust it will not be supposed that I desire to convey that my own herd is of exceptional character. I have done it only because I know of no one else who has tested the produce of Guernsey cows in the Island, as I have done, and because I consider, and have long recommended, such testing throughout a succession of years, as the only means by which an owner can tell which of his cows are best, and which do not pay. If the result is to show that cows of this breed can be so selected as to compare well with those of any other breed, so much the better for the public information. But I believe there are many herds in the Island which would show as good results as mine if the owners



KYLOE HEIFER.

the milk average was 516, and in 1880 544 gallons. The butter produced was, in 1882, 283 pounds per head, or at the rate of 7.12 quarts, or 18.6 pounds of milk to one pound of butter. But the cows were very highly fed, getting bean meal, malt dust, brewers' grains and oats, in addition to roots in winter, and even while at pasture in summer.

I am unable to state the proportion of butter given by my own cows, because I sell most of the milk, and only make butter of the surplus. It is, therefore, made chiefly at times when the milk supply is most copious, and when in consequence it is least rich in butter, and it thus varies from 17 to 22 pounds of milk to one pound of butter. The latter figure is the equivalent in imperial measure of the general estimate in Guernsey of the yield of an average cow, ex-

would take the trouble to reduce them to figures.

In a second letter I will endeavor to explain some matters which may be of use to the American purchaser, especially if he purchases in order to form a herd, and not for mere speculation.

J. BOYD KINNEAR.

Guernsey, April 15.

(From the Country Gentleman.)

#### OUR ENGRAVINGS.

*Judge.*—Winner of Grand Gold Medal, Paris Exposition, 1878. Every one knows, by reputation at least, this magnificent Polled Angus bull. He is still at the Provincial Model-Farm, and looks likely to continue the procreation of his race for half a dozen years. He was calved in 1875.