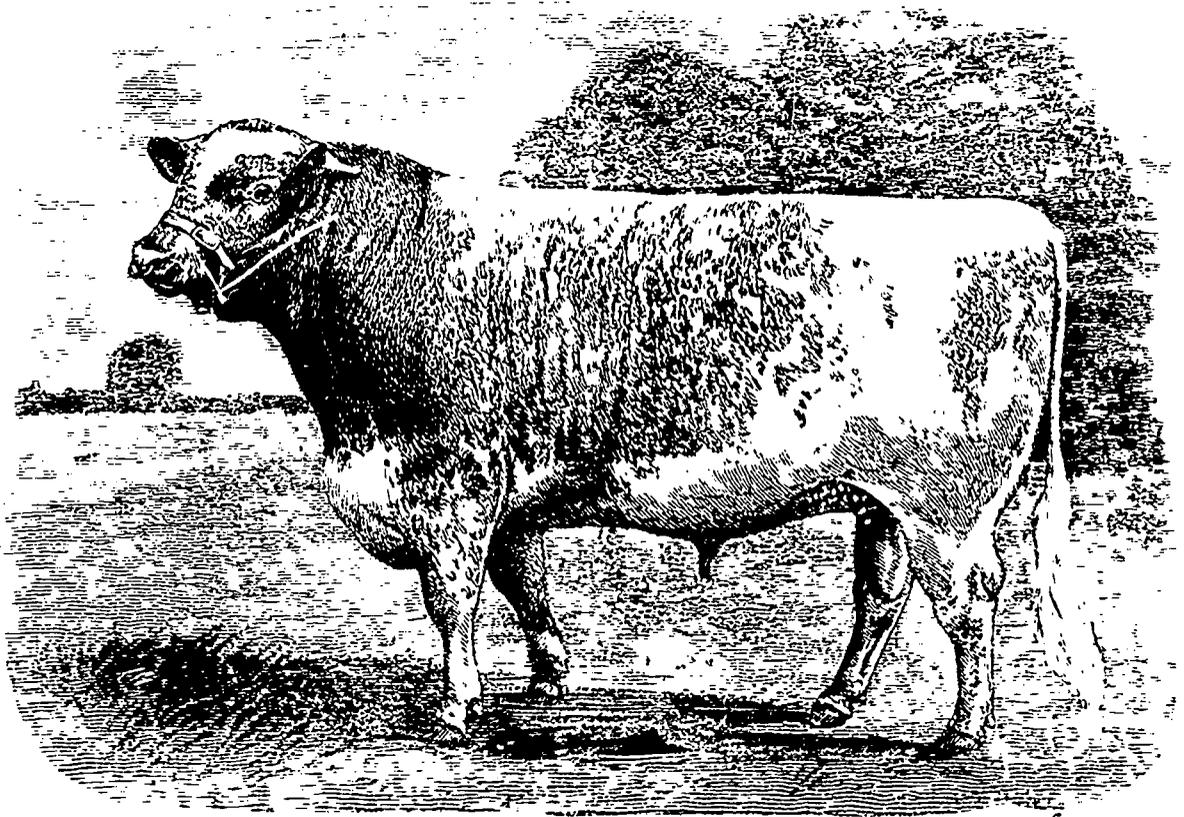


capacity was not large enough, the Dairy Supply Company are introducing one of much larger pattern, and which combines also improvements in the application of power, making it steady and better in actual working. For some time past it has been recognised as an important point for cheesemakers to be able to define the degree of acidity in milk, and the ordinary methods for this necessitate the use of buettes, standard solutions, and other preparations and instruments which are well known to chemists, but on this stand there is exhibited an invention of Mr. Alfred Stokes, F.C.S., the public analyst for several divisions of London. The apparatus, which, unfortunately, is of too recent a date to be entered for competition, consists of an ordinary tube which is filled with

THE REASON WHY.

The secret of good crops on light land is sheep keeping and corn feeding. As long as the sheep pay we may leave the rest to take care of itself. If the sheep pay for their cake the problem is solved, and of course this is an important question. Where flocks have been given up the farmers cannot reap the benefit of a return of genial weather, and it is sad to hear that over large tracts, well adapted for this husbandry, reduction of capital has produced a diminution in the number of sheep. Much of the chalk land of this country cannot be successfully cultivated except through the medium of sheep, and the low prices of cake and corn have greatly helped to accentuate



SHORTHORN BULL CHALLENGE CUP 57,029.

The Property of Mr. T. Deane Willis, Bapton Manor, Codford, Wilts. Winner of Champion Prize as best Bull at the Oxfordshire and Essex Shows 1890, and of numerous other honours.

the milk up to a certain point, then pellets of a pink colour are dropped in one by one, which dissolve when the milk is stirred, and as soon as a faint pink tint is manifest in the milk, it shows the degree of acidity, which is indicated by the number of pellets which have been put in, each pellet representing one-tenth of one per cent. of lactic acid. This most handy appliance takes a short time to operate, requires no skill, and we recommend it to the notice of every cheesemaker and dairyman. The process has been patented, and the Dairy Supply Company have secured the sole agency. We are accused of over hopefulness and complimented on our cheerfulness, but certainly a walk round to day was reassuring and seemed to justify the hope of a fruitful season.

Eng. Ag. Gazette.

this fact. The time is gone for looking for indirect profits from sheep through corn-growing. We must now clearly see the margin of profit from the sheep themselves, and trust to the corn as an aid or supplement only. JOHN WRIGHTSON.

On the 23rd of June the English papers spoke but hesitatingly about the coming harvest. The *Star's*—Montreal—special correspondent had no doubt about the absolute ruin of the crops in Britain. The news from Manitoba was that the wheat-crop there was positively safe from all danger, and would be the best reaped since the creation! What is the use, to any, except speculators, of these absurd prognostications? The English reporters know that the crop is never safe till it is in the stack, and they say so. The American reporters do