

The experiment was a comparative one between linseed cake, cotten-seed cake, and bean meal, each in combination with swedes and straw; the result was highly favourable to the cotton-seed cake as a feeding stuff. Several others are recorded in the same article as having experimented with it, all of which reported favourably of it except Mr. Dudgeon, one of his beasts having died suddenly from it: but Professor Dick gave it as his opinion, upon examination, that the animal had died from surfeiting itself with the cake, as, by the analysis, there was nothing deleterious in it. We hope this inquiry will bring in reports from any of our correspondents who have tried the cotton-seed cake in feeding sheep and cattle, to which we shall gladly give insertion.

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### THE PLEURO-PNEUMONIA.

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Various kinds of remedies have been proposed for this very often fatal complaint amongst horned cattle, and as I am not a veterinary surgeon, but a farmer, I think the following narrative of its history and treatment may be interesting to some of your agricultural readers at the present season, when the lung complaint is making such fatal ravages in some localities. It was my misfortune in the autumn of 1857 to purchase amongst other kinds of heifer stock 10 Irish heifers (of English origin), which I had previously known, as they had been throughout the summer in the neighbourhood. They at the time I bought them were in good condition, with no cough or appearance of disease; neither was the change great from where they had previously been; but they had not been in my possession more than a month before two of them showed every appearance of the lung complaint, and did in the course of a few days; another fell ill and died; these were all setoned and attended to by a veterinary surgeon. The unfortunate termination of the attack induced inquiry as to treatment from farmers who had been sufferers. The inquiry being overheard by a person in the market, he kindly gave me his experience of a remedy sent to him by a friend, which is as follows:—Immediately the first symptom of very hard breathing and an utter prostration of strength appeared was to put them in a warm place and give them 4 oz. of sweet spirits of nitre each, and clothe them quite warm; put a seton in the dewlap; after the expiration of 12 hours repeat the dose. If there is no improvement in their appearance, after eight hours give one pint of linseed oil. Continue the warm clothing until they get better. The dose must be regulated according to size and age of the animal; 4 oz. is sufficient for a two years old bullock. The success that attended the above treatment in the case of a person who favoured me with the remedy was as follows:—Out of a lot of 70 Irish heifers, 12 were attacked and died in the course of a fortnight. At this time he had been favoured with the receipt and manner of treatment, which proved perfectly successful on eight more that were attacked; but they all recovered. In my case four were attacked with the same symptoms as those that died, three of them perfectly recovered, but the fourth I had slaughtered, as it did not recover its appetite; the three that recovered did perfectly well, and were sold fat to the butcher in September last from the grass. When they were under the treatment I found it necessary to keep up the system with warm flour and linseed gruel, until they could eat warm bran mashes, &c.—*John Rivers, Giffards Farm, Gils-ton, Herts.*