THE EFFECT OF STEAMING FOOD ON THE PRODUCTIVENESS OF COWS.

Bo much attention is now being given to the question of steaming food for cattle that any facts concerning it are especially interesting. It is often asked. "Do the farmers of England, the best cattle feeders and the best farmers in the world, steam their food to any considerable extent?" So far as we know no years an engagement affirmative reply the world, steam their food to any considerable extent?" So far as we know no very encouraging affirmative reply can be made to this question. But, then, circumstances alter cases, and we are very differently situated from English farmers, in that our winters are very much colder, and that, owing chiefly to the scarcity of labor, we cannot compete with them in the production of root crops — roots being less improved by steaming than any other winter food. Yet, while from their less necessity for cooking, the English give less attention to it than we do, it is to an English farmer that we must go for the most conclusive evidence in favor of cooking that we have yet seen—evidence so conclusive that we give it more space than we like to devote to a single subject.

Mr. Thomas Horsfall, of Yorkshire, England, is very high authority in dairy matters. In one of his elaborate reports to the Royal Society he describes an experiment undertaken to show the comparative effect of feeding cooked and uncooked food. The experiment commenced January 1st. He selected one of his own cows, one of Mr. Smith's and one of Mr. Pawson's (neighbors), thinking that if he changed some of his own stock from his steamed food to dry hay they would not do so well on it as would cows that had been kept in the ordinary way.

Mr. Smith's cow was small, but a no-

would cows that had been kept in the ordinary way.

Mr. Smith's cow was small, but a noted milker, She had been in good condition at calving (her third calf,) but fell away sensibly during three weeks thereafter. She was fed on hay only—eating twenty-eight pounds per day. Mr. Pawson's was a heifer three years old, with her first calf. She, too, fell away very much in her condition. Until late in November she was grazed during the day and housed (with turnips) at night. From that time until February her food was (per day): Inferior meadow hay, 18 pounds; Swede turnips, 45 pounds; ground oats, 9 pounds. After the first week in February the oats were discontinued, and hay given ad 1000mm. Mr. Horsfall's cow was of small size but a large milker. She was in good condition at calving, and gained fiesh on her diet. She was fed on "steamed mixture" and 1\frac{1}{2} pounds bean meal, fed raw—the mixture consisting, for each day's rations, of 5 pounds rapecake, 1\frac{1}{2} pounds bran, and 1\frac{1}{2} pounds malt combs, mixed with enough bean straw, oat straw, and shells of oats, in equal proportions, to give three times a day as much as she could eat. After such feed she received 3 pounds of dry hay.

The following table shows the conditi-

The following table shows the conditi-on and performance of each animal:

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Mr. Horsfall's cow;

each probably did his best to prove the GALVANIZED IRON WITH RUBBER B superiority of his own system.—Er.

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