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a moment but that wheat is the cheapest of the four grains raised, for feeding to stock. Some farmers are already acting upon this knowledge. But as wheat is too heavy fed alone, we are mixing wheat and oats, half and half, for feeding horses and horn cattle. Sheep will stand wheat and corn mixed will do much better than on corn alone. Why then is it not much more economical for the farmers to sell all, or nearly all, their coarse grain and feed their wheat, thereby reducing the quantity of wheat by disposing of it for a a better price than the speculators and consumers are willing to pay for it?

Feeding Meal.

The following, from L. W. Miller, in the Chautaugua Farmer of August 24th, are views and ex periences of a practical dairyman, and as such entitled to consideration.

The records of the factory where I send my milk show an aggregate of 531 cows. There are

wet meal daily to those giving milk. Under this treatment they did well, and although the flow of milk was less than when fed hay, its quality was excellent and the butter superior. The bean vine butter, however, was poor.

I find, by the factory records, that my cows are giving five pounds of milk each, per diem, more than they gave during the corresponding period than they have a substant on have a light with this last year, when wintered on hay. But with this difference in their treatment:—This season my hill pasture has been very short during the entire seapasture has been very short during the entire season thus far, although I am carrying five head of stock less than last year, and I have in consequence fed about three quarts of dry bran, per head, to my herd daily. I do not think, however, that this bran would make up the deficiency in pasture, as compared with last sagson

compared with last season.

I fed this winter with Western meal instead of yellow native corn of my own growing, as hereto-fore. White Indian corn contains only a fraction of one per cent. of oil, while yellow contains nearly four per cent. There was a marked difference in

Consider, if you please, pelled from the system. the whole animal a machine, which requires power to run it. The food which it eats is that power.— Every motion, even to the chewing of the cud, uses up power, and is made upon the actual nourishment which the food contains. If twenty pounds of hay is fed to a cow, fifty per cent. of its actual nutriment is used up in mastication, re-mastication and the other processes through which it passes to prepare it for digestion, and to expel that which is prepare it for digestion, and to experiment which is worthless from the system; the remainder supplies the waste of the system, and is just about equal, in nutritive value, to three quarts of Indian meal.

In nutritive value, to three quarts of Indian meal.

The miller can do the work cheaper than the cow—he takes one-tenth for toll, but she takes one-half. Nineteen pounds of hay cut into pieces two inches long, is said to be equal to twenty pounds of uncut hay. No nutritive value is added to cut hay, only so much labor is saved in mastication to the animal eating it. If it could be ground fine as meal, the saving would be in proportion.



my own the present season—one of them nearly two pounds more daily; but the last sale of cheese of which I have a record, being the make of sixteen days, from June 10th to 26th, credits my herd with giving two pounds fifteen ounces each per diem more than the average of the whole 53I. My herd was selected with reference to making butter, not cheese, and I have never regarded them as great milkers. They averaged twenty-seven lbs. per diem for the sixteen days' sale.

In 1873, I wintered my herd upon hay. came through in good condition, and were fed durcame through in good condition, and were fed during the spring months with two quarts of meal daily, and all the hay they would eat. In 1874, I fed for nine weeks (while dry) three quarts of meal; then what hay they would eat and two quarts of meal for three weeks; then bean vines and meal for four weeks.

three herds of cows giving as much, or more, than its effects from anything I have ever seen while my own the present season—one of them nearly teeding yellow meal. The hair first began to look and feel stiff and harsh; then the skin became dry, with the appearance of scurvy, after about six weeks' feeding; and finally some of the herd animals, and this spotted deer (see engraving) meal equal to yellow; but the eyes of the whole country were upon me, predicting failure, ruin and starvation to my cows, and I chose to run the risk of consequences, without any variation from what was advertised; but I shall never feed white meal exclusively again, without adding to it something to supply the deticiency of oil. Hereafter I intend to winter my cows, when dry, upon meal, when I can get it in preference to hav.

The Tiger's Victim.

Next to the Lion, the "King of the Forest," the Tiger is the most ferocious beast that roams the wilderness. He is the terror of all the weaker weeks' feeding; and finally some of the herd actually broke out with small blotches along the back and sides. I understood perfectly well that a small quantity of linseed oil-cake fed with the meal, would correct all this, and make the white meal equal to yellow; but the eyes of the whole country were upon me, predicting failure, ruin and country were upon me, prefer it to any other food, and will seek their prey in the most determined manner. Some assert that the tiger is untameable. This is a mistake, for he can be tamed as easily as the lion, and displays much affection for his keeper if meal; then what hay they would eat and two quarts of meal for three weeks; then bean vines and meal for four weeks, losing one of my best cows in the operation, and setting the whole herd sequering badly and losing flesh. Then I did what I have never done before to cows giving milk; I fed the balance of the spring on clear meal, a period of about five weeks; giving five quarts of the spring of the spring on clear meal, a period of about five weeks; giving five quarts of the spring of the