that particular breed, both males and females, which it with the linseed mucilage in a boiling state, importance as the general size of the family to which perfect animals were produced by breeding from those return of his capital, which was the life of trade. size of the race to which they belonged. In the management of the pregnant cow, he recommended that all high condition, should have a gentle purgative adminis- standing it be a rich and nutritious diet, the muscles, preparing to put on their summer coats, which were invariably formed at the expense of the constitution; and wet, at that period, produces frequently constitunot of the kidneys, is the result. *Hoove*, he considered, also an affection engendered by crowding young cattle together during the winter, and brought into action by exposure to a few cold stormy nights shortly after being want of proper ventilation, as well as exposure to damp and cold. He strongly enforced that all stock intended to be depastured the following summer should never be tied up in close ill-ventilated cattle-houses during the winter, but kept in small yards having sheds attached, sufficiently large to accommodate four or five steers, or two or three heifers in calf. Those yards which are called hammels in the south of Scotland, should have a well littered to keep the young stock dry and warm. Those yards would be found convenient for many purdescribed the method of feeding, as adopted by Messrs. Davey, very minutely. The cost of each bullock was about 1s. 51 l. per day on the average. Thus-

		a.
2lbs. of linseed, 41s. per qr		23
6ibs. of barley meal, or rye, at 3d.		41
& lbs. of tarnips, at 10s, per ton .		41
1 libs. of hay, at 3s. per cwt		44
Attendance and fuel		1 🖁
		<del></del> ,
	- 1:	s. 514

is intended to propagate from, and maintaining the were fed six times a day—three times with turnips, and some (changing occasionally from one family to the three times with the inseed compound; and on this other) in the greatest purity. He considered that the system they were enabled to fatten oxen, averaging 10 size and general appearance of a bull was not of so much ewt., of the very best quality meat, in sixteen weeks. Thus the farmer is enabled to feed three animals instead he belonged; and also, as it respected cows, that more of one on the old plan, and thereby make a quicker of a small size, than when they exceeded the ordinary lecturer said that there was good policy in using chaff, of some kind or other, as a vehicle for the linseed muagement of the pregnant cow, he recommended that all citage into the stomachs of cattle. It the stomachs of petted cows, and high-bred ones particularly, when in a cattle were not moderately filled by a meal, notwith-high condition, should have a goodle particularly when in a tered some three or four days previously, and repeated, whose exercise tend to produce a healthy digestion, are with moderate bleeding, imm diately after calving. In the calculation of the food being kept in constant This precented dropping after calving. Red water, he motion in the stomach, and indigestion, with all its considered, was frequently caused by turning young various train of evils, was the consequence. After this, stock that have been warmly housed during the winter, the lecturer proceeded to point out many diseases in into the fields just as the spring sets in. From the hot-house system they have undergone, they are prematurely preparing to put on their summer coats, which were also diseases of the third stomach—the manyplus—such and the exposure of their almost naked backs to cold, said there were very found. said there were very tew diseases by which cattle were afflicted, in which it is not involved. It was frequently tional disturbances of the digestive organs; and red diseased from being overloaded with hard, indigestible weter, which is primarily a disease of those organs, and food—such as straw-chaff, fibrous turnips; and in most cases of death, which occur from this cause, portions of indigested food have been found in a hard, baked state, between the leaves of the manyplus. Respecting cooking of food for cattle, he shewed, both by the peculiar turned out. Diseased lungs were also commonly prodigestive apparatus of the exduced by the same cause. He considered it dat gerous perience of farmers, that steaming of roots, hay and to breed from a consumptive cow, as it is commonly straw, was unnecessary; and he strongly recommended communicated to the offspring. The heifer of a consumptive cow may rear her first calf, but very rarely the lecture was confirmed by several experiments, a second one. The lecturer then described some of lately conducted, on the feeding properties of grain of straw, was unnecessary; and he strongly recommended the bruising of grain of every kind. This part of the pestilential low typhoid diseases, such as murrain, different descriptions, given in a whole or broised state. pleuro-pneumonia, &c. &c., and said he frequently In regard to rearing cattle, Mr. James thought they traced their source to the crowded state of cattle subjected themselves to great loss in the early days of houses, and the exposure of the inmates to dirt, filth, and rearing calves, which were generally taken from the rearing calves, which were generally taken from the cows when four, six, or eight days old, and then are put entirely on skim-milk. If they were allowed to remain on the cows eight days, and then had raw milk for the next eight weeks, it would make a very considerable difference in their appearance.-Mr. Kendall said that during the last fourteen or fifteen years he had bought and fed about five hundred bullocks, and had kept them as recommended by Mr. Karkeek, running in rough southern aspect, and the floor of the shed should be yards during winter, and let them go in the fields in raised about two feet above the floor of the yard, and summer. His object was never to fatten them during the winter, but in summer; and during the last fourteen years he had not lost one out of 500 animals, though sec, and he believed that few tenants would relieve payto fatten eattle during winter, he should keep them ing 5 per cent. on the outlay to his haddlord for the
the house rather than in the yards. Box-feeding, he accommodation. Respecting fittening cattle, he spoke believed, was preferable to tying up. He had known of the new method lately introduced on several estates in this district, by feeding cattle in boxes, as on the ed out in May, but his bullocks being kept differently estate of Danbuz, of Killiow, Mr. W. Hodge. Callestock were not so affected by the weather; bullocks kept in estate of Danbuz, of Killiow, Mr. W. Hodge. Callestock were not so affected by the weather; bullocks kept in Veor, and the Messrs. Davey, Tywarnhayl, farm. He the house, he thought, should not be turned out in the summer.-Mr. Karkeek considered, that cattle once tied up should remain so till sold to the butcher; and there was no doubt that cattle would fatten better it tied up in the house, or in boxes, than if kept on the hammelling system, because cold, wet, and damp pro-duced hunger. He recommended hammelling for cattle intended to be pastured in the following season, but cattle intended to be fattened should be tied up or put in boxes. In reply to Mr. Downing, Mr. Karkeek said, that turning the cattle out occasionally in winter, when the weather would permit, which was the common practice The chopped hay or straw was first mixed with the tied up by the head,—but the hammelling system was meal in a shallow wooden cistern, and was incorporated better. Mr. Kendall was of the same opinion .- Mr.