It becomes milder, and somewhat softer, and from cows will average 24% each; and in site proportion to a full yield of milk. I more casy to masticate by keeping. To London where the price is 4d. per quart, now proceed to describe the result of this prevent the too great access of the atmost the yearly receipts will be 48%, from each treatment on my milch cows of which I phere and its moisture, I cover the cake on an average yield of 8 quarts per day maintain about 15. In March, 1854, I first with saw dust, and chopped straw, or other Food is consequently dear; hay is much began the practice of weighing such of my similar material. This preserves it sweet used at the cost of from \$\frac{1}{2}\$, to 5\frac{5}{2}\$, per ton; mileh costs as are not in call, a practice and free from mould. For several years I used it when crushed, gold wurzel as high as 11. 10s per ton of the doings of my cattle than I could pre-

a sprinkling of hean-meal. The mess was cows at the fairs brought thither from a dis-full milk giving from 6 to 9 quarts per meal, food. Up to 1852 it it consisted of-Chopped oat straw, and shell

Swede turnip per day, for use..................60 4lbs rape cake, and 2 lbs. bean meal; or 5lbs. cake, and 1 lb bean meal 6

My food at present consists of steamed-

Chopped out straw, shells of oats, and been straw, 16 lbs. ; 4lbs. rape-cake, and 2 lbs. bran, blended to together before steaming.22 60 lbs, Swede turnips, or 50 lbs. Mangold, given in a

Of dry chopped straw in addition.....

raw or natural state.....60

progress. On light heifers, say, from 7 to my treatment of milch cows. weeks to make them fit for the market.

yet, by beginning with a little at a time, and equal, they will give a higher price in pro-isome having slightly increased, others slightpersevering, I found that I could accustom portion for a cow well stored with flesh and by decreased, the balance on the whole them to eat any quantity I thought it desi-fat. It is a common saying, that condition being rather to gain. I particularly noted the rable to give them. I limit them to 4 or in a mileh cow of equal milk is so much one which has given the greatest quantity 5lbs. of cake, and 1lb. been meal each per stronger to lay on flesh or fat, that not only of milk. Soon after calving, her yield was day. More recently, since 1853, I have is the ailment of the food diverted to this near 10 quarts per meal, or 19 quarts per had recourse to steaming, and now use a purpose, but to all appearance the accumu-day. After milking 16 weeks, the quantity portion of bean straw, rough seed, and chop-lated stores of fibrine or flesh, also of fat, is reduced to 15 quarts per day. She is in ped straw, together with 4lbs. of rape-cake are drawn upon and converted into compo-full condition, and has weighed at each of and 2lbs. of bran. The whole is previously nents of milk, casein, or butter; with the the times exactly 11½ cwt. As likewise mixed and then steamed together. The disadvantage of dear food, it may probably one which has been longest under observa bean straw and bran give a relish to the be consistent with economy in such localities tion. She was bought in November, 1853, mess, and the cattle devour it greedily to afford their milch cows such supplies of a week after calving. The first few days There is an advantage in this method, as food as tend to the yield of milk without giv- she gave but 5 quarts per meal; with better they do not require time to accustom them ing due attention to the maintenance of keep she increased to 6 quarts, and when at to cat the requisite quantity. I now call their condition. When the yield of milk is the height gave nearly 8 quarts a meal, or attention to the components of my fattening reduced, the condition of the cow is almost 15 quarts per day, which quantity she coninvariably reduced likewise, and they are tinued up to July. From that time till then disposed of to some purchaser in a far-September her yield averaged about 6 quarts ming district for fattening or for breeding, per meal, or 12 quarts per day. My Bieng, however, differently circumstanced, weighing did not commence till February, in a a farming district, I not only fatten my up to which time she fully maintained her own dairy cows, but purchase, in addition, condition. Her weight was in such as are sold off by dairy keepers. I, ply my milel cows with food to maintain March. 9
92lbs. per day and improve their condition. With this April. 9 view I pay great regard to the composition May..... 9 of the produce milk, which is rich in casein June............ 6 and also in phosphate of lime. Experience July 9

ceks to make them lit for the market. Observed that rape-cake and bran are rich ly part of May to October my cattle both in The economy of feeding mileh cows va-in phosphate of lime, and also in phosphoric milk and for fattening, are turned out into

turnips sparingly at 16s. to 20s., and man-which has given me a far more accurate idea mixed with shell of oats, chopped straw, and The dairy keepers in such localities buy their viously have pretended to. I find that those in moistened with cold water, well-blended tance. It is of importance to look into the or 12 to 18 quarts per day, are fully main-and though the cattle did not take it at first, conditon of the cow, and other things being taining their weights. There is a variation,

0 14

flesh and fat; and I see no reason to doubt ply of grains was furnished for trial, which that a result will follow as to the supply of were brought once a week from a brewery phosphates in the effect on the bones. It at some little distance; the whole of the catis also certain that if a due proportion of the in this feeder's care being similarly these elements be not supplied in the food, affected, showing a loss of weight, it was asthe milk will be delicient in properties so certained that the quantity assigned to him essential for the purpose for which it is in-had been given too freely in the first two tended, that of building up the muscles and days, instead of being apportioned over the bones of young animals. With these pre-week. This had the effect of hastening the On this fare my cattle makes satisfactory remarks, I now invite attention to evacuations. On the practice being regula-

ted ,the animals recovered their weight. I 9 cwt. each, I look for an averge gain, For extra food, and during winter, I gave may here remark that a change to more rethrough a lengthened course, of not less than them the same materials and quantity as to laxing food is always attended with an ap-14 lbs. per week each, and on cattle of a my fattening stock with a more limited sup-parant loss in weight, whilst a change to larger size, say from 10 to 12 cwt. each, a ply of roots, say 30 lbs. of kohl rabi up to more binding or costive food shows an ingain of from 14 lbs. to 18 lbs. per week February, and after then a like quantity of crease will effect the quantity of material in each. When brought in fresh condition it mangold wurzel, with an addition of 12 lbs. process of evacuation, but may not influence requires 16 weeks, or, when lean, 20 to 24 of meadow hay each per day. It will be the condition of the animal. From the car-

ries with the circumstances of the locality acid; and it admits of computation, that of pasture during the day, and housed during In the neighbourhood of towns, where milk these elements the quantity in the extra the night; they are supplied each evening is sold at 2d. per quart, the gross receipts food is amply sufficient to supply the requiland morning with the steamed mixture.