Sugar and Red Turnep rooted.

Parsnips should be planted as early as possible in drills, like beets, and to common with all root crops require a well manured

Parsley should be sown early in drins one foot apart and one inch deep.

Saisify, or vegetable oyster, requires the same treatment as carrois and parsups

Onions may be sown about the middle of April, and buried half an inch deep in drills twelve inches apart. When of suitable size they are to be thinaed to a distance of two or three inches in the drill. One of the best varieties is the Silver-s. in red; The Strasburg is good for a general crop.

Let uce may be sown as early as is desired, either in a hot bed or in open ground.

Egg plant may be sown in a horbed, the sash to be closed to keep in until it is up. In the middle or at the end of May, the plants are to be set out two feet apart in good garden soil. If transplanted too early it will hurt by frost.

Celery should be sown as soon as spring opens, in drills half an inch deep, and atterwards transplanted into open ground in pro-

per trenches for earthing.

Sea Kale requires a deep rich sandy loam, as the roots penetrate to a great depth, and should be sown as early in the spring as the state of the ground will admit, in drills, an inch and a half deep, twelve or fifteen mehes apart, and six or eight inches in the drill. When a year old they are to be transplanted more than a foot apart, and blanched by covering them nearly with sand, gravel, or what is much better, inverted pots. Three what is much better, inverted pots. or four weeks are required for the blanching.

Tomatoes are best raised by sowing them in hot beds, and afterwards transplanting them into open ground. If the soil is rich, they should stand when transplanted, at a distance of at least two or three feet from

each other.

CATTLE.

The best cattle have the face rather short; the muzzle small; the horns fine; the neck tight, particularly where it joins the head; the chest wide, deep and capacious; the tail broad and flat towards the top, but thin towards the lower part, which it will always be when the animal is shall boned; the lower part of the thigh small; the legs short straight, clean, and fine board, though not so fine as to indicate delicacy of constitution; the flehs, rich and mellow to the teel; the skin of a rich and silky appearance; the counterance calm and placed, denoting the evenness of temper, essential to quick feeding and a disposition to get fat.

Every breed of animals which has through

upon little.

ought to be sufficiently well fed to preserve ther, and enable us to improve the race. given no more food than would be sufficient extent, become fatteners; and what are the community at large for an Irish or Highland Scot's peasant

proportion, as their chests are capacious: but which warmer climates produce. the linbits of ancestry will operate very pow-

Among some of the best for caming are the inner circumstance of great height. While the other) they will be most easily obtained equally great, if not greater weights can be obtained with shorter legged animals, they are independently of other recommendations, generally found to possess better constitutions and greater propensity to fatten

Mr. Knight says, the constitutional disposition to form fit, is certainly hospile to the disposition to give milk. Cows which give little milk often present large udders, which cont un much solid matter; and, to inexperienc d eyes, a two year old Hereford cow would give a promise of much milk, where very little would be given. A narrow furehead, and a long five, nearly of the same width from end to end, as in the Alderny cow, certainly indicates much more disposuon to give milk than the contrary form. waich I have pointed out as indicative of a digosition to fatten.

Fat animals are more generally those of the north, where cold dummishes sensibility Fat indeed, appears to be the means which nature very extensively employs to lower sensibility by interposition between the skin and the central parts of the nervous system. Fat animals, accordingly, have not only less sensibility and irritability of the skin, but of the organs of sense generally. Thinner animals, on the contrary, are more generally those of the south, and have more acute sensibility and exquisite sensation.

In reply to this observation, Mr. Knight says, I do not doubt but you are right respecting the use of fat in cold climates; all sleeping animals, through winter, go to sleep in a fatted state. I do not think that breeds of cows, which give much rich milk, are very hardy. The Alderney cows are what the Herefordshire farmers call very nesh, that is, very incapable of bearing any hardship of any kind, and particularly cold, conse-

quently of greater sensibility. Cows which give much milk have the power of eating and digesting much food, and they require, whilst they give much milk, a very abundant and good pasture. The breeds of cows which give less milk, and present greater disposition to become fat, are generally less nesh, and will fatten upon less The influence of the feelings is very considerable. I have observed that whenever a young Hereford cow disliked being milsed by the darrymaid, she soon ceased to give milk; and I do not doubt that, in all cases, if the calves were twice every day permitted to suck after the dairy maid had finished her labor, the cows would longer con-

This tends to corroborate what has been

tinue to give milk and in larger quantity.

ble to milking.

If this led only to distinction of these two kinds as to milking, namely—that of fatness a few generations (two or three is sufficient) and thinness, and that of smaller and larger been overfed, requires similar feeding; and organs of sense and greater or less sensibilthe offspring of such animals require and can ity, it would still be valuable, as showing, eidigest more foodthan others, who have lived ther at a later or an earlier period, what we may expect in this important particular. All growing animals, including mankind. But perhaps its utility may extend still fur-

circumstances which would most favor such

As these two desirable qualities are both It is the width and depth of frame, says Mr. opposed to each other, (for excess of one se- in the enclosure of some individual, who appears, which confers weight, and not the cretion is always more or less at the cost of pears to have more regard to the indulgence

by being distinctly sought for, and the ammal of diminished sensibility will most easily fatten, while the animal of increased sensibility will most readily yield milk.

These views are confirmed by the conduct of the London dairy-men. While they acknowledge that the Alderneys yield the best milk, they keep none of them, whatever they may pretend, because these animals are pecultarly delicate, and more especially be-cause they cannot, after being used as milkers, be fattened for the butchers. The York an I Durbria cows suit them best.

In cert in constitutions, however, and to a vertain extent, there is a compatibility be-

tween fattening and milking.

Mr Knight says, the disposition to give much and rich milk, and to fatten rapidly, are to some extent at variance with each other; but I have seen causes in which cows which have given a great deal of rich milk, have given birth to most excellent oxen, the cows themselves, however, always continuing small and thin whilst giving milk.

I very confidently believe in the possibility of obtaining a breed of cows which would afford fine oxen, and would themselves fatten well; but, as 'great milkers require much more food than others, the farmer who rears oxen, does not think much, perhaps not e-nough, about milk, and is in the habit (which is certainly wrong) of breeding his bulls from cows which have become his best, owing only to their having been bad milkers.

In the selection of bulls, besides attending to those properties which belong to the male, we ought to be careful also, that they are descended from a breed of good milkers, at least if we wish the future stock tosess

this property.

ROADS.

As the "Farmer" is understood to be devoted to every thing that has relation to the interest of the farmer, I take the liberty of forwarding a few lines on the subject of roads and road mending; than which, there are few subjects which have a more intimate connection with the interests of an agricultural community.

Many of our readers have, from various causes, been very injudiciously located, but as they are now generally the division lines of contiguous farins, and the habits of our people have become conformed to them, it would not be an easy matter materially to change their position; so that we must submit to what we cannot easily remedy; and contime to travel over steep hills, when it would said as to greater sensibility being favora- be much easier to go round them, or to approach their summits at a less angle by oblique directions. In the selection of juries to lay our new roads, it would be well for the judges of our courts to display their powers of discrimination, in selecting the most intelligent and enlightened men to be found in the country; and it would not be amiss, if those thus delegated to perform such an important trust, in which not only the present generation, but posterity will have an interhealth and strength, but never to be sumulated by excess of food. The children of parents, however, who have, through many fatteners may most easily become milkers, to a similar tions to the prejudice of the interest of the

After roads have been laid out, confirmed partial interchange, if not absolute improve- by the court, and opened in obedience to, The chief qualities sought for in cattle are ment. Indeed from these principles I would and according to law the public are the until tendency to fatten on little food, and that conclude, that an immal fattening in the doubted proprietors of them, and have the to yield abundance of rich milk. The ten- north, would become a better milker in the right through their proper officers to the exdency to fatten is indicated chiefly by the ca- south, where a more genial temperature clusive jurisdiction and care of them, to the pacity of the chest. Animals of all species, would render fat less necessary, would in- full winth and length they have been so laid says Mr. Kinghi, all other qualities being crease sensibility, and would cherish the se- out. Now it must be obvious to every personal are I that, compile of labors and are constant. equal, are. I think, capable of labor and pri- cretion of milk, so intimately connected with son who moves to and fro in our country. vation, and capable of fattening, nearly in that excitement of the reproductive functions that in numerous cases our highways are much straightened and contracted, and in some instances full one-third of the public dependent upon one system, and as they are right is discovered to be over the fence, with-