atmospheric influences, and thus gradually prepared itself deeply in the soil, and produces a heavy for vigetable nutrition. When so prepared the ordered crop. Both varieties are of executive. surface; but merely that it should be loosened by the dinary plough may be set from time to time a little deeper, and the subsoil, be thus gradually incorporated, with the surface soil. Subsoits of sand, and of some gravels, are exceptional cases, but in ma y all clays and in all sub oils of an alum nons or tenacious! nature and into which we know the roots of our crop will extend themselves in search, of food, common rense would seem to point out the advantage of adopthose means by which that food can b most readily supplied "

The editor of the Mark Lane Express. speaking in reference to ploughing and pulverization, observes:

"On very light land it is not so much mechanical tillage as abundant manuring that is the principal agent in producing crops; so that or observations will mainly bear upon the culture of hams and clays Where the plough can turn up only a thin staple of loose, weak sand or peat, or flinty loam, the bu verization of the soil becomes almost as condary point to the preserva ion and even increase of its to nacity; hence the great value of the presser and roller upon such land, and the endeavour to perform as much as possible of the tillage without the plough, which always lightens and turns over, whether the ground needs it or not."-Boston Cultivator.

...se@ss.... THE SELECTION AND CULTURE OF TURNIP-SEED.

BY A PRACTICAL FARMER.

To obtain, and preserve from intermingling a true Sock of good Turnips is of great importance to every farmer; and but few know what course to pursue to insure good seed from a well proved variety, or care much about the subject, generally confiding themselves to a purcha e from the marest seedsman or market gardener, who, in his turn re-ceives his usual annual supply from his "London seed-man," from "the old stock," which, in reality, is in a great measure literally too true, it being suf-ficiently rotorious that "old stocks" are continually mixed off, to the no small loss of the growers. I have more than once loss a crop, in my early days of business, from this cause; but since I have adopt ed the practice of growing my own seed, I have never lost one, or indeed had a defective crop; and this plan I have followed for may years so that my "stock," from eareful selection and close attention, has become we I known, and long been in high favour! in many districts.

The stock of any peculiar variety, if really good and hardy, should not be crossed with other like stocks; but if defective in any one point, i e., size, form colour of flesh, quality, hardness, habit of growth, quantity of top, length of neck, &c., &c., it may be profitably crossed under judicious care. I have grown in competition many varieties, in separate rows, along side each oth r, both of the Swedish and common sorts (having, on one occasion, twenty four Swedish varieties, besides many of the common varieties), taking care to note their poculiarities: and my judgment has at last, settled down upon two principal varieties for my own growth: the Purple-top Swed-, improved by myself, and the Red hound or Gobe, from a known stock of fifty five years' standing. The Swedish variety is a cross from a very hardy and well formed globular stock, with the best-formed and largest bulbs of Skirving's

It may be thought unimportant to the general reacer to name these matters, but it is surprising to what extent growers will go to obtain first class stocks, and at great expense. I once saw a large and beautiful bulb of a purple Swede variety, from which the grower was about to obtain a stock, and to which he assured me he would not take £100. This incividual did subsequently show some fine specimens at the Smithfield Club Show, and his stock has long steod deservedly high.

There are so many good "stocks," throughout the country, that it would be envious to name at y single one; but it does behave farmers to look closely after a good stock, and to procure growing seed, come from whence it may. It is not desirable to be seed of the first year, the second year is better; it is more liable to run wald, and not to bub Seed wit if kept well, grow freely in the courth or with year; but never sow without triar, if it is o.d.

The common practice of procuring seed by the ondon house is, to have it grown by contract. The London house is, to have it grown by contract. seed-man finds the seed, and the grower is bound by contract to deliver it, in marketable concition for a certain price per bushel, solj et to the subversion of the seed-man during the period of growth

he district of Romney Marsh, in Kent, is the most resorted to by the London house, and as much as 2000 cres of seed are said to have been grown the usual course is to sow the there in one season stock on the hills, and take the plants is to the march to set. This is called transplanting, and is indeed to be preferred. Many, however, prepare the soi, and mere y deill in the seed, taking care to took the p ants carefulty over in flowering time I do not attach such great importance to the system of transpanting the burbs as is generally given to it. It is often adopted from convenience as giving more time to prepare The stock may be kept qually true by the ordinary drill course, under judicious care great thing is, to prevent intermixture and inocu ation: hence, no two similar varieties ought to be grown near together. Swede seed may be grown near to a common variety, we hout much danger, as the latter sort wit be most y out of flower before the Swede comes in It is, however, best to be far apact in a cases as bees are very industrious inoculators, and in this kind of propogation work injurious y

CULTIVATION AND MANAGEMENT .- I shall detai my own course of management of this crop throughout, which I think, will suffice for every useful purpose, although, in minor points I may duter from others.

Soil &c - This should consist of good strong loam. bu rich soil of any kind wol produce a cr p. It should be prepared in the autumn by deep ploughing and pulverisation, but not reduced to too fine a tilth A somewhat open sia e, so as not readily to run together from heavy raids, i- best.

SELECTION OF BULBS FOR STOCK:-To keep up a good, a regular, and true stock, I select from the field erep of turnips as many of the best tulbs of like character and form with the stock I cultivate as I require; and occasionally [as this year] I obtain a renewal of my stock from a single turnip. These are planted in a square or plot to themselves, in the midst of the general coop, taking care to have the intervals wide enough to prevent the intermingting of the policin. From this "best selected," I grow my own crop out of which my selection is again made