Rye .- This is a grain less valued than it de-Istated lengths to form their land into beds, as apserves, and the qualities are less known and ap- proved culture. A second, and even third weed-preciated than they ought to be. It does not com- ing and thinning is considered advantageous, as all pare with wheat, still there are circumstances, weeds and surplus turnips are good converting which as an object of culture, may give it the manure. Then draw and top your turnips, afterpreference.

cannot be raised.

uncommon to h: e two or three successive crops great and growing favourite in Europe, particuwithout manure, and the last crop as good as the liarly in Old Fugland, where many years ago it first. Can be sown in the fall, and it gives good was successfully introduced by Wm. Cobbett, pasture without material injury to the final crop.

equal surface than that of wheat.

is well adapted to our high northern latitudes.

Its use and value are well known and appreciated in various parts of the Continents of Europe In Germany it is regularly given and America. to the horses in shape of bread; also in Belgium and Holland. The grain chopped and its straw cut and mixed forms the common and every day food of the horse of Pennsylvania. Its culture an acre of Sweden 350 quintals, and even in may be in keeping with our remarks on the poor soils gives a crop. We saw half a pound of may be in keeping with our remarks on the potatoe crops preceding in a sandy soil. The plough-ing, harrowing and manuring, given to that crop, will give plants enough to fill an acre. Transing, harrowing and manuring, given to that crop, will give plants enough to fill an acre. Trans-will prepare for this. After harvesting the pota- planting is performed about the last of June. To toe crop, plough the ground, and sow and harrow set out and water five or six hundred feet in a day in the rye. Take especial care that the seed he is the task of one man or two women. One or carefully selected, and thoroughly washed in hot two hoeings augment the product much. lime-water, then dry the seed with gypsum, and harvest is made about the 1st November, and the Whenever the straw of rve becomes yel-50W. low and shining, cut promptly; observe to cut always early rather than an hour too late. This being done, time is given for ploughing and for and among the Greeks the gladiators were called next crop in succession.

Europe. There are of them eight species, and of sons, namely, Loafers. At an early period it was these many varieties, but those which obtain used by the Romans as food for man, and aftermost notice and approbation are the white in Eu- wards for cattle, and this obtained favour from the rope, and the yellow, or Ruta Baga, with us.

Two methods of cultivation are adopted, suited to the end in view; say, if for enriching the soil opinions have diffused, this grain above every by the turnips are then turned down by the plough; other being better adapted to different climes and or for securing them for stall food. This latter soils, more easily preserved and less subject to practice seems generally the favourite mode, as it is justly considered the most economical and satisfactory. In the first case the harrow is used some and invigorating beverages, called beer, instead of the plough in light porous soils. The ale, and porter. Finally, it is good for cattle, and produce for a the first case the harrow is used some and porter. seed is sown after the harrowing, and left to itself. on which the Arabians bring up the horse to its In the other case, the plough is used, and after it greatest perfection. There are two species most the harrow; a method generally performed, as the in request, say "Two-Row Barley," and "Naked return will give a good equivalent for all the extra Barley." The former is preferred in England. It labour. pounds to the acre, this will allow some for acci- the other varieties, and is much more productive dents, &c.; when the plants are all above ground than the latter species. The Northerns give the give them a light covering of ashes. Ashes which preference to it, and as they use this grain much assist the growth of the young plants and save as food and drink, ought to be considered good time, leeching on their leaves, protect them from judges. Barley is not so particular as to soil as the fly, &c. Soon afterwards it is a good practice either wheat or rye, still it prefers a loose, warm, to thin your plants by hand, and weed care- and moist soil (though not wet), and will thrive fully. Some recommend running the plough at well even in sand, in succession to turnips. All

wards stack, interspersing between each layer 1st; it will grow and produce well where wheat coarse hay or straw; should the season be open, it is a good practice to put on your turnip field sheep 2ndly: it endures much colder climate than to pick up anything left there, and even after wheat. 3rdly: It comes much sconer to maturity, and next the yellow or "*Ruta Baga.*" This is therefore exhausts the soil less. Indeed it is not usually cultivated and well known here, and a Esq. (Ilis works generally on agriculture, from 4thly: its produce is generally greater from an his personal experience, are well worthy of reference both in England and America). A Swedish These known facts render it particularly suita-ble to poor soils, to high and elevated lands, and "Its root is milder and more saccharine than that of the other species, particularly when boiled; its flesh is harder and more consistent, which better enables it to withstand frosts and to keep from one year to another. Its leaves extend horizontally, and may be stripped off from time to time as wanted for forage, without injuring the product of the root, which on a good soil gives on The Turnips are covered in ditches or dry cellars for winter's use."

Barley .- Of this we hear first of bread, or loaves, "Barley Eaters;" hence probably the modern Turnips .- Said to be natives of the north of descriptive name given to some questionable pergeneral belief among that energetic people, of its nutrition and invigorating qualities. The same Well, this done, sow your seed, say two is understood to possess all the good qualities of