

ONE acre of land well-manured, well-ploughed, harrowed, and rolled, if well tended afterwards, will produce more than three where these things have been omitted.

HOW TO ENLARGE VEGETABLES.—A vast increase of food may be obtained by managing judiciously, and systematically carrying out for a time the principle of increase. Take, for instance, a pea. Plant it in very rich ground, allow it to bear the first year say half a dozen pods only; remove all others, save the largest single pea of these. Sow it the next year, and retain of the produce three pods only. Sow the largest the following year, and retain one pod. Again select the largest, and the next year the sort will by this time have trebled its size and weight. Ever afterwards sow the largest seed, and by these means you will get peas, or anything else, of a bulk of which we, at present, have no conception.

FRUIT TREES of all kinds should be pruned as soon as the severe cold weather is over—early in April is a good time—unless the object be to induce fruitfulness by checking a too luxuriant growth, in which case it should be delayed until about the first of July. Pruning them gives a sudden check to the growth of the tree, and, by removing a portion of the leaves, also partially prevents the formation of new roots, thus favoring the formation of fruit buds. The more rapid the growth of the trees, the less tendency there is to the formation of fruit buds, but whatever retards growth and consequently obstructs the circulation of sap favors that object. It is not, of course, desirable to induce fruitfulness until the trees attain a respectable size, and hence young trees should always be trained and cultivated in such a manner as to induce a vigorous growth.

There is always a period of comparative leisure with farmers at the season of the year when roads are bad, and before the time arrives for commencing the "spring's work," which is just the time to attend to the above suggestion. R. E. W.

A GOOD CUSTOM.—A Spanish peasant, when he eats a good apple, pear, peach, or any other fruit, in a forest, or by the roadside, plants the seed; and, hence it is, that the woods and roadsides of Spain have more fruit in and along them than those of any other country. Cannot we do the same?

"SCIENTIFIC FARMING," is the ascertaining of what substances the plants you wish to raise are made—which of these substances are wanting in your land—and what manures will supply them.

STRENGTH OF HORSES.—By calculations as to the mean strength of animals, it appears that a horse, drawing horizontally, and at the rate of two and a half miles an hour, can work for eight hours in succession against a resistance of 200 pounds. If that pace be quadrupled, he finds an eighth part of the time sufficient. Thus we can pretty nearly measure a horse's power in harness.—Walker.

TO FATTEN POULTRY.—Coop up your poultry, and feed them well with corn, or dough of Indian meal and boiled potatoes, for ten days; after this time they will not improve.