BONES FOR TREES.—Bones are always accumulating in villages and about the country residences which might be put to better use than to encumber the streets, or to admit a disagreeable odor from under the fences.—There is nothing like decaying bones for all sorts of fruit trees. They are perhaps best for pear trees, next for apples, and then for quinces; but are good for any kind of fruit unless it is cranberries, which seem to live and grow on little but water. The true way would be to make the bones into superphosphate of lime by grinding, and then adding half their weight of sulphuric acid, to be applied in small doses every year. But as there are not bone mills everywhere, and as the making of superphosphate is a trade, which could hardly be recommended to cultivators to learn, the next best thing is to be done is to break them up into inch pieces, and mix them with the soil in which trees are transplanted. From half a peck to a peck for dwarf trees and two or three pecks for trees designed for standards, is enough. The action will be slow, but very lasting, continuing through the life of an ordinary tree. Bones are richly worth saving for this purpose; and at the small price at which they can be had in most country places, they can be bought to advantage. They render a tree vigorous and healthy, and greatly improve its fruit. It is not a bad plan to dig the soil about the trees.

HOW DOES YOUR FARM PAY.—A very important question this, which every farmer should be able to answer with a good degree of definiteness. It is not enough to know that one is getting along in a general way, without knowing what part of the farm is profitable, and what is not. It is possible to know how much profit there is in raising and fattening a steer, how much in a field of corn or wheat, how much in the annual produce of the whole farm.

A good way to do this, is to keep an account with the farm from the beginning to the end of the year. Under the head of debits, put down the interest on the value of the farm, the money paid out for the new buildings, fences drains, for manures bought, for implements, seeds, live stock, hired labor, taxes, etc., in short, all the necessary expenses of carrying on the farm for one year. Then, on the credit side, put down all that the farm produces for home consumption and for market, and that is added to its real value in the way of improvements. If it supports a family comfortably, besides furnishing something to be expended in improvements, it is undoubtedly paying well. And if besides this general profit, each crop and each animal raised, affords a clear and known profit, the farmer is doing well, and he knows how it comes to pass.

LIMA BEANS.—We see that some of our brethren of the press are recommending the pinching off of Lima beans when six feet high instead of permitting the vines to run around poles of fifteen feet. This is an English practice, which was first suggested by ourselves, which seems to be forgotten by those who then repudiated and now adopt it. Such treatment causes the vine to grow to a much larger size, throwing out side-shoots with a much larger crop of fine fruit, and to perfect the beans before frost, instead of continuing to bear indefinately and to perfect but few. This is an excellent crop when so managed and always profitable. It only requires full fertilization and thorough disintegration of the soil to raise a pint or more of Lima beans per pole, and when such a crop sold at ten dollars per bushel in the dry state, the yield will equal $400 or more per acre in value.

NETTING HOGS.—The "Kentucky Rule" for ascertaining the net weight of hog when the gross weight is given, is as follows: For the first 100 lbs. deduct 25 lbs. for gross; for the second 100 lbs. deduct 12½ lbs; and for the third 100 lbs. deduct 6¼. All over the third is net.

Thus, a hog weighing 100 lbs. gross will net 75 pounds; one weighing 150 pounds will net 118¾lbs.; one weighing 200 lbs. will net 162½ lbs.; one weighing 250 lbs. will net 200¾ lbs.; one weighing 300 lbs. will net 256¼ lbs. We condense this direction from the Illinois Farmer.


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*Letter from the Hon.* HAMILTON FISH, *former Governor of New York.* "Washington, February 9th, 1858. Dr. S. S. Fitch, Dear Sir: I beg to return my thanks for the volume you have been so kind as to present to me. The very hurried examination which alone I have been able as yet to give it, has excited interest and brought conviction that the reputation which these Lectures have achieved is based upon intrinsic merit.

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SAYS ERNEST WARREN, Esq., of Waterloo, N. Y. "My brother and most of his family are dead of consumption, but I and mine are living and well; and I think it is owing much to the teachings of your book which I have followed carefully for the last nine years."

We could fill columns with similar statements.

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