

winding along the banks of the Hudson, up the dales, and around the numerous fish ponds, which beautify the lawns and grounds in the vicinity of the residence.

Mr. Pell has given more attention to the artificial propagation of fish than any other person perhaps in this country. In some of the ponds, where different varieties have found a common home, it was amusing to witness the calling of them to the shore by signal, and while, thousands, literally, of young shad would throng the hand holding a piece of bread, a pickerel of one or two pounds in weight would flounder in the midst of them; filling their ample mouths with a portion of the young fish, and for the moment dispersing the entire fry. The Tench and Barbel, two new varieties of fish, have recently been imported, and are already rapidly multiplying in one of these ponds. The ponds were formed by excavating peat which was here found many feet in depth. The supplies which feed the ponds come from the drains immediately about them, which have changed what was once a shaking quagmire, into some of the most productive meadow land on the farm.

Strawberries, raspberries and grapes are here raised for market. The varieties of the first two are grown chiefly from seedlings produced on the farm. Of the strawberry we could not judge, as it was out of season. The raspberry is red, and has a resemblance to the Antwerp, but with distinct and valuable peculiarities of its own. It will continue to furnish its fruit ten days or two weeks later in the season than the old varieties. It is a much firmer berry than the Antwerp, and will bear transportation better than any other berry.

The vineyard was in excellent condition, consisting of the Isabella and Catawba vines with fruit better advanced than we had seen in the vicinity of the city. The garden was in advance of anything we had seen elsewhere this season. The melons were forward and extraordinary. Order and neatness reign everywhere.

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### HOW TO USE GUANO.

The London Mark Lane *Express* says:—

First—Never mix guano with anything; all lime, compost, ashes, and similar expedients, too often contain caustic alkali to drive off the ammonical parts before the soil can surround and absorb them.

Second—Mix it as much as possible with the soil, not too deeply, but plough it in after sowing it broadcast.

Third—If it be applied as a top-dressing—which is rarely advisable—always apply it, if possible, before rain, or when snow is on the ground; and if on arable land, harrow, hoe or scuffle immediately after the operation.

Fourth—For speedy and powerful operation, apply on limited surface dissolved in water.

Fifth—If sowed with drilled grain, or, indeed, with any seed whatever, it should never come in contact.

Lastly—Be sure to get, if possible, *the genuine article*, and use per acre, from two to three hundred pounds!

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### SORGHUM, AND MAPLE SUGAR, OR MOLASSES.

We have no doubt about the economy of making molasses instead of sugar by all who grow sorghum, or have maple orchards convenient to large towns, which