

all other crops, the land should be well under-drained, either naturally or artificially. The land may be plowed in the fall and again in the spring, and made clean and mellow before planting; or a clover sod may be turned over, and the beans planted at once. The common "white medium" is generally considered the most productive variety, but the White Mountain or Marrow yields nearly or quite as well, and brings a better price. It is a little larger, rounder, plumper and handsomer, and is gaining in popular esteem.

They may be planted in hills 2½ feet apart, and 15 to 18 inches apart in the rows, dropping five to six beans in each hill; or they may be drilled in with a machine, in rows 2½ feet apart, and a single bean 2 inches apart in the rows. The latter, perhaps gives the larger crop, but the former requires less labour in hoeing, etc. In this section they are usually planted the first week in June.—*Genesee Farmer.*

Benefit of Hogs among Fruit Trees.

The principal object I had in buying the farm I now live, on was the fine orchards of fruit. They were then in a very thrifty condition, loaded year after year, with large crops of fruit; but when we came to picking and packing, we were obliged to throw out large portions of them on account of the worm holes and curculio stings with which they were more or less affected, rendering them unsaleable and fit only for cider.

The lower orchard, (the orchards are divided by a public highway,) I have for several years past used as a hog pasture, with very satisfactory results. The apples which were heretofore wormy and knotty, are now as fair, smooth, and free from blemish, as one would wish to see. I allow my hogs and pigs, (the more the better,) free access to the orchards the year round, except a few days in October, while gathering and packing the apples. It is seldom apples fall before they are ripe unless something ails them, and that *something* is usually an apple worm or a curculio, and as the pigs are not very particular about their diet, all goes down with a relish, thereby destroying millions of troublesome insects which could not otherwise be got rid of.

The hogs kept the orchard thoroughly plowed and manured without any assistance from me; kept down the grass and weeds, rendering the orchard much thrifter than could be done with broadcast cultivation, as the hogs do not disturb the roots, but a plow would, besides the inconvenience of working among trees, where you are liable to do more harm than good.

My upper orchard I am obliged to mow, and one would be astonished at the comparative quantity and quality of the fruit in the two orchards. The difference in quantity is as six to one, and the quality 100 per cent.

The pear and cherry trees enclosed in the orchard in which the hogs run, are loaded every year with crops of fruit which would make an amateur's mouth water—while on trees of the same varieties just across the road can only be found knotty, wormy, unpalatable specimens. Now I can no more afford to be without hogs in my orchard, than I can afford to be without fruit; for without one I should be almost certain to be deprived of the other, and by adopting this course I seldom fail of having a good crop, and never fail of finding a ready sale at remunerative prices, even when there is a large crop.

If any of the readers of your excellent journal are skeptical on this point, let them try it for a term of years, and I believe their skepticism will vanish with the increase in their crops.

Oswego, N. Y.—*Country Gentleman.*

J. P.

Agricultural Intelligence.

Spring and Summer Horticultural and other Shows.

Hamilton Horticultural Society, 1st Show May 24.

Niagara Electoral Division Society, at Niagara June 27th.

Kingston Electoral Division Society, Horticultural Show, at Kingston, July 2nd.

Provincial and State Shows, 1862.

Upper Canada, at Toronto, September 22—26th.

Lower Canada, at Sherbrooke, 17th, 18th, 19th September.

New York State, at Rochester, September 30 to October 3rd.

Illinois State, at Peoria, Sept. 29 to Oct.

STOCK FOR CANADA.—The *Helen Douglas* of Annan, Capt. Maxwell, sailed from Aberdeen Water-foot for Quebec, on Monday last, and on board the following stock, which has been purchased in this country by Mr. Simon Beattie of Markham, C. W., a native of this place: entire thorough-bred horse, called Young Bird-catcher, late The Heir, by Grey Plover, of Irish Bird-catcher—dam by Caronns, one Repatee; two Short-Horn heifers, and two calves, purchased from a good stock near Mahagow; 40 Leicester and Lincolnshire sheep selected from one of the best flocks in Lincolnshire; two sows and one boar from Yorkshire and poultry, dogs, &c. The horse was chased by Mr. Beattie in Ireland.—*London (Scotland) Observer.*