

almost extinct in the county. How? By the fearful spread and ravages of "black-knot" in every part of this whole country.

English, Russian and other sorts have been tried, but to no satisfaction or practical results. This is to be much regretted.

The plum crop in the county wherever the trees were properly cared for and healthy was good, and the fruit was very fine indeed, but this condition was very scarce and hard to be found. But we have not yet given up all hope in plum raising, and many of our people are seen now planting out largely wherever good and favorable places are found and can be procured, and some are planting the Western sorts. The ever popular Lombard is now mostly relied upon with the Green Gages, but besides these not many others.

Not many quinces are grown, but the sample this season was extra fine indeed. As, however, people in general do not know their proper place in our economies not many are called for. The Orange quince is about the only sort.

No improved nuts are attempted. Our reliance being solely upon the products of our forests, and this year not many of these.

Pears were a most disappointing and abundant crop as not many were expected early in the season. But on account of the early blight many of them, especially Flemish Beauty and Seckel, were malformed and disfigured by an unnaturally russetty skin that they were scarcely recognizable and almost worthless. Some sorts on the contrary were very fair and even good, as mostly Clapp's Favorite and Bartlett. Other sorts used are Onondaga, Louise, Howell and Angouleme and some others.

The apple crop was small and sample ill-formed. It was one of the most despicable apple crops ever had in the county, and of the least value. The cause of this was the fungus blight falling early. The sorts used include almost everything on the lists, but for real valuable continued satisfaction and results nothing has yet superseded the old standard sorts, viz, Baldwin, Rhode Island Greening, Northern Spy, Ben Davis, and King of Tompkins.

The grape is a fruit in which we are deeply interested. The crop this year was one of the finest and most beautiful ever seen in the county. The sample was fine, the berry and bunch large and good and the ripening perfect, while the quality was all that could be desired. This fruit is receiving increasing attention and is really very popular, and it returns well for all labor, time and skill bestowed upon it. Concord is popular everywhere and everybody knows it. The other sorts used are Hartford, Moore's Early, Worden, Pocklington, Niagara, Prentiss, Brighton, Delaware, Salem, Wilder, Agawam, Lady, Jessica, Champion, Herbert, Iona and others.

I would like to add a word in conclusion that will bear upon this whole question of successful fruit production in this county. I am becoming more and more thoroughly convinced that amid our climatic conditions and our soil adaptedness we must resort to practical artificial means for protection, and that protection must come to us as fruit growers in the form of fine spray containing a solution of some arsenic compound held and finely applied entirely over the mass of our fruit trees and bushes and even our vineyards as well. This is felt to be a very unfortunate conclusion that we deeply regret, but it is a result that is becoming more and more apparent, and to ensure safety and satisfaction is a necessity, as our climate is changing rapidly, more and more to the severe. Whatever troubles after generations may have in this matter we do not at present know, but we are sufficiently alive to our own troubles and we can think of nothing by which we can defend ourselves but something in this line.

LETTUCE GROWING UNDER GLASS.

It may be news to many that the conditions are so unlike in the east and west that the business of forcing vegetables in greenhouses, although quite profitable in the first named section, has not been found to pay in the latter.

The large cities of the east afford a better market than western states, and southern competition is more keenly felt in the latter. Near large eastern cities head lettuce is

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