

ing effect to destroy the codlin worm. If that be the case, the Paris green can be omitted altogether. In the last two or three applications he would add the ammonia to the copper and soda as prescribed in the formula given in my paper. (See report 1890). He further says that if this copper mixture is applied early enough and occasionally repeated, it will prevent both mildews of the grape. With reference to the curculio he says, "From what I have seen of the use of hellebore I consider it fully as effectual" as the arsenites.

POINTS IN PEACH GROWING IN THE NIAGARA DISTRICT.

The Secretary, Mr. L. Woolverton, of Grimsby, read the following paper on this subject:

After the good success which has been the fortune of peach growers in this immediate neighborhood of late and the failures which have been our lot in other sections of the Niagara peninsula, it ill becomes a Grimsby man to come here to speak upon this subject. I will not inflict upon you a lengthy paper but only mention a few points which may lead on to a discussion of this subject.

After some twenty years of experience in peach growing, during which time the failures far outnumber the successes, I am still of the opinion that it pays us in this region to grow peaches for profit. Even if we only get one good crop in five years, and that is no worse than our luck sometimes has been, the peach is still worthy of a place on our fruit farms. A good yield will sometimes pay the owner as much as \$200 per acre, and this gives an average of \$40 per acre for five years, supposing he is that unfortunate, while at the same time he is supported by the chance of better things.

Careful attention to a few points will go a good way toward making peach growing profitable. One is, of course a wise selection of varieties. Our president recommended, at our last winter meeting, the following as his choice of six for profit: Alexander, Early Rivers, Hales, Crawford's Early, Wager, Bowslaugh's Late. These are excellent; but I am becoming more and more discouraged with the Early Crawford. This season, for instance, when I have a fair show of others in the orchard there are no Crawfords. Last year it was the same, and indeed this so often happens that it has become almost the rule. Now when we get this peach it is so fine that we feel as if we wanted to grow no other, but we do not get it and we must choose between no fruit or fruit of a less desirable quality. Our American friends, at the last meeting of the N. Y. State Horticultural Society, stated that two varieties lately tested by them had been found to be reliable bearers, viz.: Hynes' Surprise, and Horton Rivers. The latter is a seedling of the Early Rivers and possesses many of the excellencies of that very desirable variety. We have also some seedlings of Canadian origin which seem to promise well; as, for instance, one originating at Chatham, with a Mr. Scott, one at St. Catharines with our president, and the one mentioned above, which originated at Grimsby with Mr. Bowslaugh.

I have tried many other kinds besides the above mentioned but nearly all have some fault. I will mention among them the following, viz.: Early Purple, Early York, Royal George, Sweet Water, Honest John, Early Barnard, Early Beatrice, Early Louise, Oldmixon, Jacques Rareripe, Late Crawford, Morris White, Lemon Cling and Smock.

In addition to these, I have now under testing, among others, the following: Troth's Early, Christiana, Salway, Steven's Rareripe, Wheatland, Willet's, Conkling, Cooledge's Favorite, Foster, Hill's Chili, Lord Palmerston, May's Choice, Mountain Rose, Richmond, Salway, Schumaker, Pineapple, Globe and Centennial.

While I hope that of these latter I may find some of sufficient value to be placed on a list of the six best kinds when I report next to you, I am loth to leave out one or two in the former list, as e.g. the Oldmixon, one of the grandest old varieties, both in quality and appearance that I have cultivated; but it is tender, and worse than all it seems to be peculiarly subject to the yellows. The Smock, too, is a variety that I have highly valued as a late variety, but I believe its place will be better supplied by the Steven's Rareripe.

Another very important point in peach growing is the selection of a suitable site

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