

A COMMERCIAL APPLE ORCHARD.

I AM going to plant out two acres in apple trees for commercial purposes. I had decided on Astrachan and Duchess for early, and Wealthy for fall, and King or Baldwin for winter. Would you recommend my choice for winter apples, and would it be variety enough for this quantity, or could you recommend any change (excepting Ben Davis and Spy)? I want apples of good quality and appearance.

Is King and King of Tompkins the same? I have been told by agents that they are distinct and different. If so, which is best, and can it be got from any of our nurserymen? An answer through your paper would oblige.

C. H. DAVIS, East Toronto.

We would advise planting lightly of summer apples for commercial purposes. There is little or no sale for them in our home markets, and the export in cold storage is so expensive, that there is very little profit in them. The Duchess is preferable to the Astrachan, because it averages larger in size and carries better. The Yellow Transparent is good because it can be sold earlier than either, and is very productive.

We would, on the whole, prefer Gravenstein to Wealthy, as a fall apple for profit, especially in the southern part of the province, because of its excellent quality, almost equal beauty, and it does not drop so badly. In the northern parts, of course, Wealthy is best.

There is another apple that probably excels either as an export apple, and that is Blenheim Orange. It is a fairly good bearer and a little later, so that on the whole it is a better shipper than either. Blenheims, exported this fall, have brought as high a price as Kings.

We would not advise planting largely of either Kings or Spy for profit, although when once you have the fruit, you have the most valuable varieties in our whole list. The King, however, is so unproductive that it is unprofitable, and the Spy is so long coming into bearing that you may count on at least fifteen years of waiting before it

will begin to yield paying crops. The Baldwin and the Ontario are good and productive, and consequently profitable, while a small proportion of Ben Davis will always bring good money.

The only King apple known in Ontario is the King of Tompkins Co., so that the latter designation may as well be omitted.

APPLE POMACE FOR COWS.

THE experience of four years with apple pomace silage at the Vermont station, using over twenty cows, is a unit in affirming the nearly equivalent—if not, indeed, quite equivalent—feeding values of apple pomace and corn silage. No undesirable results whatsoever have followed its use. Cows continuously and heartily fed have not shrunk, but on the contrary have held up their milk flows remarkably well. Neither does the milk nor the butter seem injured in any respect. A satisfactory ration used by station has been hay, silage (one-third corn silage and two-thirds apple pomace silage by weight) and from 4 to 8 pounds grain, the latter varying according to age, stage of lactation, etc. Fifteen pounds of pomace per cow has been fed daily with entire satisfaction. Inasmuch, however, as reports of severe shrinkage occurring coincident with the use of apple pomace are current, care and watchfulness are advised in feeding it at the outset.

Apple pomace needs no special care in ensiling. If leveled from time to time as put into the silo and left to itself uncovered and unweighed it does well.

It is trusted that this article may be of some service in calling the attention of dairymen to a waste product of much food value which, in this season of partial failure of the corn crop, ought to be utilized. Let not a pound of apple pomace go to waste this fall behind the cider mill.