

fruit to some extent," said Mr. Mahony. "because the strip of country under the mountain where I live is well adapted for it.

I am satisfied there is a bright prospect for vegetable growers and that they are going to make money out of their business."

## SOME EXPERIMENTS WITH TOMATOES

**D**URING each season comparative trials have been made at the Vermont Agricultural Experiment Station to determine the relative productiveness of different varieties of tomatoes grown under identical conditions. The first season's work included 78 plants of Sutton's Best of All and 74 of New Stone. During 1903-04 48 plants of each of these two varieties were grown. In addition to these, 11 plants of Lorillard and eight of Sutton's Best of All were grown on the side bench for comparison. Taken as a whole the trial, the results of which have just been made known, indicates little difference in productiveness between Sutton's Best of All and New Stone, with the advantage slightly in favor of the latter. In the case of Lorillard and Sutton's Best of All the results of one season's trial are decidedly in favor of the former.

As to earliness the average number and weight of large and small ripe fruit produced by the Sutton and New Stone plants during the first year did not vary materially. A comparison by months shows that in March, during the latter portion of which some ripe fruit was picked, Sutton's Best of All gave the better yields of both large and small fruits. The increase in large fruits was small, about three per cent., while that in the total product was 7 per cent. During April the yield of large fruits from New Stone exceeded that of Sutton's Best of All by 15 per cent., and in total yield by nearly 13 per cent.

In one season's trial Lorillard proved superior in every respect to Sutton's Best of All. Lorillard is apparently the earliest and most prolific for forcing purposes of the three varieties tested.

## A MARKET GARDENER'S EXPERIENCE

**"I** HAVE seven acres under market garden and orchard," said Mr. G. Nicholson, of Toronto, to a representative of *The Canadian Horticulturist*. "I raise all kinds of vegetables and dispose of most of my product to peddlers.

"Vegetables are grown in the orchard. Where the trees are close spinach does well. I had 4,000 cauliflower last year, which did well and headed up finely. I make them white by tying up. My tomatoes rotted badly. A considerable quantity of early potatoes are raised, for which I obtain as high as \$1.70 a bushel. They are started in hotbeds and transplanted when the sprouts are about two inches high. Last year I lost a portion of the crop by the potato bug. A neighbor lost five acres. Paris

green kills the tender plants.

"Club root did considerable damage to my cabbages. When the head has formed, and before it gets hard club root forms and the plant dies. I have not found a remedy. Salt or lime is said to be good, but I have not tried them.

"In the orchard apples, pears and cherries are grown. There are very few early apples, mine being principally winter varieties. Spys are not worth growing. They command a good price, but the trees are small producers. Greenings are the most satisfactory. I do not spray, as I find cultivation gives as satisfactory results. Some people complain of worms in their cherries, but they have never injured mine."