

flourish on a clay soil, but that vegetation on clay soils suffers more in a time of drought than on lighter soils, and is therefore rendered less able to resist the severity of our winters; in other cases the wet bottom may be fatal, as I should suppose is the case in Glengarry.

A few words before I close about the climate of Barrie, which I have no doubt some of my readers have been in the habit of looking upon as located somewhere in the neighborhood of the north pole, and possessing a climate something like that of Ottawa or Quebec. I have seen the idea thrown out somewhere that Stratford was or might become a great fruit growing centre, but I suppose who ever said so would never have dreamt of Barrie as being worthy for one moment to be compared with it in that connection. If so, allow me to state a few facts for that individual's information, and he will perhaps be "surprised to learn" that Barrie really possesses a more favorable climate for fruit growing than Stratford, although fully one degree nearer the north pole. I have not all the statistics at hand to establish this point fully, but perhaps I have enough for my purpose. In the first place, I have three numbers only of the *Canada Farmer* for 1868, July, August, and September, in which the mean temperature of nine towns in the Dominion is given for those months, as taken from the year book of British North America. And the mean temperature for the three months is,

Barrie,	-	-	-	61° 50'
Stratford,	-	-	-	59° 79'

In July Barrie is ahead of Toronto.

Barrie,	-	-	-	71° 38'
Toronto,	-	-	-	70° 40'
Stratford,	-	-	-	66° 64'

In an article from the pen of A. Macallum, M.A., of Hamilton, which appears in the Report for 1872, a table of the mean temperature of ten different towns in Ontario is given for one year—spring of 1869 to spring of 1870—and here again Barrie takes the lead of Toronto.

Barrie,	-	-	-	44° 03'
Toronto,	-	-	-	43° 07'
Stratford,	-	-	-	42° 07'

It may not be difficult to account for the difference in favor of Barrie as compared with Stratford, when it is remembered that the latter is 1182 feet above the sea level, while the former is only 779; but I