

Newmarket to discuss the question of the distribution of sugar beet seed at that point. A meeting was called upon May 9th, at which some 45 farmers asked for seed, all of whom received it. Early in June all three experimental stations were inspected, to see that the directions for cultivation and thinning were strictly observed. An inspection was again made during the latter part of August, when all plots of beets were scored, average rows from which samples for analysis are being taken were staked, and measurements were made from which tonnage will be estimated.

Upon the whole the farmers in these three experimental sections have shown more than average enthusiasm and have given close attention to the directions of cultivation, with the result that a great majority of the plots will yield a fair average tonnage of beets of high quality.

To secure a paying quality of sugar beets it is highly important that they reach about the time of pulling a fairly complete degree of maturity. To secure this it is necessary not only to plant early but to plant closely. If the drills are too far apart, and the beets too widely distanced in the rows, growth continues more or less through the month of September and the early part of October, resulting in large beets of rather poor quality.

Upon September 20th the first samples were pulled from every plot about Aylmer and Welland, and upon the 25th from the plots about Newmarket, by some 14 men appointed for the purpose.

All collectors start early in the morning, making their rounds by night, when all lots of samples are packed in separate boxes and expressed to the Ontario Agricultural College. Upon the one day, Sept. 20, the entire number of samples grown at the points Aylmer and Welland were collected, received at the College on the following day, and immediately analyzed. The samples arrived in a perfectly fresh condition, and gave tests indicating high quality. The Newmarket beets were collected upon the 25th of September, and were received at the College the following day, when they were also analyzed. These tested remarkably high.

Two weeks later, upon Oct. 4 samples were again collected from the plots about Aylmer and Welland, expressed to the College and analyzed as in the first instance.