Yield Trials of Lima Beans For Freezing Qualities and Growing Area Extension Possibilities

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The rapid increase in lima beans acreage, the introduction of new varieties, as well as the rapid growth of lima bean production in California has resulted in a much increased demand for some lima bean trials in 1946. A few of these trials are presented in this report to determine the yield potential of the small scale operations. It was desired to determine the new varieties to do which will yield the highest potential for freezing and canning. In order to obtain this information for this subject, freezing experiments were conducted in four counties: Alameda, Santa Clara, and Yolo districts. Three treatments were being used: no pruning, removing the tops, and removing the beans in hand. The results are presented in the following table.

<table>
<thead>
<tr>
<th>Location of Plots</th>
<th>Varieties Tested</th>
<th>Average Yield (grams)</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yolo County</td>
<td>3 varieties</td>
<td>4,025</td>
<td>Beans were harvested on July 15th and grown on September 24th, 1946. Some varieties were harvested a day or two too late. The beans were all hand-harvested, with the dryer and better beans and white beans discarded.</td>
</tr>
<tr>
<td>Santa Clara County</td>
<td>3 varieties</td>
<td>4,915</td>
<td>Beans were grown north of the city of Santa Clara. The large seeded types were planted July 1st and harvested on September 24th, 1946. These beans were also hand-harvested, with the dryer and better beans and white beans discarded.</td>
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<td>Yolo County</td>
<td>3 varieties</td>
<td>3,895</td>
<td>Beans were grown north of the city of Yolo. These beans were also hand-harvested, with the dryer and better beans and white beans discarded.</td>
</tr>
</tbody>
</table>

The yield trials of lima beans were planted in single rows 30 inches apart and spaced 26 inches apart. Each plot contained 10 rows, each 20 feet long. Each plot was harvested by hand and all the beans were hand-harvested, with the dryer and better beans and white beans discarded. The beans were grown north of the city of Yolo. The large seeded types were planted July 1st and harvested on September 24th, 1946. These beans were also hand-harvested, with the dryer and better beans and white beans discarded. The beans were grown north of the city of Santa Clara. The large seeded types were planted July 1st and harvested on September 24th, 1946. These beans were also hand-harvested, with the dryer and better beans and white beans discarded. The beans were grown north of the city of Yolo. The large seeded types were planted July 1st and harvested on September 24th, 1946. These beans were also hand-harvested, with the dryer and better beans and white beans discarded.

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