THE INFLUENCE OF THE IRRIGATION ON THE TOMATOES PRODUCTION, CULTIVATED IN SOLARIUM AND DRIPPING IRRIGATED

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SUMMARY

The paper presents the results regarding the influence of the irrigation levels on the tomatoes production. Variant at the minimum humidity irrigation level of 70 % from AHI was taken as a witness.

Table 1

<table>
<thead>
<tr>
<th>Irrigation level</th>
<th>Medium production (t/ha)</th>
<th>Relative production (%)</th>
<th>+ d (t/ha)</th>
<th>Signification of the difference</th>
</tr>
</thead>
<tbody>
<tr>
<td>50%AHI</td>
<td>67.69</td>
<td>100.0</td>
<td>-</td>
<td>Mt.</td>
</tr>
<tr>
<td>70%AHI</td>
<td>62.60</td>
<td>92.5</td>
<td>-5.09</td>
<td>ooo</td>
</tr>
<tr>
<td>90%AHI</td>
<td>65.43</td>
<td>96.7</td>
<td>-2.26</td>
<td>ooo</td>
</tr>
</tbody>
</table>

The minimum irrigation levels at 50 % (62.60 t/ha) and at 90% (65.43 t/ha) from A.H.I. have a very negative significant influence on the tomatoes production, comparing with the witness (67.69 t/ha). These results are graphical represent in next figure.

REFERENCE