THE PLANTATION PERIOD CORRELATION WITH DENSITY AND NUMBER OF INFLORESCENCE ON PLANT AT TOMATOES CROP IN PROTECTED AREAS

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SUMMARY

The extension of this paper about the tomatoes culture tehnologie in the protected areas represents a challenge for the young researches but for the old ownes also to find the right tomatoes hibrids, which will exploit best the protected conditions, and will give qualitative and constantly productions. In order to recommend the most productive tomatoes hibrid with the highest quality and who turn to the best the irrigation water, we carried out experiences concerning the tomatoes crop technology and its water consumption on the protected areas.

A new discovery demonstrate that the crop establishment can be realized, correlating the plantation period with density and number of inflorescence on plant. These dates are presented in table 1.

<table>
<thead>
<tr>
<th>Crop in:</th>
<th>Plantation period</th>
<th>Density plants/m²</th>
<th>Number of inflorescence on plant</th>
<th>Ingathering period</th>
<th>Harvest kg/m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Greenhouses</td>
<td>1.01-15.02</td>
<td>3-4</td>
<td>10......12</td>
<td>30......48</td>
<td>IV - VIII</td>
</tr>
<tr>
<td>Solariums</td>
<td>15.03-15.04</td>
<td>4-6</td>
<td>3.......5</td>
<td>16.......36</td>
<td>VI - VIII</td>
</tr>
</tbody>
</table>

Exist dates regarding the crop tomatoes establishment in greenhouse and crop existence durance in soil, taking account of chosen crop cycle.

Indifferent of applied crop technology and chosen protected space, the principal difficulty and the most frequently is the medium factors: light, water, humidity and temperature.

BIBLIOGRAPHY