

The requirement of growing tomatoes in the greenhouse

*Made by Ergeshev K. Aman N.
Koshikbaeva A. Ablataev D.*



Tomato - a leading vegetable crop. Most of the plants grown in the extended back, t. E. Without a transplant within 10-11 months.

Modern requirements for tomato hybrids:

-High-yielding and early maturing;

-genetic resistance to diseases, pests,

-High quality fruit. Aligned fruit shape, color, good transportability and lëzhkost in the process of implementation;

- Short internodes, frequent location of inflorescence short with 5-7 fruits, nezalamyvayuschiesya inflorescence;

- Generative type of indterminantnyh hybrids for the prolonged culture.

Scheme planting plan

<i>Vegetation period</i>	<i>When planting in December - January</i>	<i>When planting in July</i>
<i>Sowing - flowering</i>	<i>10 weeks</i>	<i>5 weeks</i>
<i>Flowering - the first crop</i>	<i>8 - 10 weeks</i>	<i>6 - 8 weeks</i>

GREENHOUSE CLIMATE

- *Dosage CO₂. Scientific studies have proved that the CO₂ supply in order to maintain the level of CO₂ in the greenhouse at approximately the same level as the street (0.034% -340 ppm) - it is always a cost-effective*

- *Depending on the lighting conditions and ventilation raise CO₂ levels to 0,8-0,1% - 800-1000 ppm. Higher levels increases productivity, but it is not economical. Also, the risk of damage to the plants.*



The temperature level. The creation of the difference between day and night temperatures can also manipulate plant growth.

Vegetable growers should respond to plant response with respect to the set temperature. In cloudy or sunny weather, the temperature must be adjusted relative to the light level. While maintaining the temperature is too high in cloudy weather the plant to become very thin.

Plant Care

Regular work with plants is very important for optimum yield. Depending on the varieties of tomatoes, there may be cases when the plants become too generative (apex weak, poor root development). This should be avoided, as the full vegetative growth is necessary to ensure a good harvest in the summer and autumn.





If the plants are characterized by excessive generative development, the following measures can be taken:

- Temperature: day and night are the same t° . At low night temperatures delayed maturation and ripening of fruits is increasing;*
- EU nutrient solution and plates can be reduced to the level of 2,4-2,5- 3.0 mS / cm; CO₂ levels high levels stimulate generative growth;*
- Climate: The climate of the greenhouse adjust according to the weather changes;*
- Nipping brushes: via pinching can manipulate the size of the fruit and in bulk - a vegetative action.*



CONCLUSION

To grow tomatoes in greenhouses more efficiently than in the open field. If spend all requirements in an optimum level can get high quality product. Because it can provide people a fresh crop of the year, so we can solve the problem of shortage of vegetables in the human diet. We think this is the main work of agronomists – growers.





THANK YOU
for your
ATTENTION!