# The requirement of growing tomatoes in the greenhouse

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



#### 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.

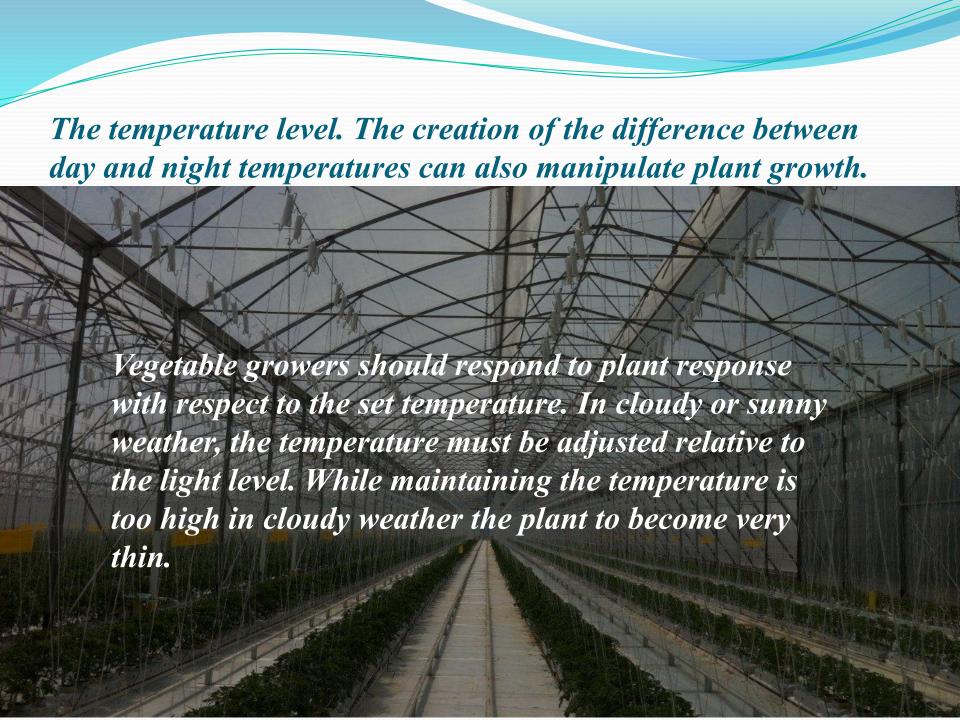
### Scheme planting plan

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



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.



#### Plant Care

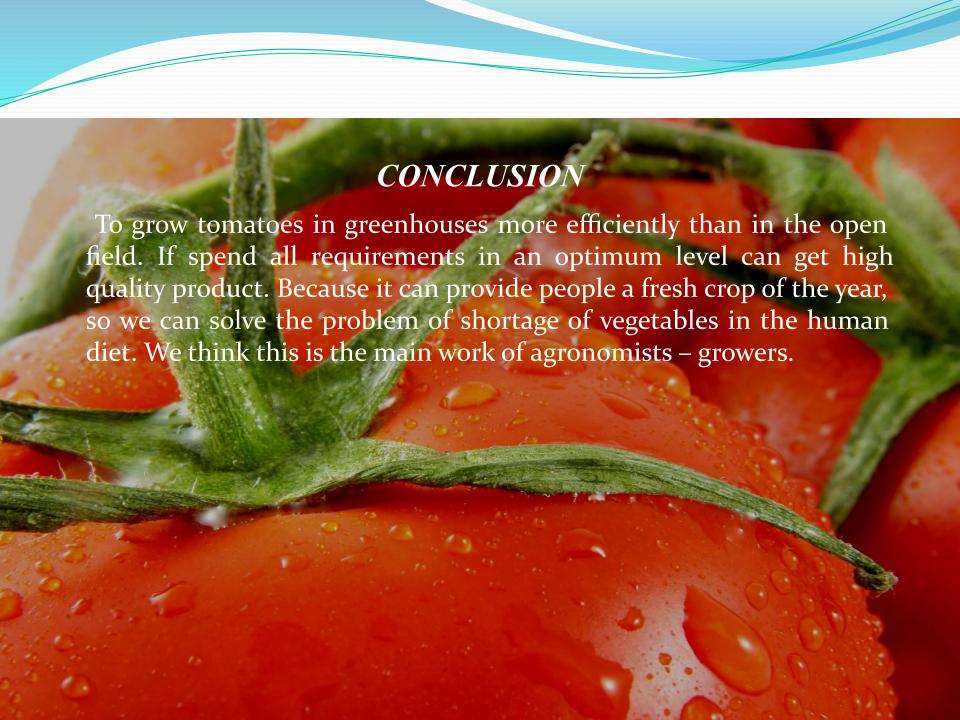
Regular work with plants is very important for optimum yield. Depending on the varieties of tomatoes, there may be cases when the plants become too generative (apex weak, poor root development). This should be avoided, as the full vegetative growth is necessary to ensure a good harvest in the summer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





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

- Temperature: day and night are the same to. 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.







# THANK YOU for your ATTENTION!