

## CONSIDERATIONS REGARDING TOMATOES PLANTATION TECHNOLOGY 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 owns 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, solariums and green-houses.

Establishment of tomatoes crop period, in solariums, in accordance with crop cycle, are presented in table 1:

Technical dates regarding legumes crop establishment in tunnel solariums

Table 1

Solarium tip	Crop	Establishment period	Seedling necessary X 1000 wires/ha	Rows number	Distance (cm)		Density plants/ha
					Between rows	Between plants	
Tunnel solarium	Short cycle tomatoes	20.III - 5.IV	68	8	70	24	62.000
	Long cycle tomatoes	20.III - 5.IV	54	6	130 + 70	22	50.000

Establishment of tomatoes crop is the most important work, because this moment coincide with founding the future crop.

The plantation distance scheme for tomatoes

Table 2

Crop cycle	Rows number on the travee	Schemes and distances (cm)	Number of plants/ha 1000
Cycle I	4	$(40 + 80 + 80 + 80 + 40) * 40 - 45$ or $(35 + 90 + 70 + 90 + 35) * 40 - 45$	28 - 31
	3		
Cycle II	4	$(40 + 120 + 120 + 40) * 34 - 40$	24 - 31

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