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Salinity Change in Different Soil Layers of Tomato Irrigated with Salty Water

Harun Kaman¹, Ahmet Kurunç¹, Halil Demir², Ahmet Tezcan^{1*} Abdullah Sayici¹, Mehmet Can¹ and Ufuk Gökçen¹

¹Department of Agricultural Structures and Irrigation, Faculty of Agriculture, The University of Akdeniz, Antalya, Turkey.

²Department of Horticulture, Faculty of Agriculture, The University of Akdeniz, Antalya, Turkey,

Authors' contributions

This work was carried out in collaboration between seven authors. Authors HK, AK and HD designed the study, wrote the protocol and wrote the first draft of the manuscript. Authors AT, AS, MC and UG managed the field and analyses of the study. Author AT managed the literature searches and performed the statistical analysis. All authors read and approved the final manuscript.

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ABSTRACT

*Corresponding author: E-mail: atezcan@akdeniz.edu.tr;

Keywords: Irrigation water salinity; plant root zone; soil layers; tomato.

1. INTRODUCTION

2. MATERIALS AND METHODS

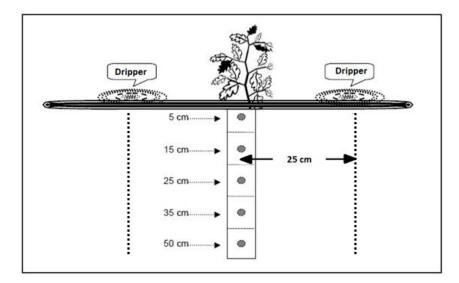


Fig. 1. Soil profile sampling plan at the end of season

3. RESULTS AND DISCUSSION

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Table 1. Some descriptive statistics of mean salinity (dS/m) values in 0-50 cm layer of soil
profile

Variable	Ν	Mean	Min	Мах	Variance	Std Dev	Std error	Median	Mode	CV
		Tabl	- 0 Jm			, linii				
		Tabl	e 2. Im	pact of ir	rigation wate	er salinit	ty on soi	l salinity		

Significance: Depth: **; Salinity: ns; Depth x Salinity: ns, Means followed by the different small letters in each row are significantly different at 5% level by Duncan test, *: P<0.05 (significant), ** P<0.001 (highly significant)

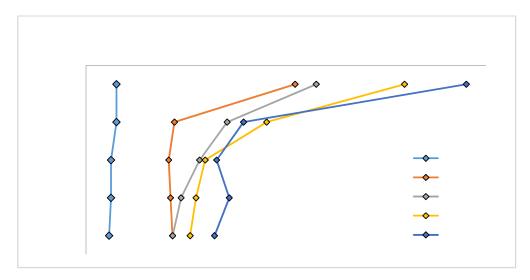


Fig. 2. Change of salinity of all treatments at the beginning of the season and at the end of the season

4. CONCLUSION

ACKNOWLEDGEMENTS

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COMPETING INTERESTS

REFERENCES

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