



The influence of soil conservation tillage on the physical degradation of soil by compaction

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Plant production

TWO LOCALITIES

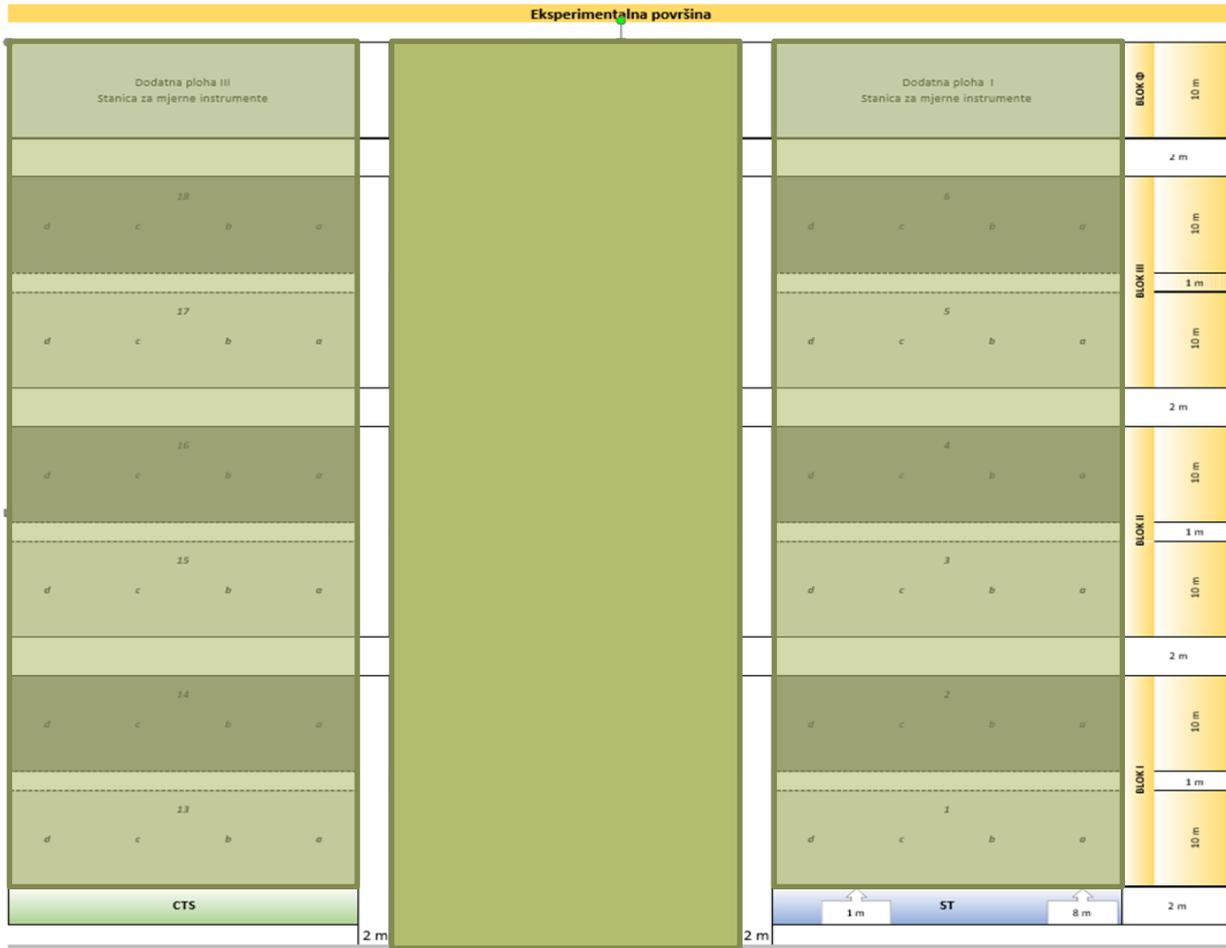


KRIŽEVCI



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EXPERIMENT SCHEME



Datum	
 	
HRZZ projekt: "Procjena konzervacijske obrade tla kao napredne metode uzgoja usjeva i prevencije degradacije tla" ACTIVEsoil: IP-2020-02-2647	
Tretman A (Obrada tla)	
A1-ST	Standardna obrada
A2-CTD	Konzervacijski sustav-duboki
A3-CTS	Konzervacijski sustav-plitki
Tretman B (Kalcizacija)	
B1-CN	Bez kalcizacije
B2-CY	Sa kalcizacijom
Tretman C (Gnojidba)	
I-C1-FR	Gnojidba prema preporuci
II-C2-FD	Gnojidba umanjena <50%
III-C3-GFR	Gnojidba prema preporuci + Geo2
IV-C4-GFD	Gnojidba umanjena <50% + Geo2

HYDROMETEOROLOGICAL FACTORS

AIR TEMPERATURE

Mean monthly air temperature (Slatina)

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	Σ/X
3,1	5,2	5,9	9,2	14,7	22,4	23,7	20,6	16,5	9,5	6,2	3,5	11,7

Source of data: DHMZ 2022.

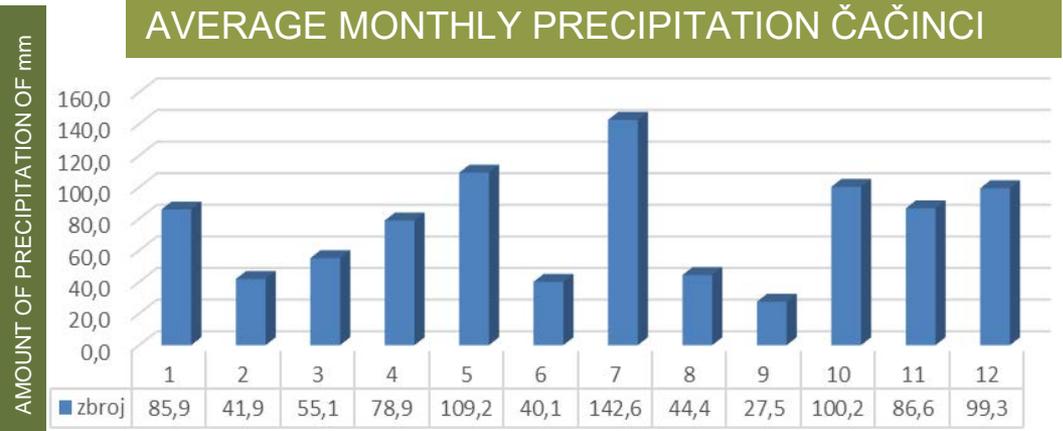
Mean monthly air temperature (Križevci)

I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	Σ/X
2,3	4,8	6,5	9,1	13,8	22,6	23,0	20,2	16,6	9,3	5,9	3,2	11,4

Source of data: DHMZ 2022.

HYDROMETEOROLOGICAL FACTORS

AVERAGE MONTHLY PRECIPITATION ČAČINCI



MONTHS IN A YEAR

AVERAGE MONTHLY PRECIPITATION KRIŽEVCI



MONTHS IN A YEAR

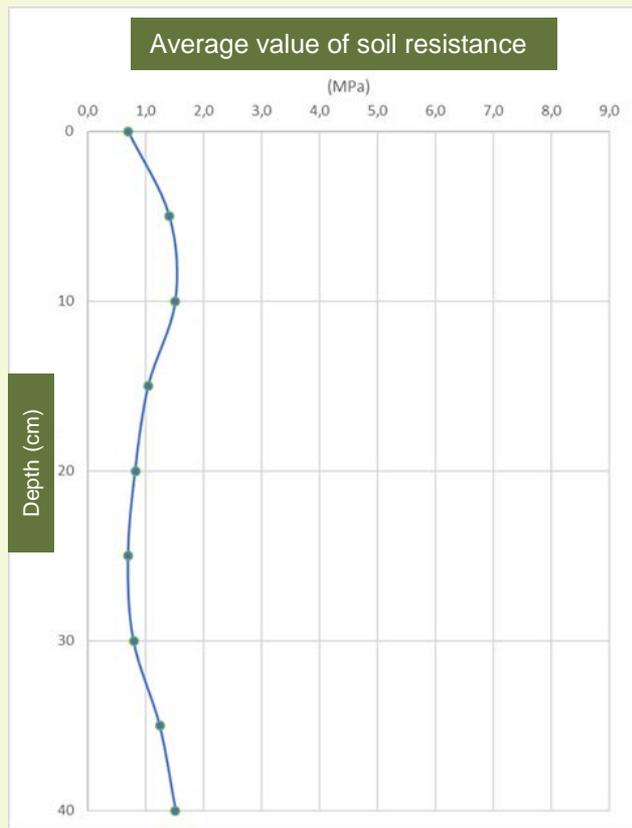
AMOUNT OF PRECIPITATION



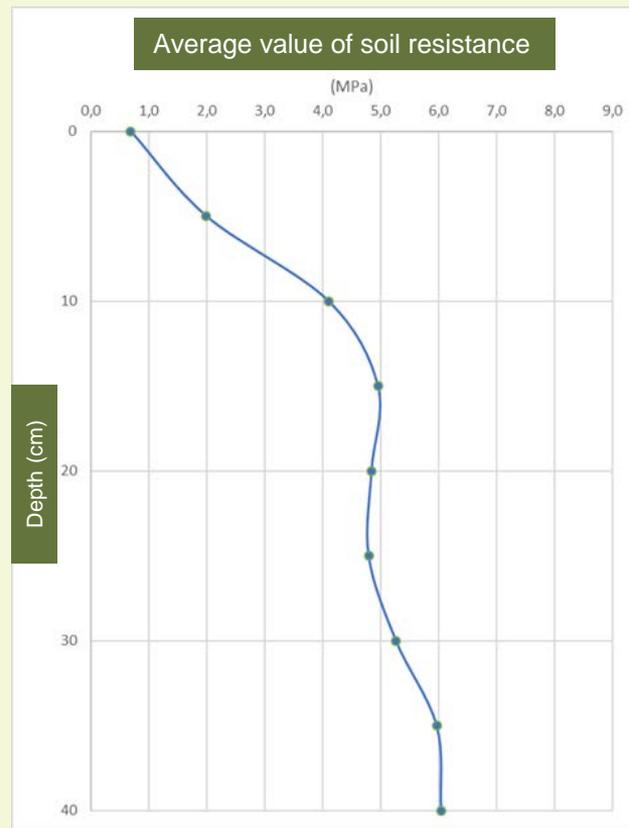
RESEARCH RESULTS



AVERAGE ST

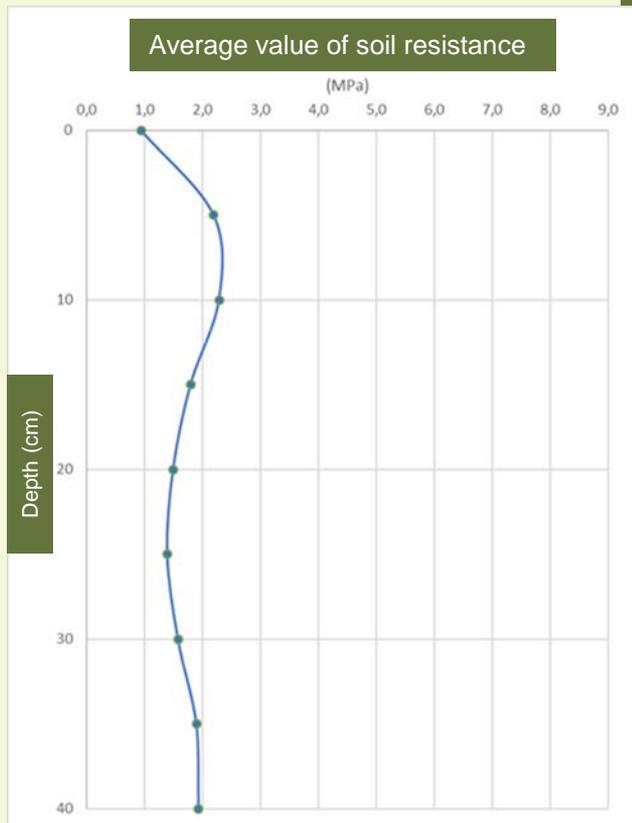


4.6.2021.



23.9.2021.

AVERAGE CTS

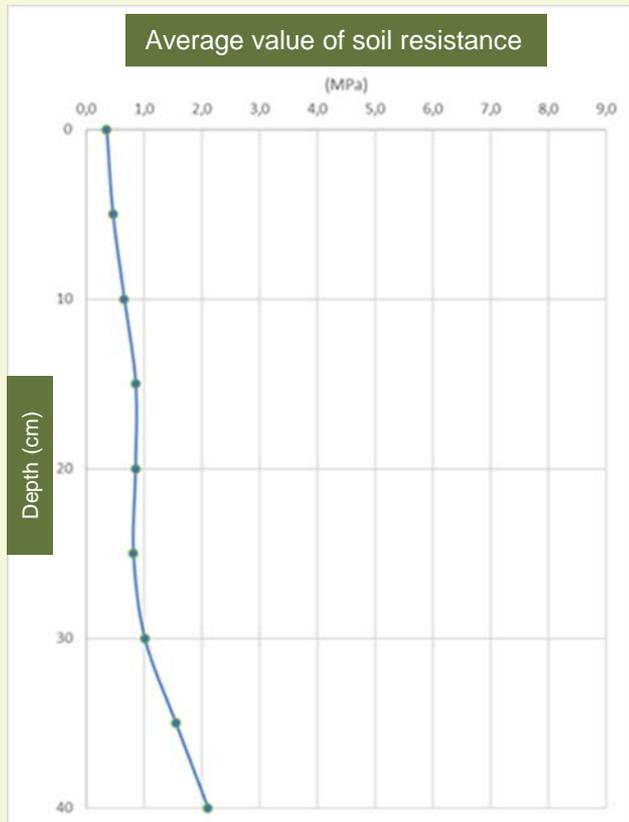


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23.9.2021.

AVERAGE ST

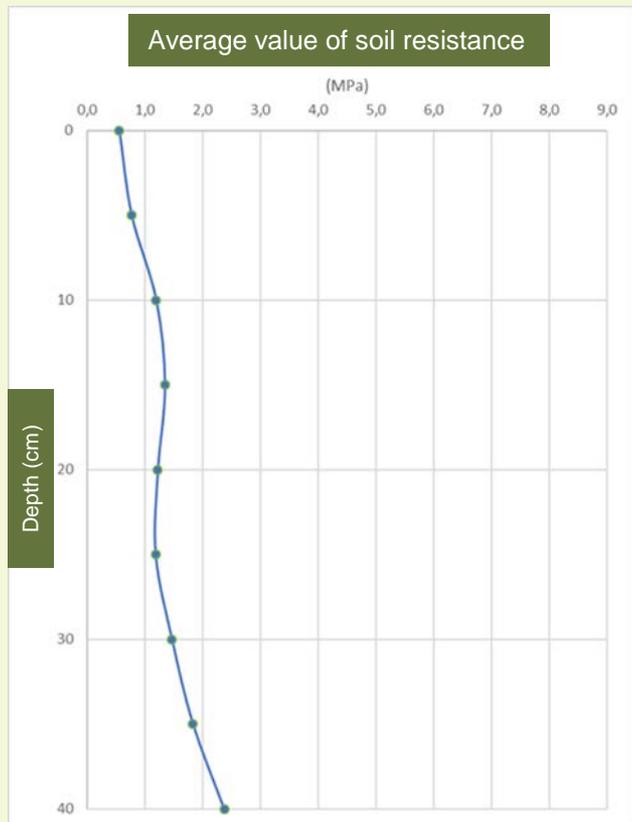


4.6.2021.



23.9.2021.

AVERAGE CTS



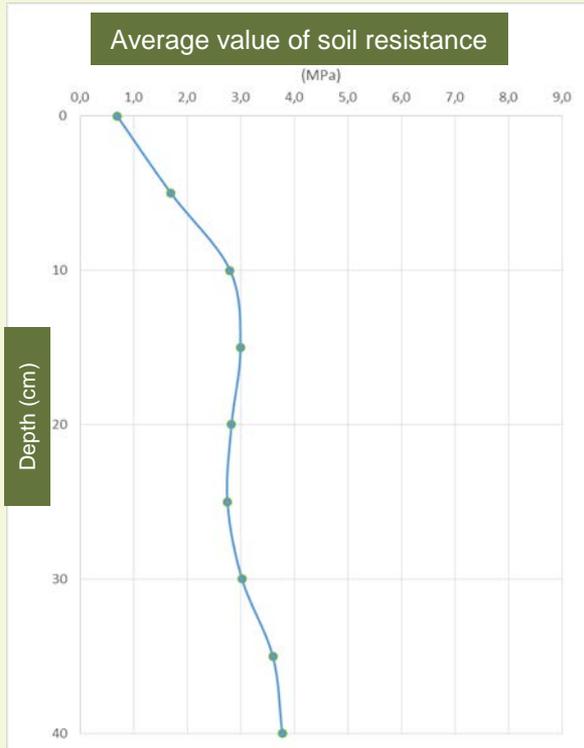
4.6.2021.



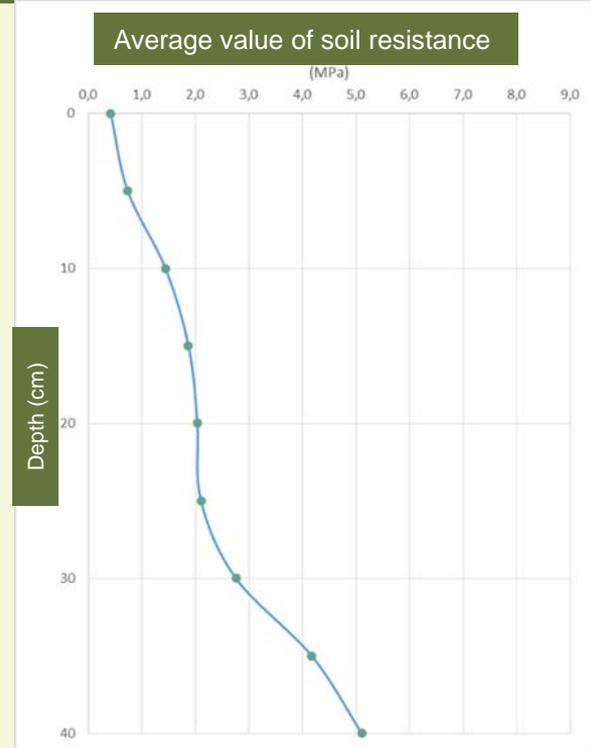
23.9.2021.

COMPARISON OF EXPERIMENTAL SURFACES

AVERAGE ST

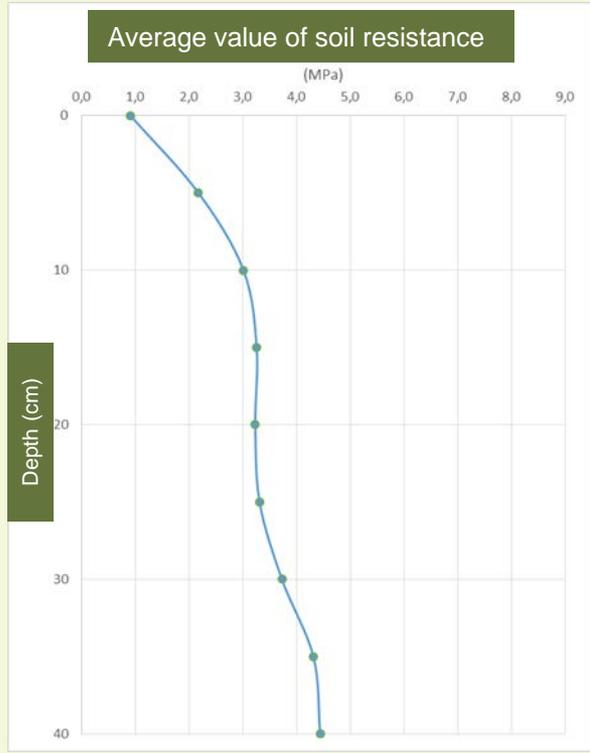


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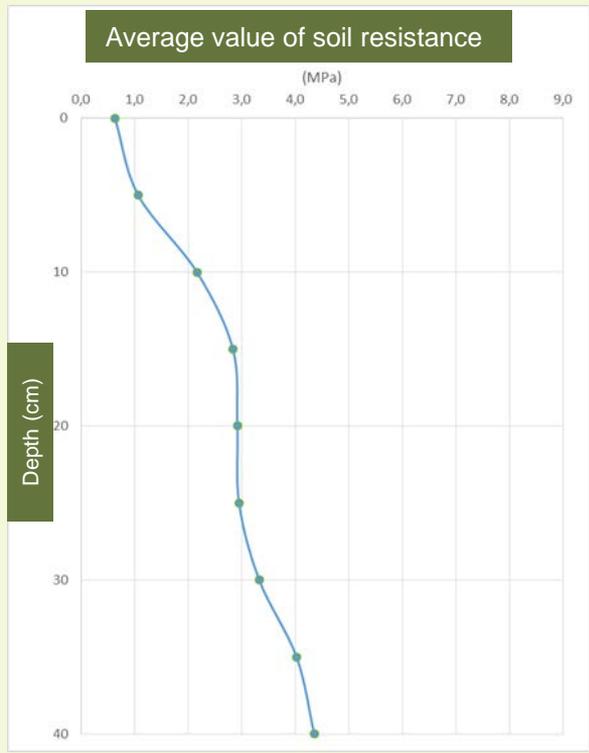


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**THANK YOU
FOR YOUR
ATTENTION!**