

7. WORMS

Team Croatia
Opponent: Andrej Todić



PROBLEM TEXT

Earthworms change the mechanical properties of soil and make the soil more porous. Investigate this process and introduce quantitative parameters.

THEORY

Pros:

- Porosity mechanism explained

Cons:

- Most parameters aren't directly of soil
- Didn't mention the compactness

EXPERIMENT

Pros:

- Lots of parameters

Cons:

- Very small sample (not repeated)
- Height not only relevant parameter
- „accuracy practically 100%” – not tested

RESULTS AND CONCLUSION

Pros:

- A correlation with plant growth

Cons:

- Could've had better data analysis or comparison

POINTS FOR DISCUSSION

- How compactness is affected by earthworms?
- Why did worms die (perhaps food)?
- Why is the special soil worse than regular forest soil?

THANK YOU!

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