Contributions to determination the affinity for heavy metals accumulation of some organs at Helianthus Annuus L.

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This work is about the affinity for heavy metals accumulation of some organs at sunflower. The field chosen for our study is faraway against any pollution industrial source. Also it were prelevated soil samples from roots
zone under each plant harvested, and was made the pH analyse. The results emphasized in soil and inside plants organs the following heavy metals: silicium, strontium, zincum, copper, titanium, iron and manganese. In the roots of plants were stored higher concentrations of silicium, zincum, titanium, iron and manganese then those registered in the soil content. In the lowest content was zincum (0,113%) and the highest one was titanium (0,656%). In leaf was accumulated manganese in 0,653% concentration, higher then soil content of 0,001%. Zincum was accumulated in leaf stalk in higher concentration then the soil one (0,055% respectively 0,046%).