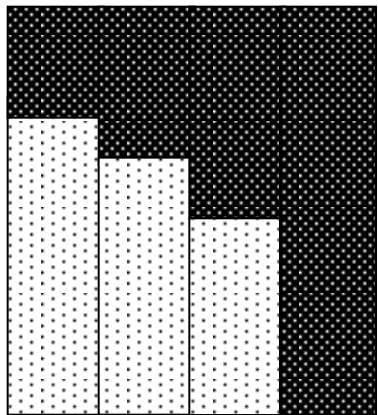


Biotesting of four artificial land reclamation profiles

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This research was carried out at Pokrov land reclamation station of Dnipro State Agrarian and Economic University

Four artificial profiles were tested in a lysimetric experiment using black soil and sand as substrata



 - black soil

 - sand

Trial	Height,cm	Root mass, g
30cm Soil + 120cm Sand	220	405
50cm Soil + 100cm Sand	250	640
70cm + 80cm Sand	270	755
Black Soil	220	653

The biomass of Jerusalem artichoke is a good raw material for fermented sugars into bio-ethanol as biofuel.

“EcoMining: Development of Integrated PhD Program for Sustainable Mining & Environmental Activities”