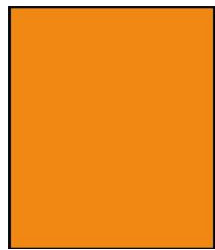


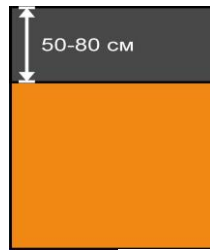
# THE STRATIGRAPHY OF ARTIFICIAL CONSTRUCTION OF MINELANDS RECLAMATION MODELS

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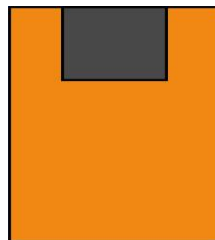
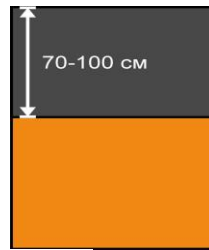
Scientific Supervisor: Oleksandr Mytsyk (DSAEU)



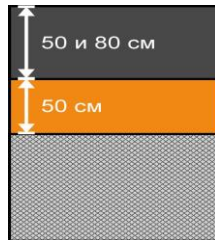
Model 1



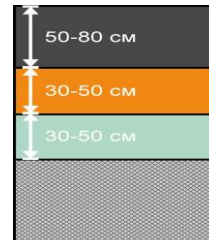
Model 2, 3



Model 4



Model 5



Model 6

**Model 1 – is the simplest. Model 2 and Model 3 are two-layer models. Model 3 provides an additional 10-30% yield. Model 4 is used for orchards. Model 5 has 3 layers.**

**Model 6 consists of next layers: 0.5-0.8 m chernozem on top of 0.3 – 0.5 m loess-like loam on top of 0.3 – 0.5 m of a waterproof, non-saline substrate.**

**Bigger yields of crops were obtained with model 6 due to higher fertility of the soil and additional accumulation of 40-60 mm of available moisture per year.**