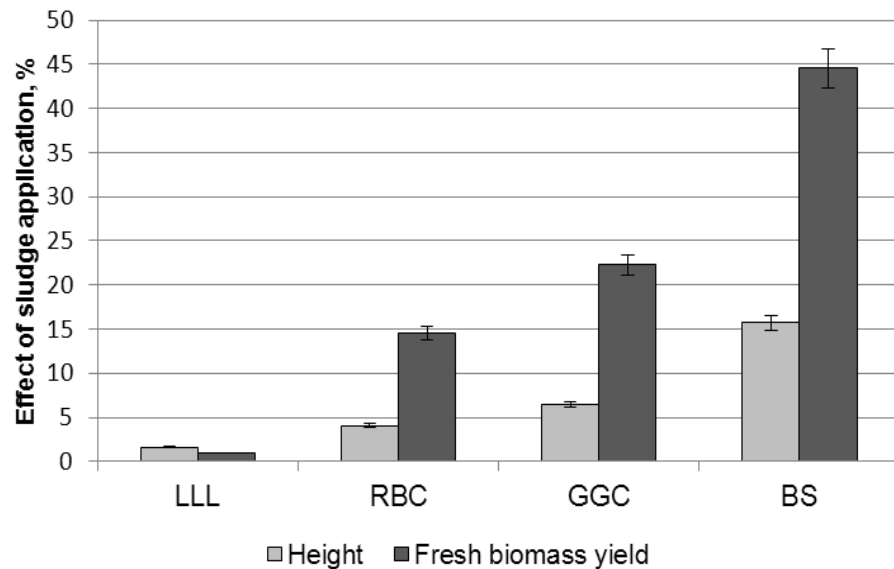


## Sweet sorghum cultivar Medove growing in phytomeliorated rocks

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Effect of sewage sludge application on growth and yield of sorghum Medove grown on mining substrates

Tested substrata: black soil and three long-term phytomeliorated rocks: loess-like loam, (LLL), red-brown clay (RBC), green-grey clay (GGC)

Conclusion: Medove is a promising cultivar of sweet sorghum for growing on mining lands in areas of insufficient water supply. Under such conditions it can produce above-ground biomass from 38 to 82 ta ha<sup>-1</sup>.

The sewage sludge application can promote increase of productivity up to 44%.

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