

TWO GROWN HERBS' DRUG YIELD CHANGES UNDER DIFFERENT FERTILIZATION SETTINGS IN SMALL PLOT TRIAL

Judit Éva LELESZ¹

Abstract. *While we investigated the summer savory's (*Satureja hortensis* L.) and the marigold's (*Calendula officinalis* L.) nutrient requirements in small-plot trial we measured the drug yield, which we harvested in 2015 and in 2016.*

It was concluded, based on the results, in 2015 the biggest marigold drug yield in the N30P40K60 fertilization setting and in 2016 in the N75P100K150 setting were measured. The savory's yield in 2015 in the N30P40K60, and in 2016 in the N60P80K120 settings were the biggest.

Thanks to the multiple picking the data we got with harvesting of the marigold, we investigated the effect of the different fertilization settings the flower drug's changes over time. The drug crop's change over time could show how many times it is economical to harvest under different fertilization settings.

Keywords: herb, drug, fertilization, marigold, savory

¹PhD Student, University of Debrecen, Hungary, Faculty of Agricultural and Food Science and Environmental Management (e-mail: lelesz.judit@agr.unideb.hu)
