



Influence of ecologic fertilizers over *Salvia Officinalis* l. and *Allium Cepa* l.

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Salvia officinalis L. is cultivated for its leaves which have as active element the volatile oil. This together with the other components have coleretic, carminativ, antiseptic, hipoglycemic effects and antisudorific action. *Allium cepa* L. contains sugars, vitamins, antibiotic substances, volatile oil, flavonoides, glucosides etc. Those active elements have diuretic and antiseptic effects. At SCDA Secuieni during 2006-2008 different doses of ecologic fertilizer were examined (8 l/ha, 10 l/ha, 13 l/ha). The used fertilizer was Kipos, which contains 18,72% organic nitrogen, 0.64%, organic phosphorus and 0.52% organic potassium. For both species highest production was obtained with the 10 l/ha dose. Thus, for *Salvia officinalis* L. the dried herba production, in the 10 l/ha variant, was 2105 kg/ha in the first year, 2346 kg/ha in the second year and 3580 kg/ha in the third year of vegetation. For *Allium cepa* L. the bulbs production (10 l/ha eco fert variant) was 22760 kg/ha in 2006, 23330 kg/ha in 2007 and 24815 kg/ha in 2008.