

**CONTENT OF ROSMARINIC ACID IN LEAVES  
OF *PRUNELLA VULGARIS* (LAMIACEAE) IN NATURE AND EXPERIMENT**

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SUMMARY

The seasonal dynamics of the content of rosmarinic acid have been determined in leaves of *Prunella vulgaris* L. growing in natural conditions in the North-West of Russia and in the climatic chamber. In all samples in phase vegetation rosmarinic acid was not detected. In the natural conditions plants rosmarinic acid content was significantly different only at preflowering stage. In plants grown in the climatic chamber, rosmarinic acid increased since blossoming and was maximal at fruiting.

Keywords: rosmarinic acid, *Prunella vulgaris*, Lamiaceae.