

**THE SOIL SEED GERMINATION BEREKA
(SORBUS TORMINALIS (L.) CRANZ).**

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Over the past 100 years, species diversity of forest tree species in Podillia region has decreased dramatically. Many species occur in form of isolated instances. One of such tree species that grow in Ukraine is Wild service tree.

Wild service tree is a valuable tree species growing in Ukraine, although its distribution area is much larger. In natural stands, it can be found throughout Western Europe, the Caucasus, the Crimea, Asia Minor and in North Africa. Within the range, it is a component of deciduous forests, one of the best companions to oak and rock oak and other forest forming species, defined by a wide ecological amplitude.

Despite these qualities, wide range and flexibility to soil conditions, Wild service tree is very rare in vegetation composition on the tail. The main reason, according to many scientists, is the most predatory felling of trees aimed at accumulating mature mahogany.

As already noted, Wild service tree (*Sorbus torminalis* (L.) Crantz) is a valuable Red book native species. Its reproduction and breeding requires a thorough and comprehensive study.

It spreads mainly by seed that should be stratified for extended periods for proper germination. In "Handbook on incipient raising of dormant plants", by M. G. Nikolaieva et al. on *Sorbus torminalis* indicated that the seeds need stratification at 0-30 ° C for 8 months.

Therefore, the aim of research was to establish the optimal timing of seeding *S. torminalis*, features of pre-installation preparation and sowing methods to ensure a successful and relatively inexpensive recovery.

The article presents aspects of soil seed germination of Wild service tree (*Sorbus torminalis* (L.) Crantz) in open ground of Novoushytskyi ornamental nursery of SE "Novoushytskyi FE". The features and technologies of seed sowing

in autumn and spring were analyzed. Results of similarities of soil sowing in autumn and spring seasons, season specifics and their prospects were compared.

Keywords: bereka (*Sorbus torminalis* (L.) Crantz), seed breeding, soil germination, autumn sowing, stratification, spring seeding.