

STUDIUM STRATIFIKAČNÍCH METOD *TAXUS BACCATA* L.

Ludmila PAIKERTOVÁ

Mendelova zemědělská a lesnická univerzita v Brně, Zahradnická fakulta, Ústav šlechtění a množení zahradnických rostlin, Valtická 337, 691 44 Lednice, Česká republika, e-mail: hadrunek@seznam.cz

ABSTRACT

Paikertová, L.: **Study of stratification methods of *Taxus baccata* L.**

This work is concerned with the propagation of the Common Yew (*Taxus baccata* L.) from seed. However, here we immediately run into the problem of dormancy when seeds, even though they have optimal conditions for germination, do not sprout in the first few weeks or months. It is possible to shorten the period of dormancy by using an appropriate stratification method. This study compares the influence of seed source, time of year when collected, and various stratification medium. The seeds were subjected to various different combinations of hot and cold stratification.

Suitable guide-lines for growing *Taxus baccata* L. from seed could help reduce the cost and time to produce seedling trees and thereby also help its return to Czech forests, where it unquestionably belongs.

Key words: generative propagation, dormancy, stratification, *Taxus*