

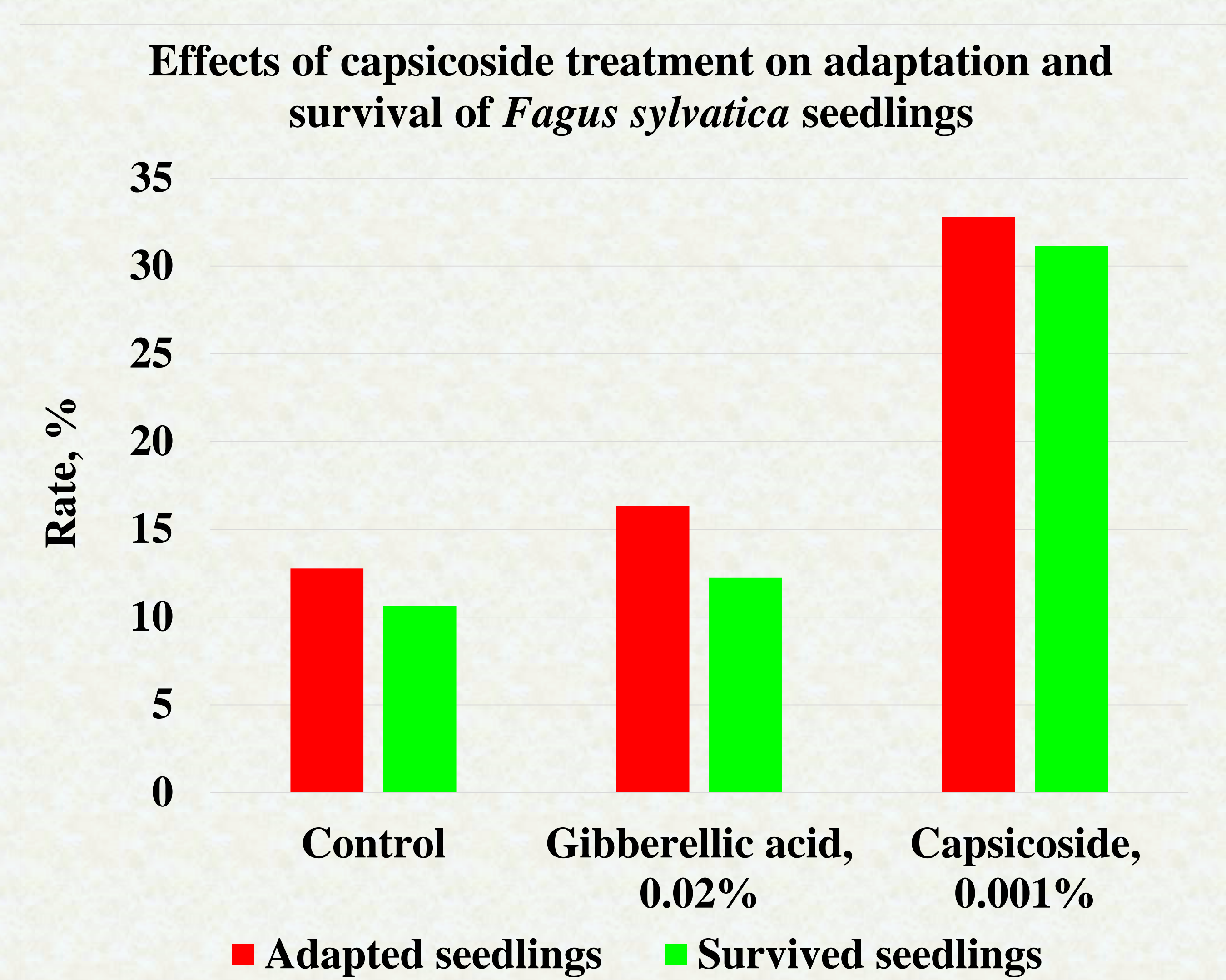
# PROCESS FOR INCREASING THE GERMINATION OF BEECH (*FAGUS SYLVATICA*) SEEDS

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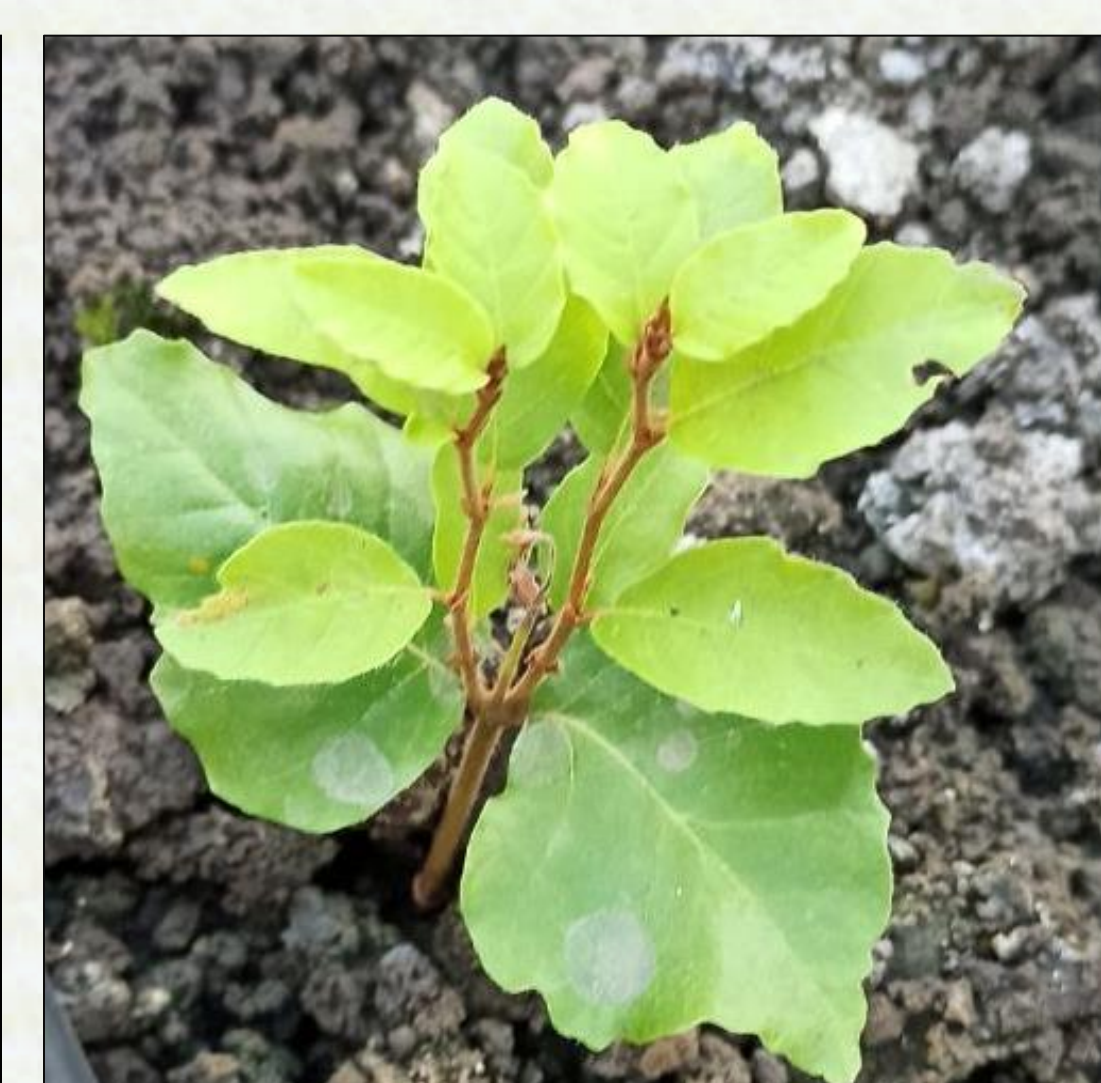
**PURPOSE.** Reducing seed germination time and increasing the resistance of beech seedlings.

**SOLUTION.** The method consists in treating beech seeds with a solution of 0.001% capsicoside for 22-24 hours and then stratifying the seeds at 30% humidity and a temperature of +4-+6°C until germination.



**ADVANTAGES.** The method of seed treatment with capsicoside leads to:

- stimulation of daily seed germination up by 18.5%;
- significant reduction in the period of total seed germination by 20-22 days, which allows for an earlier sowing of germinated beech seeds;
- better adaptation of germinated seeds transferred to the soil, the rate of seedling appearance and their survival in the variant with capsicoside treatment was higher by 2.7-3.0 times.



**APPLICATION:** forestry, agriculture

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