



Aspects regarding the influence of stimulating substances on germination and development at *Albizzia julibrissin*

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Over named the „happiness tree”, *Albizzia julibrissin* reaches maximum 12 m height and has a great ornamental value due to its extremely beautiful flowers, with numerous long, silky stamens of varying colors (pink, yellow, white, violet) which make a great decor from July till August and due to its rich leaf charge, with the same touch sensibility as the rest of the *Mimosa* species. It is sensible to our country's strong frosts, though the studies proved the fact that, adequately acclimatized, the *Albizzia julibrissin* plants can cope, for a short time, to normal frost periods for the Moldavian area. The paper is proposing to present some aspects regarding the possibilities of improving generative breeding technology for this specie, by using some stimulating substances for germination and root formation (Radistim - powder and ASFAC – 4), in the research conditions from the flower greenhouse of U. Ș. A. M. V. Iasi. The observations were made during February - June 2008, using four variants: V1 – untreated control, V2 – Radistim powder, V3 – ASFAC-4 20 ppm, V4 – ASFAC-4 25 ppm, using the same substratum for all four variants.