IMPACTS OF SEED STIPULATION METHODS ON THE GERMINATION OF *Cunninghamia konishii* Hayata

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Summary

Cunninghamia konishii Hayata is a valuable genetic resource of high economic and scientific importance. For conservation and development of this endangered species, there is a need to study seed stipulation for better germination results. Study results have shown that soaking seeds at 40^o produced the highest germination state (15.56%) and highest rate of germination (43.33%), and the shortest time to germinate (17.33 days). Soaking seeds for 4 hours produced the highest germination state (16.67%) and highest rate of germination (43.67%), and the shortest time to germinate. If soaking for less or more than 4 hours would not produce the good results. The thickness of soil covers when seeding is opposite to germination rate and but positive with germination time. 0.5 cm soil cover gives the best results.

Key words: *Cunninghamia konishii Hayataseeds, seed stipulation, sow, germination, soil thickness.*