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Seed Dormancy and Germination in *Solanum nigrum* and *S. physalifolium* as Influenced by Temperature Conditions

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Solanum nigrum L. (black nightshade) and *S. physalifolium* Rusby (hairy nightshade) are two important weeds in agriculture. Seed dormancy and germination characteristics of both species were studied both in experiments and by developing a simulation model. These characteristics enable the species to regulate their emergence timing, survival and adaptation to agricultural practice. This information can be used to improve management of the species.

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