



Pimelea spinescens Recovery Team

Coordinating the recovery of Spiny Rice-flower (subsp. *spinescens*) & Wimmera Rice-flower (subsp. *pubiflora*)

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Seed propagation protocol

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Seed collection:

Mature, ripe seed is important as immature seed does not seem to have the ability to develop further after picking.

(Refer to seed collection protocols for more information regarding seed collection)

Sowing:

Ideally, sow seed in early March for best germination results in autumn. This allows sufficient time for germination (the main flush), growing on and then planting in August.

Seed treatment:

Soak seed in Regen 2000 (smoked water) for 24 hours prior to sowing in seed trays. Use Regen 2000 (vermiculite impregnated) to cover seed.

The chemicals in smoke water are very soluble in water. It is important that the seed trays are not placed under automatic misting.

Hand water the seed trays once or twice a day as needed, depending on prevailing weather conditions

Seeds will begin germinating after a few weeks (the main flush). Sporadic germination will continue up to 12 months after the initial sowing.

It is desirable to reapply the smoked vermiculite at 3 monthly intervals.

* As at July 2009 the methods outlined above are considered by the *Pimelea spinescens* Recovery Team to be current best practice. However, research is currently underway into other germination techniques. Therefore, this seed propagation protocol is a continuously evolving document. For the most up to date methodology contact the *Pimelea spinescens* Recovery Team.