

**MICROPROPAGATION OF *PTILOTUS EXALTATUS* NEES
AND *PTILOTUS NOBILIS* (LINDL.) F. MUELL.**

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REFERENCES

- ABELL P., OATES J. (1999). Identification of Mulla Mulla suitable for domestication and breeding for the cut and dried flower trade. *In*: Reed M. (Ed.). Cultivating Australian native plants – achieving results with small research grants. Publication no. 99/7, Project no. AFF-1A: 8-12.
- ABLE A. J., SMYTH H., JOYCE D. (2014). Postharvest physiology and volatile production by flowers of *Ptilotus nobilis*. *Postharvest Biology and Technology*, 88: 61-71.
- BENNEL M. R., WILLIAMS R. R. (1992). Cultivation of the pink mulla mulla, *Ptilotus exaltatus* Nees. 2. Nutrition and growth regulation. *Scientia Horticulturae*, 51: 107-110.
- LEE K. K., HARRISON D. K., JOHNSTON M. E., WILLIAMS R. R. (2007). Molecular taxonomic clarification of *Ptilotus exaltatus* and *Ptilotus nobilis* (Amaranthaceae). *Australian Systematic Botany*, 20: 72-81.
- LEE K. K., JOHNSTON M. E., HARRISON D. K., WILLIAMS R. R. (2008). Evaluation of key horticultural traits for *Ptilotus nobilis* in subtropical regions. *Scientia Horticulturae*, 118: 236-241.
- MURASHIGE, T., SKOOG F. (1962). A revised medium for rapid growth and bio assays with tobacco tissue cultures. *Physiologia Plantarum*, 15: 473-497.
- ORZEK S., JOHNSTON M. E., PERKINS M. L., WILLIAMS R. R. (2009). The effect of low light intensity on floral evocation and plant architecture in *Ptilotus nobilis*. *Acta Horticulturae*, 813: 73-78.
- PRAMESWARA V. A., JOHNSTON M., PERKINS M., ROBERTSON V., RATNADEWI D. (2009). Ethylene influences development and flowering of *Ptilotus* spp. *in vitro* and *ex vitro*. *Scientia Horticulturae*, 122: 227-232.
- SCHULZ C. (2009). Optimierung der In-vitro-Vermehrungsmedien für 3 Genotypen von *Ptilotus exaltatus*. Bachelorarbeit im Fachgebiet Zierpflanzenbau/Vermehrungstechnologie und Baumschulwesen, 54 pp.
- SEYRING M. (1996). Untersuchung zur *in-vitro*-Vermehrung von *Ptilotus exaltatus*. *Gartenbauwissenschaft*, 61: 70-76.
- VON HENTIG W.-U. (1992). Suche und Entwicklung australischer Zierpflanzen. *Deutscher Gartenbau*, 29: 1740-1751.
- VON HENTIG W.-U., EHLERS D. (1993). Der „Australische Federbusch“ *Ptilotus exaltatus*. *Deutscher Gartenbau, Neue Zierpflanzen*, 37: 2321-2325.
- VON HENTIG W.-U., EHLERS D., HENNIG F., SEYRING M. (1995). The development of *Ptilotus exaltatus* R.Br. under Central European conditions. *Acta Horticulturae*, 397: 163-180.
- WILLIAMS R. R. (1996). *Swainsona formosa* (Clanthus, Sturt's Desert Pea). *In*: Johnson K., Burchett M. (Eds). *Native Australian Plants Horticulture and Uses*. University of New South Wales Press, Sydney: 102-117.
- WILLIAMS R. R., HOLLIDAY K. C., BENNEL M. R. (1989). Cultivation of the Pink Mulla Mulla, *Ptilotus exaltatus* Nees. 1. Seed germination and dormancy. *Scientia Horticulturae*, 40: 267-274.
- WILLIAMS R. R., TAJI A. M., WINNEY K. A. (1990). The effect of *Ptilotus* plant tissue on pH of in vitro media. *Plant Cell, Tissue and Organ Culture*, 22: 153-158.
- WRIGLEY J., FAGG M. (1988). *Australian native plants; A manual for their propagation, cultivation and use in landscaping*. 3rd Edition. Collins: Sydney, 623 pp.