

**Production and conservation of native Thai orchid *Dendrobium scabrilingue* Lindl.**

(Oral Presentation)

Luckana [Phetpradap](#)

Department of Horticulture Faculty of Agriculture Production, Maejo University, Chiang Mai, 50290, Thailand

**Introduction**

*Dendrobium scabrilingue* Lindl. is an important indigenous Thai orchid, particularly in Mae Hong Sorn Province. Continuous extinction of this orchid occurred due to changes in ecosystems and over collecting for commercial purpose. Preliminary studies showed potential on plant production and essence extraction.

**Objectives**

To determine the proper technology for grower.

**Methods**

Researchs on propagation, cultural practices, breedings and conservation were initiated and conducted. Training programs were offered to interest growers. Appropriate technology was then transferred to selected grower.

**Results**

Eight sub projects have been done. They were: surveying on environmental habitat, various propagation and conservation methods experiments, proper cultural practices for seedlings growth, mature and flowering plants, breeding programs for new hybrid, two groups of 20 local growers were stimulated and trained to be village leaders for production and conservation.

**Conclusion**

Success in propagation and growing practices were achieved. More than 30,000 seedlings were distributed to growers. Local grower interest is increasing. Advance on technology transfer are satisfied.

**Keywords:** *Dendrobium scabrilingue* Lindl., native Thai orchid

**Selected References**

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**Presenting Author:** Luckana Phetpradap, Luckana@mju.ac.th

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