

# Protocol Information

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## Corvallis Plant Materials Center

Corvallis, Oregon

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Family Scientific Name: **Asteraceae**

Family Common Name: **Sunflower family**

Scientific Name: ***Madia elegans* Lindley**

Common Name: **common madia**

Species Code: **MAEL**

Ecotype: **seeds were collected from Lane Co, Oregon near Eugene.**

Propagation Goal: **Seeds**

Propagation Method: **Seed**

Product Type: **Propagules (seeds, cuttings, poles, etc.)**

Propagule Collection: **Seed heads are clipped from plant when the sepals begin to reflex.**

Propagule Processing: **Seeds were cleaned using a small air screen machine.**

Growing Area Preparation/  
Annual Practices for Perennial Crops: **Seeds were sown into cone-tainers filled with Sunshine#1 (a soil-less, peat-based media) amended with micro-nutrients (Micromax) and a slow-release fertilizer (Osmocote 14-14-14). Flats of conetainers were placed in greenhouse set at moderate temperatures (70 degree days/ 50 degree nights)**

Establishment Phase: **Seeds germinated readily with no treatment. Most seeds germinated within one to two weeks.**

Active Growth Phase: **Plants grew quickly and when roots had sufficiently filled the cone-tainer (about 1 month), they were transplanted into 5'X6' tub filled with 12" of amended Sunshine #1 mix. Plants were spaced 6" apart and watered as needed. Plants grew to 3' feet high and were covered with blooms.**

Length of Active Growth Phase: **4 months**

Harvesting, Storage and Shipping: **Seeds were collected from individual seed heads when sepals began to dry and reflex. They were dried on tarps in a greenhouse and cleaned in an air-screen machine.**

### Citation:

Bartow, Amy. 2003. Propagation protocol for production of *Madia elegans* Lindley seeds; Corvallis Plant Materials Center, Corvallis, Oregon. In: Native Plant Network. URL: <http://www.nativeplantnetwork.org> (accessed 19 October 2006). Moscow (ID): University of Idaho, College of Natural Resources, Forest Research Nursery.

