Protocol Information

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USDA NRCS
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Plant Materials Program

Corvallis
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Corvallis, Oregon

Family Scientific Name:	**Apiaceae**
Family Common Name:	**Carrot family**
Scientific Name:	***Perideridia gairdneri* Hook. & Arn**
Common Name:	**Gairdner's yampah**
Species Code:	**PEGA3**
Ecotype:	**seeds were collected in Lane Co., Oregon near Eugene**
Propagation Goal:	**Plants**
Propagation Method:	**Seed**
Product Type:	**Container (plug)**
Pre-Planting Treatments:	**Seeds were sown directly into cone-tainers filled with Sunshine#1 (a soil-less peat-based media) amended with micro-nutrients (Micro-max) and a slow-release fertilizer (Osmocote 14-14-14). Flats of cone-tainers were covered with poly-ethylene bags and placed in a walk-in cooler (35-40 degrees). Seedlings emerged after 80 days. 80% germination was observed.**
Growing Area Preparation/ Annual Practices for Perennial Crops:	**When seedlings emerged, flats were removed from the cooler and placed in a greenhouse set at moderate temperatures (70 degree day/ 50 degree nights).**
Establishment Phase:	**Seedlings germinated within one to two weeks after coming out of the cooler.**
Other Comments:	**Trials were also conducted with no cold-moist stratification which resulted in zero germination, 6 weeks cold-moist stratification resulted in fair germination 40%. 80-90 days cold-moist stratification is optimum.**

Citation:

Bartow, Amy L. 2003. Propagation protocol for production of container *Perideridia gairdneri* Hook. & Arn plants; 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.