

Holloway, P. 1998. Horticultural Crop Production for Alaska. Cooperative States Research and Extension Service HATCH report Acc. 0190422

Plant evaluations at the Georgeson Botanical garden included 734 woody perennials, herbaceous perennials, annual flowers, herbs and vegetables. Recommended perennials for Interior Alaska include: 18 cultivars of Asiatic hybrid lilies, *Dianthus carthusianorum*, *D. plumarius* 'Smokey', *D. repens*, *Gentiana septemfida*, *Delphinium laxiflorum*, *D. elatum*, *D. glaucum*, *Filipendula vulgaris*, *Hemerocallis minor*, *Bergenia cordifolia* 'Redstart' and 'Rose', *Asparagus officinalis* subsp. *pseudoscaber*, *Allium cernuum*, *Phegopteris connectilis*, *Phalaris arundinacea* var. *picta*, *Phlomis tuberosa*, *Aquilegia sibirica*, *Cerastium tomentosum*, *Clematis integrifolia*, *Polygonatum biflorum*, *Anemone virginiana*, *A. multifida*, *Veronica incana*, *Achillea millefolium* 'Summer Pastels', *Achillea Ptarmica* 'The Pearl', *Arnica lessengii*, *Erigeron humilis*, *E. glabellus*, *Lupinus nootkatensis*, *Solidago decumbens*, *Draba densifolia*, and *Thalictrum sparsiflorum*. These perennials had survived a five-year trial period with a hardiness rating of 2.5 or lower. The hardiness scale ranges from zero for no winter injury to four, for complete winterkill. Six cultivars of spinach (cvs. Medania, Grodane, Teton, Hybrid 457, Tyee, Melody) were evaluated for bolt resistance and consumer preference. All cultivars bolted within two days of each other. Taste panels preferred cv. Melody when rating flavor, appearance, texture, and willingness to purchase. 'Subarctic 25' tomatoes showed no difference in yield when grown through IRT-76 and red polyethylene mulch.

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