

Appendix 2. Maximum and mean scores of seedling production in 2006–2010 sorted by maximum score. Sites where species were not tested are marked by dash.

Species or clone with all scores zero in all cities: *Aconogonon divaricatum*, *Arnebia pulchra*, *Artemisia ludoviciana*, *Artemisia schmidtiana* 'Nana', *Astilbe Arendsii* group, *Astilbe Japonica* group 'Red Sentinel', *Calamagrostis x acutifolia* 'Karl Foerster', *Campanula glomerata* 'Acaulis', *Clematis recta*, *Coreopsis verticillata*, *Dicentra formosa*, *Echinops bannaticus* 'Blue Glow', *Echinops ritro*, *Epimedium x youngianum*, *Fallopia japonica* var. *compacta*, *Geranium endressii*, *Geranium renardii*, *Helenium hoopesii*, *Helianthus* 'Lemon Queen', *Hemerocallis citrina* 'Mirja', *Hosta* 'Elata', *Hosta sieboldiana* 'Elegans', 'Frances Williams', *Hosta undulata* 'Irish Green', *Iris germanica*, *Iris Pumila* group 'Cyanea', *Iris setosa* 'Kiiminki', *Iris sibirica*, *Lamprocapnos spectabilis*, *Omphalodes verna*, *Pachysandra terminalis*, *Paeonia anomala*, *Phlox paniculata* 'Europa', 'Frau Anton Bruchner', 'Kirchenfürst', 'Osmo Heikinheimo', 'Rheinländer', 'Starfire', *Phlox subulata* 'Maj', *Polygonum nakaii*, *Pulmonaria angustifolia*, *Pulmonaria saccharata* 'Mrs. Moon', *Rheum palmatum* subsp. *tanguticum*, *Saponaria ocymoides*, *Sedum* 'Herbstfreude', *Sedum spurium* '9Coccineum', 'Rosea', 'Summer Glory', *Senecio doria*, *Tradescantia Andersoniana* group, *Trollius asiaticus*, *Vinca minor*

| Species or clone | Maximum | | | | | Mean | | | | |
|---|----------|---------|-------|--------|------|----------|---------|-------|--------|------|
| | Helsinki | Tampere | Turku | Kuopio | Oulu | Helsinki | Tampere | Turku | Kuopio | Oulu |
| <i>Telekia speciosa</i> | 2 | 1.3 | 1 | – | – | 1.1 | 0.5 | 0.2 | – | – |
| <i>Salvia nemorosa</i> 'Ostfriesland' | 1 | 2 | – | – | 1.3 | 0.3 | 1.3 | – | – | 0.6 |
| <i>Tellima grandiflora</i> | 1 | 1.5 | – | – | 2 | 0.3 | 0.5 | – | – | 0.6 |
| <i>Malva moschata</i> | 0.8 | – | 1.1 | 2 | 1.4 | 0.4 | – | 0.6 | 0.5 | 0.3 |
| <i>Lavatera thuringiaca</i> | 0.5 | – | 0.2 | 2 | 1.4 | 0.3 | – | 0 | 0.4 | 0.5 |
| <i>Verbena hastata</i> 'Rosea' | – | – | 1 | – | 2 | – | – | 0.3 | – | 0.8 |
| <i>Sanguisorba officinalis</i> | 1.5 | – | 1.8 | 0 | 0.1 | 0.4 | – | 0.8 | 0 | 0 |
| <i>Hyssopus officinalis</i> | 1 | 0 | – | – | 1.8 | 0.7 | 0 | – | – | 0.9 |
| <i>Veronica longifolia</i> | 0.7 | – | 1.5 | 0 | 1 | 0.3 | – | 0.7 | 0 | 0.4 |
| <i>Euphorbia polychroma</i> | 0 | 0.5 | – | – | 1.5 | 0 | 0.2 | – | – | 0.4 |
| <i>Geranium platypetalum</i> | – | – | – | – | 1.5 | – | – | – | – | 0.5 |
| <i>Alchemilla mollis</i> | 1.5 | 1 | 1 | 1 | 0.1 | 0.5 | 0.3 | 0.4 | 0.2 | 0 |
| <i>Aconogonon weyrichii</i> | 1.3 | 0 | – | 1 | – | 0.6 | 0 | – | 0.4 | – |
| <i>Dianthus deltooides</i> | 1.3 | – | 0 | – | – | 0.3 | – | 0 | – | – |
| <i>Dracocephalum sibiricum</i> | 0.8 | – | 0.9 | 0.5 | 1.3 | 0.2 | – | 0.2 | 0.2 | 0.3 |
| <i>Armeria maritima</i> group 'Splendens' | 1.2 | – | 0.5 | – | 1 | 0.5 | – | 0.1 | – | 0.2 |
| <i>Geranium sanguineum</i> | 1.1 | 0.8 | 0 | – | 0.2 | 0.4 | 0.2 | 0 | – | 0 |
| <i>Lythrum salicaria</i> 'Rosy Gem' | 1.1 | – | 0.5 | – | – | 0.2 | – | 0.1 | – | – |
| <i>Salvia x sylvestris</i> | 1.1 | 1 | – | – | 1 | 0.4 | 0.5 | – | – | 0.4 |
| <i>Astrantia major</i> | 1 | 1 | 0.7 | – | – | 0.2 | 0.2 | 0.2 | – | – |
| <i>Aconogonon x fennicum</i> | 1 | 0 | – | 1 | – | 0.2 | 0 | – | 0.3 | – |
| <i>Phlox stolonifera</i> 'Blue Ridge' | 1 | – | 0 | – | 0.2 | 0.2 | – | 0 | – | 0 |
| <i>Alchemilla alpina</i> | 1 | – | 0 | – | 0 | 0.4 | – | 0 | – | 0 |
| <i>Sedum acre</i> | 1 | – | 0 | – | – | 0.4 | – | 0 | – | – |
| <i>Ligularia dentata</i> | 1 | – | – | – | – | 0.4 | – | – | – | – |
| <i>Claytonia sibirica</i> | 1 | – | – | – | – | 0.2 | – | – | – | – |
| <i>Malva alcea</i> | 1 | – | – | – | – | 0.2 | – | – | – | – |
| <i>Inula helenium</i> | 1 | – | – | – | – | 0.2 | – | – | – | – |
| <i>Alchemilla erythropoda</i> | 0.8 | – | 1 | – | 0.5 | 0.3 | – | 0.2 | – | 0.3 |
| <i>Doronicum orientale</i> | 0.7 | 1 | 0 | 0.5 | 0 | 0.5 | 0.2 | 0 | 0.1 | 0 |
| <i>Aruncus dioicus</i> | 0.5 | – | 1 | – | – | 0.1 | – | 0.2 | – | – |
| <i>Iris pseudacorus</i> | 0.4 | 0 | 1 | 0 | 0 | 0.2 | 0 | 0.3 | 0 | 0 |
| <i>Veronica austriaca</i> subsp. <i>teucrium</i> 'Königsblau' | 0.1 | 1 | – | – | 0 | 0 | 0.3 | – | – | 0 |
| <i>Nepeta x faassenii</i> 'Six Hills Giant' | 0.1 | 1 | – | – | 0.5 | 0 | 0.4 | – | – | 0.1 |
| <i>Geum coccineum</i> 'Borisii' | 0 | 1 | 0 | 0.5 | 0.3 | 0 | 0.3 | 0 | 0.1 | 0.1 |
| <i>Tiarella cordifolia</i> | 0 | 0.5 | 1 | – | 0.5 | 0 | 0.1 | 0.2 | – | 0.1 |
| <i>Hosta Fortunei</i> group 'Hyacinthina' | 0 | – | 1 | 0 | – | 0 | – | 0.2 | 0 | – |
| <i>Hosta Tarhafunkia</i> group 'Ginko Craig' | 0 | – | 1 | 0 | – | 0 | – | 0.2 | 0 | – |
| <i>Trollius europaeus</i> | 0 | – | – | – | 1 | 0 | – | – | – | 0.2 |
| <i>Doronicum Columnae</i> group 'Finesse' | – | – | 1 | 0 | – | – | – | 0.2 | 0 | – |

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|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <i>Heliopsis helianthoides</i> var, <i>scabra</i> | 0.8 | 0.3 | 0.6 | 0 | 0 | 0.4 | 0.1 | 0.2 | 0 | 0 |
| <i>Achillea millefolium</i> | 0.8 | 0.3 | – | – | 0.8 | 0.2 | 0.1 | – | – | 0.3 |
| <i>Asarum europaeum</i> | 0.8 | – | 0 | – | 0 | 0.2 | – | 0 | – | 0 |
| <i>Potentilla megalantha</i> | 0.7 | – | 0.5 | – | – | 0.3 | – | 0.1 | – | – |
| <i>Lamium galeobdolon</i> 'Herman's Pride' | 0.5 | 0.5 | 0.2 | – | 0.1 | 0.1 | 0.1 | 0 | – | 0 |
| <i>Lamium galeobdolon</i> 'Golden brown' | – | 0.5 | – | – | – | – | 0.1 | – | – | – |
| <i>Lamium galeobdolon</i> 'Florentinum' | – | – | – | – | 0.1 | – | – | – | – | 0 |
| <i>Solidago canadensis</i> | 0.5 | 0 | 0.5 | 0 | 0 | 0.1 | 0 | 0.1 | 0 | 0 |
| <i>Cerastium tomentosum</i> 'Silberteppich' | 0.5 | 0 | 0 | – | 0 | 0.1 | 0 | 0 | – | 0 |
| <i>Sedum kamtschaticum</i> var, <i>ellacombianum</i> | 0.5 | – | 0.3 | – | – | 0.2 | – | 0.1 | – | – |
| <i>Lamium maculatum</i> | 0.5 | – | 0 | – | 0.5 | 0.1 | – | 0 | – | 0.2 |
| <i>Trollius chinensis</i> | 0.5 | – | – | – | 0.5 | 0.2 | – | – | – | 0.1 |
| <i>Anaphalis margaritae</i> 'Neuschnee' | 0.5 | – | – | – | – | 0.2 | – | – | – | – |
| <i>Arabis caucasica</i> | 0.5 | – | – | – | – | 0.1 | – | – | – | – |
| <i>Anaphalis triplinervis</i> | 0.5 | – | – | – | – | 0.1 | – | – | – | – |
| <i>Geranium sanguineum</i> 'Nanum' | 0.5 | – | – | – | – | 0.1 | – | – | – | – |
| <i>Agastache</i> 'Blue Fortune' | 0.2 | – | – | 0.5 | 0 | 0 | – | – | 0.1 | 0 |
| <i>Helenium autumnale</i> | 0.1 | 0 | 0.4 | 0.5 | 0 | 0 | 0 | 0.1 | 0.1 | 0 |
| <i>Monarda didyma</i> 'Cambridge Scarlet' | 0 | – | 0.5 | – | 0 | 0 | – | 0.1 | – | 0 |
| <i>Veronica prostrata</i> | 0 | – | – | – | 0.5 | 0 | – | – | – | 0.1 |
| <i>Dracocephalum grandiflorum</i> | – | – | – | – | 0.5 | – | – | – | – | 0.1 |
| <i>Veronica virginica</i> | 0 | – | 0 | 0 | 0.4 | 0 | – | 0 | 0 | 0.1 |
| <i>Euphorbia palustris</i> | 0.4 | – | – | – | – | 0.1 | – | – | – | – |
| <i>Geranium macrorrhizum</i> | 0.2 | – | 0.1 | – | 0.3 | 0.1 | – | 0 | – | 0.1 |
| <i>Senecio</i> sp, | 0.3 | 0 | 0 | 0 | – | 0.1 | 0 | 0 | 0 | – |
| <i>Thymus serpyllum</i> 'Albus' | 0.3 | – | 0.1 | – | – | 0.1 | – | 0 | – | – |
| <i>Epimedium x rubrum</i> | 0.3 | 0 | 0 | – | 0 | 0.1 | 0 | 0 | – | 0 |
| <i>Eupatorium purpureum</i> | 0.3 | – | – | 0 | – | 0.1 | – | – | 0 | – |
| <i>Eupatorium maculatum</i> 'Atropurpureum' | 0.3 | – | – | 0 | – | 0.1 | – | – | 0 | – |
| <i>Trollius</i> Cultorum group | 0.3 | – | – | – | 0 | 0.1 | – | – | – | 0 |
| <i>Ligularia wilsoniana</i> 'Hiisi' | 0.3 | – | – | – | – | 0.1 | – | – | – | – |
| <i>Ligularia x sibirica</i> 'Hietala' | 0.3 | – | – | – | – | 0.1 | – | – | – | – |
| <i>Geranium x magnificum</i> | 0.3 | – | – | – | – | 0.1 | – | – | – | – |
| <i>Ligularia x hessei</i> | 0.3 | – | – | – | – | 0.1 | – | – | – | – |
| <i>Geranium x cantabrigiense</i> | 0.2 | – | 0.3 | 0 | 0.1 | 0.1 | – | 0.1 | 0 | 0 |
| <i>Lysimachia punctata</i> | 0 | 0.3 | – | 0 | 0 | 0 | 0.1 | – | 0 | 0 |
| <i>Filipendula rubra</i> 'Venusta' | 0 | 0 | 0 | 0.3 | – | 0 | 0 | 0 | 0.1 | – |
| <i>Artemisia pontica</i> | 0 | 0 | – | – | 0.3 | 0 | 0 | – | – | 0.1 |
| <i>Bistorta officinalis</i> | 0 | – | 0 | 0.3 | 0.1 | 0 | – | 0 | 0.1 | 0 |
| <i>Anemonidium canadense</i> | 0.2 | 0 | – | – | – | 0 | 0 | – | – | – |
| <i>Galium odoratum</i> | 0.2 | – | 0 | – | – | 0 | – | 0 | – | – |
| <i>Hemerocallis</i> Hybrida group | 0 | – | 0.2 | 0 | 0 | 0 | – | 0 | 0 | 0 |
| <i>Stachys macrantha</i> 'Superba' | 0.2 | – | 0 | – | 0 | 0 | – | 0 | – | 0 |
| <i>Hemerocallis fulva</i> 'Sirkkku' | 0 | – | 0.2 | 0 | 0 | 0 | – | 0 | 0 | 0 |
| <i>Aruncus aethusifolius</i> | – | – | – | – | 0.2 | – | – | – | – | 0 |
| <i>Waldsteinia ternata</i> | 0.1 | – | 0 | – | 0 | 0 | – | 0 | – | 0 |
| <i>Iris orientalis</i> | 0.1 | – | – | – | 0 | 0 | – | – | – | 0 |