

# Culture Guide

## Genus

|                            | Optimal Planting Time |        | Retail Sales Window |        |      | Moisture in Production |         |            | Requires Shade in Production | Vernalization Required for Bloom | Vernalization Beneficial |
|----------------------------|-----------------------|--------|---------------------|--------|------|------------------------|---------|------------|------------------------------|----------------------------------|--------------------------|
|                            | Late Summer-Fall      | Spring | Spring              | Summer | Fall | Low                    | Average | Consistent |                              |                                  |                          |
| Acanthus                   |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Achillea                   |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Actaea                     |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Agastache                  |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Ajuga                      |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Alchemilla                 |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Allium                     |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Amsonia                    |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Antennaria                 |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Antirrhinum                |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Aquilegia                  |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Asclepias tuberosa         |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Asclepias incarnata        |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Aster                      |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Bergenia                   |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Brunnera                   |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Calamintha                 |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Callirhoe                  |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Campanula                  |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Caryopteris                |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Centranthus                |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Ceratostigma               |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Chelone                    |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Coreopsis                  |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Dalea purpurea             |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Dianthus carthusianorum    |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Dianthus gratianopolitanus |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Diervilla                  |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Echinacea                  |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Erigeron                   |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Eriogonum                  |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Eryngium yuccifolium       |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Eupatorium                 |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Ferns                      |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |

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| Galium                                            |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Gaura                                             |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Geum triflorum                                    |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Geranium                                          |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Gillenia                                          |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Grass-Andropogon                                  |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Grass-Calamagrostis                               |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Grass-Carex flacca, C. rosea, and C. pensylvanica |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Grass-Carex morrowii                              |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Grass-Panicum                                     |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Grass-Schizachyrium                               |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Grass-Sesleria                                    |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Grass-Sporobolus                                  |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Helenium                                          |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Helianthus                                        |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Heliopsis                                         |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Heuchera                                          |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Heucherella                                       |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Hydrangea arborescens                             |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Iris cristata, I. versicolor                      |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Kalimeris                                         |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Kirengeshoma                                      |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Lavandula                                         |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Leontopodium                                      |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Lespedeza                                         |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Leucanthemum                                      |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Liatris ligulistylis, L. microcephala             |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Limonium                                          |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Lobelia                                           |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Lysimachia                                        |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Monarda                                           |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Nepeta                                            |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Oenothera                                         |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Origanum                                          |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |

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| Packera                      |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Penstemon                    |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Perovskia                    |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Persicaria                   |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Phlox hybrids                |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Phlox <i>divaricata</i>      |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Phlox <i>paniculata</i>      |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Polemonium                   |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Pulmonaria                   |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Pycnanthemum                 |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Rudbeckia                    |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Salvia <i>koyamae</i>        |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Salvia                       |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Sanguisorba                  |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Scutellaria                  |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Sedum                        |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Sisyrinchium                 |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Solidago                     |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Stachys                      |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Stachys <i>byzantina</i>     |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Stylophorum                  |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Tanacetum                    |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Teucrium                     |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Thymus                       |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Tiarella                     |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Tricyrtis                    |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Verbena <i>bonariensis</i>   |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Verbena <i>hastata</i>       |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Vernonia                     |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Veronica (groundcover types) |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Veronica (upright types)     |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Veronicastrum                |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |
| Zizia                        |                       |        |                     |        |      |                        |         |            |                              |                                  |                          |

\*Many perennials, including spring bloomers, perform better when planted in late summer/fall prior to allow time for bulking and root development, but may be grown in spring as well.

\*All plants require consistent moisture until they begin to root into the container. Moisture in production relates to what the plants typically need after rooting is sufficient.