

## Seedling Planning for Planting Schedule

Community pots are an excellent way to grow native plants from seed and keep your plants protected from the elements while they are particularly vulnerable. Through our Bona Terra Plant Grant, we aim to bring native seedlings to our community in our effort to help support our local ecosystems. This guide gives Bona Terra Plant Grantees a schedule of the best times to pick-up each species, when you can plant directly in the ground, and when it is advised to plant in containers.

This guide is an extension to and companion of the **Bona Terra Seedling Division Guide**:

<https://bonaterradc.com/wp-content/uploads/2024/10/Bona-Terra-General-Seedling-Division-Guide.pdf>. The data derived is a result of Bona Terra's environmental growing standards, which may differ from growers in other regions and other local growers using different nursery practices. The data set listed below is most relevant when applied using the techniques described in the **Bona Terra Seedling Division Guide**.

It is important to remember that plants grow at different rates throughout the year, and not all species are necessarily at their peak growing periods at the same time. We often hear people saying that they are going to wait to pick up their seeded quarts "when they're all ready." This time doesn't exist, and often waiting longer to pick-up the seeded quarts results in the seedling division taking much longer than picking up species as they become available. Adjust your scheduling expectations if you're interested in the highest planting success rates possible. The difference between dividing the seedlings at their ideal time versus when they are overgrown can result in additional hours of seedling division for fewer individual plants.

### Glossary of Terms

Best time to pick up: This is when the seedlings first become available, and are the easiest to separate. You will have the highest number of individual plants, and as the plants tend to be in an active stage of growth, you will have a higher success rate and faster growing period.

Best time for direct to ground planting: This is the time that this species is at its peak growing period, with the highest success rate for planting in ground.

Good time for direct to ground planting: This is still a good time for direct-to-ground planting. This species may need more monitoring (1-3 times a week) for consistent soil moisture typically due to higher air temperatures that increase the plants' need for water.

Okay time for direct to ground planting: This species can be planted at this time, but expect to have to take more care to plant at the proper depth when dividing and planting, and expect a reduced success rate.

Do not divide: It is not advised to divide community pots of this species at this time. If you already have your community pot, leave the plants in the container and push mulch around the sides to insulate. Wait for an "okay time to plant" before dividing.

Container planting is advised: Direct to ground planting is always best: containers do not help plants grow as they restrict root growth and plant size. The sole purpose of containers is to make plants portable. At this time of year, when you divide the plants, you may damage the roots causing an imbalance of how much water the plants need and how much water the roots can take up. We advise using containers so you can move your plants into the shade temporarily, thus reducing its water needs while repairing roots damaged during division. This process typically takes 3-14 days. Once they are healed-in and able to be taken out of the containers without damaging the roots, your plants will be happiest planted in the ground.

Need more data: We are still collecting data about this species.

### Key

Green	Best time for direct to ground planting (90-100% success rate)
Light Green	Good time for direct to ground planting (80-90% success rate)
Yellow	Okay time for direct to ground planting (80-20% success rate)
Red	Do not divide (<20% success rate)
Black	Container planting is advised
Grey	Need more data

Herbaceous Species		Best time to pick up	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Notes
Species	Common Name		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	
<i>Achillea millefolium</i> LE	Yarrow	May													
<i>Ageratina altissima</i> LE	White Snakeroot	April-June													
<i>Agrimonia striata</i> LE	Roadside Agrimony	May-June													
<i>Amsonia tabernaemontana</i> var. <i>salicifolia</i>	Willow Bluestar	June													
<i>Apocynum cannabinum</i>	Dogbane	June													
<i>Aquilegia canadensis</i>	Red Columbine	May													
<i>Asclepias incarnata</i>	Swamp Milkweed	May													
<i>Asclepias syriaca</i> LE	Common Milkweed	May													
<i>Asclepias tuberosa</i>	Butterfly Milkweed	May													
<i>Asclepias verticillata</i>	Whorled Milkweed	May													
<i>Baptisia australis</i>	Blue False Indigo	May-Aug													
<i>Baptisia tinctoria</i>	Yellow Wild Indigo	May													
<i>Bidens aristosa</i> LE	Swamp Marigold	May-June													

Boltonia asteroides	False Aster/Susquehanna Dolls Daisy	April-June	Dark Green	Dark Green	Dark Grey	Dark Green	Dark Green	Dark Green	Dark Green	
Chamaecrista fasciculata LE	Partridge Pea	April-June	Yellow	Yellow	Light Green	Dark Green	Yellow	Yellow	Yellow	
Chelone glabra	White Turtlehead	May-Aug	Yellow	Light Green	Dark Grey	Dark Grey	Light Green	Light Green	Yellow	
Chrysopsis mariana LE	Maryland Goldenaster	May-Sept	Yellow	Light Green	Dark Grey	Dark Grey	Light Green	Light Green	Yellow	
Clinopodium vulgare	Wild Basil	April-Oct	Yellow	Dark Green	Light Green	Dark Grey	Light Green	Dark Green	Yellow	
Conoclinium coelestinum LE	Blue Mistflower	April-Aug	Red	Dark Green	Dark Green	Dark Green	Red	Red	Red	
Coreopsis lanceolata	Lanceleaf Coreopsis	April-Sept	Yellow	Dark Green	Dark Grey	Dark Grey	Yellow	Yellow	Yellow	
Coreopsis tripteris	Tall Coreopsis	May-Oct	Dark Green	Dark Green	Dark Grey	Dark Grey	Dark Green	Dark Green	Dark Green	
Desmodium canadense LE	Showy Ticktrefoil	May-Oct	Dark Green	Dark Green	Dark Grey	Dark Grey	Dark Green	Dark Green	Dark Green	
Echinacea purpurea	Purple Coneflower	April-Nov	Yellow	Dark Green	Dark Grey	Dark Grey	Yellow	Yellow	Yellow	
Eryngium yuccifolium	Rattlesnake Master	May-April	Light Green	Dark Green	Dark Grey	Dark Grey	Light Green	Light Green	Light Green	
Eupatorium altissimum	Tall Boneset/Giant Ironweed									
Eupatorium capillifolium LE	Dogfennel	May-April	Dark Green	Dark Green	Dark Grey	Dark Grey	Dark Green	Dark Green	Dark Green	
Eupatorium hyssopifolium LE	Hyssop-leaved Thoroughwort									
Eupatorium perfoliatum	Common Boneset									
Eupatorium rotundifolium LE	Roundleaf Thoroughwort	May-Sept	Yellow	Yellow	Dark Green	Dark Grey	Dark Green	Light Green	Yellow	
Eupatorium serotinum LE	Late Boneset	May-Oct	Yellow	Dark Green	Dark Grey	Dark Grey	Light Green	Light Green	Yellow	
Euphorbia corollata	Flowering Spurge	May-June	Red	Dark Green	Dark Grey	Dark Grey	Light Green	Red	Red	
Eurybia divaricata	White Wood Aster	April-May	Yellow	Dark Green	Dark Grey	Dark Grey	Dark Green	Yellow	Yellow	
Euthamia graminifolia	Flat-Top Goldenrod	May-April	Dark Green	Dark Green	Dark Grey	Dark Grey	Dark Green	Dark Green	Dark Green	
Eutrochium fistulosum LE	Hollow Joe Pye Weed	May-Sept	Red	Light Green	Dark Grey	Dark Grey	Light Green	Light Green	Red	
Eutrochium maculatum LE	Spotted Joe Pye Weed	May-Sept	Red	Light Green	Dark Grey	Dark Grey	Light Green	Light Green	Red	
Eutrochium purpureum LE	Purple Joe Pye Weed	May-Sept	Red	Light Green	Dark Grey	Dark Grey	Light Green	Light Green	Red	





Tree and Shrub Species																
Species	Common Name	Best time to pick up	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Notes	
<i>Amorpha fruticosa</i>	False Indigobush	May-April														
<i>Callicarpa americana</i>	Beautyberry	June-May														
<i>Cephalanthus occidentalis</i>	Buttonbush	May-April														
<i>Hydrangea arborescens</i> LE	Smooth Hydrangea	May-April														
<i>Hypericum prolificum</i>	Shrubby St. John's Wort	May-April														
<i>Sambucus canadensis</i>	Elderberry	April-Mar														
<i>Spiraea alba</i>	White Meadowsweet	May-April														
<i>Spiraea tomentosa</i>	Steeplebush	May-April														
Grass and Sedge Species																
Species	Common Name	Best time to pick up	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Notes	
<i>Andropogon virginicus</i> LE	Broom Sedge	May-April														
<i>Chasmanthium latifolium</i>	River Oats	May-April														
<i>Eragrostis spectabilis</i>	Purple Lovegrass	June-Sept														
<i>Panicum anceps</i> LE	Beaked Panicum Grass	May-April														
<i>Panicum virgatum</i>	Switchgrass	May-April														
<i>Schizachyrium scoparium</i>	Little Bluestem	May-April														
<i>Sorghastrum nutans</i>	Gold Spray															
<i>Tridens flavus</i> LE	Purpletop	May-April														