

Culture Sheet: *Technical Information for Growers*

Name: *Chelone lyonii*, *Chelone glabra*

Common name: turtlehead

Scheduling Information

Available sizes: 72, 50, LP50

Sales Window: year-round

Plug size	72	50
Finish size	Trade 1 gal	Trade 1 gal
Weeks to finish	8-10	6-10
When to plant	Late fall, Spring	Winter, spring

Growing on to Finish

Media:	Professional potting media
pH:	5.6-6.4
EC:	1.0-2.0
Irrigation:	Prefers soil kept evenly moist – keep at level 3. Never allow plant to fully dry or plant may get leaf tip burn
Fertilizer:	Medium feed level 100-200ppm 1-2 times a week
Light:	Supplemental lighting not required, natural daylength is all that is needed for bulking. Flowering is obligate long day.
Temperature:	Growing: 65-75F days/ 55-65F nights Holding: 65+F
Pest & Disease:	Spider mites, caterpillars on both and thrips on flowerheads of <i>Chelone glabra</i> No real disease issues, occasionally powdery mildew can arise
Vernalization:	Yes, vernalization beneficial. Chill containers 14 weeks around 41F
Pinching:	Trim shortly after planting to encourage branching

Grower Tips:

- *Chelone* requires vernalization to flower. Purchasing pre-vernalized plugs in spring or ordering plugs in fall to bulk and then place in a protected greenhouse for overwintering will allow plants to be ready earlier for green spring sales.
- Slow to break dormancy. Provide a consistent warm greenhouse 65+ Do not allow crops to experience cold temps when breaking dormancy, crop will go into a second dormant state.
- PGRs found to be ineffective at height management

Disclaimer: Cultural information is provided as a guide only. North Creek Nurseries does not guarantee the exact results, as growth and finish times may vary depending upon your location, climate, cultural practices and other influences. Always check manufacturers' labels for approved rates and usage instructions when applying fertilizer or other chemicals.

Sources: Production team notes, Department of Horticulture Michigan State University, Emerald Coast Growers, Perennial Solutions by Paul Pilon



388 North Creek Road
Landenberg, PA 19350
Tel.: (610) 255-0100
Toll Free: (877) ECO-PLUG
Fax: (610) 255-4762
info@northcreeknurseries.com