

Nursery Crops Suggested for the Plateau

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The species and cultivars of these ornamentals should be considered for production on the Plateau. The list is not conclusive. It has been estimated that conifers will do about 30% better in the Plateau environment (cooler nights), than in the valley. The Plateau is approximately 1900' and the valley is approximately 900' elevation.

Seed should be collected or purchased in the north, whenever possible, to ensure reliably cold hardy plants when shipped back north.

Conifers include arborvitae, juniper, pine, spruce, hemlock, yew, etc. Production alone does not guarantee a sale, a market or a good check. A certain amount of marketing and business management will be required beyond all of the potential production and labor problems.

* Spruce Norway, White, Colorado	<i>Picea</i>
Hemlock ¹	<i>Tsuga canadensis</i>
*Arborvitae ² Green Giant , Dark green or Nigra, pyramidal, Emerald, Techny, Globe	<i>Thuja</i>
*Pine: white, scotch, mugo, Virginia, Jap. Black	<i>Pinus</i>
*Junipers Eastern red cedar ; in addition to several varieties and cultivars	<i>Juniperus</i>
*Japanese Cedar Zones 5-8; 'Yoshino' cultivar is one of best	<i>Cryptomeria japonica</i>
* Yews , but deer will browse	<i>Taxus</i>
*Conifer seedlings (pine, hemlock , spruce)	
*American holly Greenleaf is a good cultivar to consider	<i>Ilex opaca</i>
*Winterberry Winter Red, Dwarf Red Sprite, Sparkleberry	<i>Ilex verticillata</i>
*Deciduous holly / Possumhaw Warren Red	<i>Ilex decidua</i>
*Sugar Maple Green Mountain, Legacy	<i>Acer saccharum</i>

- *Red maple *Acer rubrum*
Autumn Blaze, Autumn Flame, Brandywine, Fairview Flame, Red Sunset, October Glory, Somerset, Sun Valley. Ask for latest cultivars. Valley raises them in large numbers.
- *Deciduous azaleas *Rhododendron*
- *Serviceberry or sarvis *Amelanchier*
Shadblow, Allegheny, Cumlus, Majestic, Autumn Brilliance, Princess Diana, Robin Hill
- *Sourwood *Oxydendrum arboreum*
- *Sweet shrub *Calycanthus floridus*
- *Yellowwood, American *Cladrastis kentukea (lutea)*
- Burning bush *Euonymus alatus 'Compacta'*
Demand will diminish over time; as burning bush is added to the noxious or invasive plant list of several states.
- *Native wildflowers // perennials
- *Various groundcovers

- Beech, American *Fagus grandifolia*
- Beech, European *Fagus sylvatica*
- Boxwood, consider the new cultivars also *Buxus*
- Crabapple, the newer disease resistant cultivars *Malus*
- Dwarf conifers (hemlock, pine, spruce)
- Honeylocust *Gleditsia triacanthos var. inermis*
- Black locust/common locust/yellow locust *Robinia pseudoacacia*
- Kentucky Coffeetree *Gymnocladus dioica*
- Black maple *Acer nigrum*
- Sycamore maple *Acer pseudoplatanus*
- Mountain laurel *Kalmia latifolia*
- Paulownia/Empress/Princess/Royal P. *Paulownia tomentosa*
- Pieris jap. *Pieris*
- Redbud *Cercis canadensis*
- Rhododendron *Rhododendron*

Avoid pin oak, Jap. maple, dogwood (except Appalachian Spring), because it is only one resistant to the *Distula* Anthracnose fungus that is present.

* Slightly better than the rest for consideration.

- 1) Hemlock sales will be significantly reduced when the Hemlock Woolly Adelgid arrives in the county. Begin considering and planting a few alternatives to test the market. Spruce might be the first alternative. Green Giant Arborvitae might be second alternative. The pines, junipers, hollies (Greenleaf and Foster #2), yews and other arborvitae would be next in no order. Do not consider Leyland Cypress (it does not handle drought, heat or cold stress well).
- 2) The valley raises a lot of arborvitae.

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