

Wildflower



native plant nursery • mason, michigan • 2012 catalog



Euphorbia corollata



Actaea pachypoda



Sporobolus heterolepis

WILDTYPE specializes in growing plants native to Michigan, from Michigan genotypes. We grow trees, shrubs, emergent wetland plants, grasses and wildflowers typical of Michigan woodlands, wetlands and prairies. It is our objective to propagate nursery stock with enough genetic diversity to create self-sustaining populations. Therefore, the vast majority of our plants are grown from wild seed stock. This is what we mean when we say our plants are **borne to be wild.**

Wildtype also provides ecological services for public, commercial and residential projects focusing on restoration and preservation of native landscapes. Please see page 10 for further details.

Availability changes daily throughout the season. Many species that sell out early are replenished in summer and fall. Please call and we would be happy to fax or email you a copy of our current inventory. More than 250 species will be available this season, although not all of them are listed in this catalog. Contact us if there are species you are interested in but do not see in the catalog. We may be growing them!

WE ACCEPT:



WILDTYPE is a member of the Michigan Native Plant Producers Association and the Michigan Nursery & Landscape Association

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Terms, discounts and wholesale prices.

Retail purchases of \$500 or more will be discounted 10%. Prices are subject to change without notice. We accept cash, checks, Visa or MasterCard. Payment due at time of sale. Truck deliveries can be arranged and are billed hourly. All other orders need to be picked up at the nursery on a regular sale day or by appointment. **Commercial customers should download a wholesale price list. Click on sales at the top of the page, then click on wholesale information.**

We guarantee that all plants we carry are from documented Michigan genotypes (unless otherwise noted), and are identified correctly. We also guarantee that the plants you buy are healthy and in good condition when they leave the nursery.

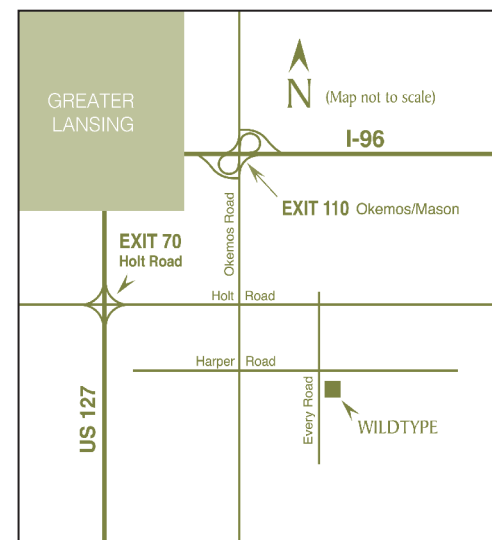
No other guarantees are expressed or implied. If a problem is encountered once you bring these plants home please contact us immediately.

Retail Hours in 2012. We will be open Saturday and Sunday, May 12 & 13, 19 & 20, and 26 & 27. Please come and shop again Saturday and Sunday August 25 & 26. **Our sale day hours are always 11 AM to 4 PM.**

WILDTYPE Design, Native Plants & Seed LTD, 900 North Every Road, Mason, MI 48854
phone: (517) 244-1140 • fax: (517) 244-1142
email: wildtype@msu.edu • URL: wildtypeplants.com

Remember you can order plants anytime and pick them up at a prearranged time convenient for you. If you would like to browse or need assistance please come to one our retail days—we will be staffed to help you.

We are located 14 miles southeast of Michigan State University. **From I-96:** Exit 110 Okemos / Mason; south on Okemos Rd. 2.7 miles; left on Holt Rd. 2.5 miles; right on Every Rd. 2.4 miles. **From US 127:** Exit 70 Holt Rd.; east on Holt Rd. 4.8 miles; turn right on Every Rd. 2.4 miles; **We are the first farm on the left past Harper Rd.**





Ilex verticillata



Helianthus autumnale



Phlox divaricata

our growing guide

When using the growing guide on the following pages please keep in mind that it lists horticultural tolerances, which in most cases indicate broader site adaptability than one might observe in nature. Where a plant typically is found growing in its native habitat is not always indicative of how well it would grow in cultivation or in a restoration setting. Also note that all native plants have wildlife value. We have noted in the guide only plants that are particularly or specifically attractive to birds or butterflies.

Please keep in mind that the plants do not read the books or surf the web – use this guide as a very general reference.

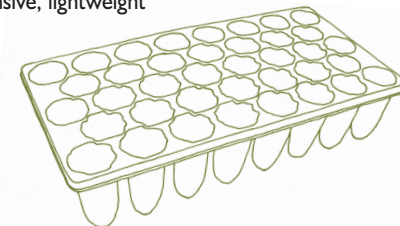
key to letter codes

- A** = annual
- AS** = **acidic soils** required
- B** = provides seed, fruit or nectar for **birds**
- BI** = **biennial**
- CM** = **consistent moisture** means that the site should never dry out completely
- D** = **dioecious** meaning individual plants are either male or female
- EF** = **edible fruit**
- FC** = **fall color**
- GC** = **groundcover**
- LB** = **long bloom period**
- LH** = **larval host** for butterflies. (See *our website* for a comprehensive list of larval host plants.)
- N** = plant that provides **nectar** for butterflies
- NC** = These plants are **not competitive** when combined with other plants - they are easily out competed without regular disturbance or thinning of other plants.
- not a MI genotype** = seed not of Michigan origin
- O** = **opportunistic** native plants colonize aggressively without competition. We reserve the term invasive for non-native species that uncouple the ecological process of the ecosystems they invade.
- PP** = these plants attract **pollinators** and/or **predatory** (beneficial) insects. (see <http://nativeplants.msu.edu/publications.htm>)
- RR** = **readily re-seeds**
- S** = **spreads** by underground suckers
- TH** = **thorny**
- V** = **vine**
- WD** = needs **well drained** soils

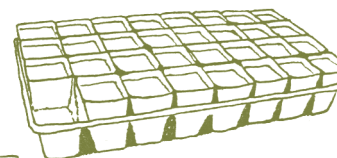
container specifications

Landmark™ 38 cell plug flats – This is our standard and most popular plug flat. They are sold as full flats (not individually) containing only one species. We grow a limited number of woody plants in these plug flats as well, which can be purchased individually. They are inexpensive, lightweight and easy to move around on site.

- Individual plugs - 2.25" x 4.75" deep*
- Plug flat - 10.75" x 21"*
- Soil volume/plug - 12.10 cu. in.*
- Each flat is 1.6 square feet*



2" pots in 32 pot trays – We grow a wide variety of wildflowers and grasses in these pots early in the season. These containers are sold individually which allows customers to mix and match their selections at an economical price.

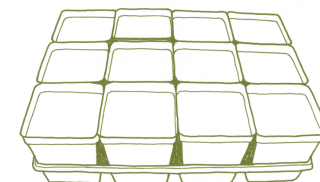


- Individual pot - 2" x 2" x 3" deep*
- Flat - 9" x 18"*
- Soil volume/pot - 10 cu. in.*
- Each flat is 1.2 square feet*



Landmark™ deep & shallow quart containers – These are our standard, large perennial containers. Quarts are sold individually or by the flat. We generally do not stock large numbers of individuals so if you anticipate the need for hundreds or thousands of a particular species, please give us advance notice.

- Deep quarts – 4" x 4" x 5" deep*
- Shallow quarts – 4" x 4" x 3.75" deep*
- Soil volume/deep quart - 66.6 cu. in.*
- Soil volume/shallow quart - 48.8 cu. in.*
- Quart flat – 16.75" x 12.5"*
- Each flat is 1.5 square feet*



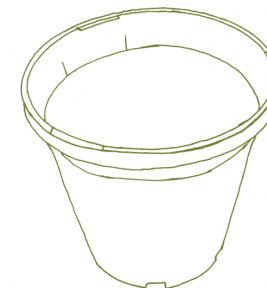
Trade gallon containers – This container is used primarily for woody material. Although we can grow most perennials in gallons, we believe quarts and plugs are a far better value. Our experience has demonstrated that a plug and a gallon container, of the same species, planted in the spring will be equal in size in most cases by the following season.

Woody plants grown in these gallons vary greatly in height individually and by species. Most species range from 2'-3' tall.

- 1-Gallon – 6.5" diameter; 6.75" height*
- Soil volume/pot - 152 cu. in.*
- Allow 0.4 square feet for each gallon*

5 Gallon (not pictured) –

- Allow 1.5 square feet for each 5 gallon*
- Soil volume/pot - 1000 cu. in.*



wildflowers

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Lobelia siphilitica



Aster macrophyllus



Helianthus strumosus

| PLANT NAME | | POT SIZE/PRICE | | | | FLOWERS | | SUN | | | SIZE | | | MOISTURE | | NOTES |
|-------------------------------------|----------------------------|----------------|--------|--------|--------|-------------|---------|------|------|-----|--------|-----|-----|----------|---------------------------|-------|
| Scientific | Common | 38 cell tray | 2" pot | quart | gallon | color | time | full | part | shd | height | dry | ave | wet | (see page 2 for code key) | |
| <i>Achillea millefolium</i> | Yarrow | \$52.00 | \$3.00 | \$4.95 | | White | Jun-Aug | x | | | 2'-3' | x | x | | RR | |
| <i>Actaea pachypoda</i> | White Baneberry | | \$3.75 | \$5.45 | | White | May | | x | x | 1'-2' | | x | | | |
| <i>Actaea rubra</i> | Red Baneberry | | \$3.75 | \$5.45 | | White | May | | x | x | 1'-2' | | x | | | |
| <i>Agalinis purpurea</i> | Purple Gerardia | \$52.00 | \$3.00 | \$4.95 | | Purple | Aug-Sep | x | | | 1'-2' | | | x | A,CM,LH | |
| <i>Agalinis tenuifolia</i> | Common Gerardia | \$52.00 | \$3.00 | \$4.95 | | Purple | Aug-Sep | x | | | 1'-2' | | | x | A,CM,LH | |
| <i>Agastache nepetoides</i> | Yellow Giant Hyssop | \$52.00 | \$3.00 | \$4.95 | | Yellow | Jul-Sep | | x | x | 2'-4' | | x | x | PP | |
| <i>Agastache scrophulariaefolia</i> | Purple Giant Hyssop | \$52.00 | \$3.00 | \$4.95 | | Purple | Aug-Sep | x | x | | 3'-5' | | x | | | |
| <i>Alisma subcordatum</i> | Water-Plantain | \$52.00 | | | | White | Jul-Aug | x | | | 1'-3' | | | x | See pages 11 & 12 | |
| <i>Allium cernuum</i> | Nodding Wild Onion | \$52.00 | \$3.00 | \$4.95 | | Pink | Jul-Aug | x | x | | 1'-2' | | x | | | |
| <i>Anemone canadensis</i> | Canada Anemone | | \$3.75 | \$5.45 | | White | May-Jul | x | x | | 1'-2' | | x | x | O | |
| <i>Anemone virginiana</i> | Thimbleweed | \$52.00 | \$3.00 | \$4.95 | | White | Jun-Jul | x | x | | 2'-4' | | x | x | | |
| <i>Angelica atropurpurea</i> | Angelica | \$52.00 | | \$5.45 | \$7.95 | White | May-Jun | x | x | | 4'-9' | | x | x | LH | |
| <i>Apocynum cannabinum</i> | Indian Hemp | \$52.00 | | \$4.95 | | White | Jun-Aug | x | | | 3'-4' | | x | | N, S | |
| <i>Aquilegia canadensis</i> | Columbine | \$52.00 | \$3.00 | \$4.95 | | Red/Yellow | May-Jul | x | x | x | 1'-3' | | x | | LH, B | |
| <i>Aralia racemosa</i> | Spikenard | \$52.00 | \$3.00 | \$4.95 | | White | Jun-Aug | x | x | x | 3'-6' | | x | | | |
| <i>Arisaema dracontium</i> | Green Dragon | | \$3.75 | | | Green | May-Jun | | x | x | 1'-3' | | x | x | D | |
| <i>Arisaema triphyllum</i> | Jack-in-the-Pulpit | | \$3.75 | | | Green | May-Jun | | x | x | 1'-3' | | x | | D | |
| <i>Asarum canadense</i> | Wild Ginger | | \$3.75 | \$5.45 | | Brown | May | | x | x | .5' | | x | | GC | |
| <i>Asclepias incarnata</i> | Swamp Milkweed | \$52.00 | \$3.00 | \$4.95 | | Pink | Jul-Aug | x | x | | 3'-4' | | x | x | LH, N | |
| <i>Asclepias syriaca</i> | Common Milkweed | \$52.00 | \$3.00 | \$4.95 | | Pink | Jun-Aug | x | | | 3'-4' | | x | x | LH, N, S | |
| <i>Asclepias tuberosa</i> | Butterfly Weed | \$52.00 | \$3.00 | \$4.95 | | Orange | Jun-Jul | x | | | 1'-3' | | x | x | LH, N | |
| <i>Asclepias verticillata</i> | Whorled Milkweed | \$52.00 | \$3.00 | \$4.95 | | White | Jun-Aug | x | | | 1'-2' | | x | x | LH, N | |
| <i>Aster cordifolius</i> | Heart-Leaved Aster | \$52.00 | \$3.00 | \$4.95 | | Blue-Violet | Aug-Sep | | x | x | 1'-3' | | x | x | RR,LH, N | |
| <i>Aster laevis</i> | Smooth Aster | \$52.00 | \$3.00 | \$4.95 | | Lavender | Aug-Oct | x | | | 2'-4' | | x | x | LH, N | |
| <i>Aster macrophyllus</i> | Big Leaf Aster | \$52.00 | \$3.00 | \$4.95 | | Violet | Jul-Aug | | x | x | 1'-3' | | x | x | LH, N | |
| <i>Aster novae-angliae</i> | New England Aster | \$52.00 | \$3.00 | \$4.95 | | Purple | Sep-Oct | x | | | 3'-6' | | x | x | RR, LH, N | |
| <i>Aster oolentangiensis</i> | Prairie Heart-Leaved Aster | \$52.00 | \$3.00 | \$4.95 | | Blue | Aug-Sep | x | x | | 2'-3' | | x | x | LH, N | |
| <i>Aster puniceus</i> | Swamp Aster | \$52.00 | \$3.00 | \$4.95 | | Pale-Blue | Aug-Oct | x | x | | 3'-5' | | x | x | LH, N | |
| <i>Aster sagittifolius</i> | Arrow-Leaved Aster | \$52.00 | \$3.00 | \$4.95 | | White | Aug-Sep | | x | | 2'-3' | | x | x | LH,N | |
| <i>Aster shortii</i> | Short's Aster | \$52.00 | \$3.00 | \$4.95 | | Blue | Aug-Sep | x | | | 2'-4' | | x | | LH,N | |
| <i>Aster umbellatus</i> | Tall Flat-Top White Aster | \$52.00 | \$3.00 | \$4.95 | | White | Aug-Sep | x | x | | 2'-4' | | x | x | LH,N | |
| <i>Baptisia tinctoria</i> | Wild Indigo | \$52.00 | \$3.75 | | | Yellow | Jun-Aug | x | | | 2'-3' | | x | | LH | |
| <i>Caulophyllum thalictroides</i> | Blue Cohosh | | | \$5.45 | | Yellow | May | | x | x | 1'-2' | | x | | | |
| <i>Cacalia atriplicifolia</i> | Pale Indian Plantain | \$52.00 | \$3.00 | \$4.95 | | White | Jul-Aug | x | | | 3'-5' | | x | | | |
| <i>Campanula americana</i> | Tall Bellflower | \$52.00 | \$3.00 | \$4.95 | | Blue | Jul-Aug | | x | x | 3'-5' | | x | | | |
| <i>Campanula rotundifolia</i> | Harebell | \$52.00 | \$3.00 | \$4.95 | | Blue | Jun-Aug | x | | | 1'-2' | | x | x | NC | |
| <i>Chelone glabra</i> | Turtlehead | \$52.00 | \$3.00 | \$4.95 | | White | Aug-Sep | x | x | | 3'-5' | | x | x | LH | |
| <i>Cirsium muticum</i> | Swamp Thistle | \$52.00 | \$3.00 | \$4.95 | | Purple | Jul-Sep | x | x | | 4'-8' | | | x | LH,N | |
| <i>Coreopsis lanceolata</i> | Sand Coreopsis | \$52.00 | \$3.00 | \$4.95 | | Yellow | Jun-Aug | x | | | 1'-2' | | x | x | RR, B, LB,N | |
| <i>Coreopsis tripteris</i> | Tall Tickseed | \$52.00 | \$3.00 | \$4.95 | | Yellow | Jul-Sep | x | x | | 4'-7' | | x | | RR, B, N | |
| <i>Desmodium canadense</i> | Showy Tick Trefoil | \$52.00 | \$3.00 | \$4.95 | | Pink | Jul-Aug | x | x | | 3'-4' | | x | | LH | |
| <i>Desmodium glutinosum</i> | Pt.-Leaved Tick-Trefoil | \$52.00 | \$3.00 | \$4.95 | | Purple | Jul-Aug | x | x | | 1'-3' | | x | | | |
| <i>Dioscorea villosa</i> | Wild Yam | | \$3.00 | \$4.95 | | White | Jun-Jul | x | x | | | | x | | V | |



wildflowers

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| PLANT NAME | | POT SIZE/PRICE | | | | FLOWERS | | SUN | SIZE | MOISTURE | NOTES |
|---------------------------------|--------------------------|------------------|--------|--------|--------|----------|---------|---------------|--------|-------------|---------------------------|
| Scientific | Common | 38 cell tray | 2" pot | quart | gallon | color | time | full part shd | height | dry ave wet | (see page 2 for code key) |
| <i>Echinacea pallida</i> | Pale Purple Coneflower | \$52.00 | \$3.00 | \$4.95 | | Purple | Jul-Aug | x | 2'-4' | x x | not a MI genotype |
| <i>Echinacea purpurea</i> | Purple Coneflower | \$52.00 | \$3.00 | \$4.95 | | Purple | Jun-Aug | x | 3'-4' | x x | not a MI genotype, N |
| <i>Eryngium yuccifolium</i> | Rattlesnake-Master | \$52.00 | \$3.00 | \$4.95 | | White | Sep-Oct | x | 2'-4' | x | N |
| <i>Eupatorium maculatum</i> | Joe-Pye Weed | \$52.00 | \$3.00 | \$4.95 | | Pink | Jul-Aug | x x | 4'-5' | x x | N |
| <i>Eupatorium perfoliatum</i> | Boneset | \$52.00 | \$3.00 | \$4.95 | | White | Jul-Sep | x x | 3'-5' | x x | N, RR |
| <i>Eupatorium purpureum</i> | Joe-Pye Weed | \$52.00 | \$3.00 | \$4.95 | | Pink | Jul-Sep | x x | 4'-6' | x x | N |
| <i>Eupatorium rugosum</i> | White Snakeroot | \$52.00 | \$3.00 | \$4.95 | | White | Jul-Sep | x x | 2'-4' | x | N |
| <i>Euphorbia corollata</i> | Flowering Spurge | \$52.00 | \$3.00 | \$4.95 | | White | Jul-Sep | x | 2'-4' | x | |
| <i>Euthamia graminifolia</i> | Grass-Leaved Goldenrod | \$52.00 | \$3.00 | \$4.95 | | Yellow | Jul-Sep | x x | 3'-4' | x x | |
| <i>Filipendula rubra</i> | Queen-of-the-Prairie | | | | \$7.95 | Pink | Jul-Aug | x | 3'-6' | x | O, S, not a MI genotype |
| <i>Fragaria virginiana</i> | Wild Strawberry | \$52.00 | \$3.00 | | | White | Apr-May | x x x | .5'-1' | x x | GC, EF, LH |
| <i>Gentiana andrewsii</i> | Bottle Gentian | | \$3.75 | | | Blue | Aug-Oct | x x | 1' | x | CM |
| <i>Geranium maculatum</i> | Wild Geranium | \$52.00 | \$3.75 | \$5.45 | | Pink | May-Jun | x x x | 1'-2' | x | |
| <i>Geum triflorum</i> | Prairie Smoke | | \$3.75 | | | Pink | May-Jun | x x | .5'-1' | x | NC |
| <i>Gnaphalium obtusifolium</i> | Sweet Everlasting | \$52.00 | \$3.00 | | | White | Aug-Sep | x | 1'-2' | x | LH, A |
| <i>Helenium autumnale</i> | Sneezeweed | \$52.00 | \$3.00 | \$4.95 | | Yellow | Aug-Oct | x | 3'-5' | x x | LH |
| <i>Helianthus divaricatus</i> | Woodland Sunflower | \$52.00 | \$3.00 | \$4.95 | | Yellow | Jul-Aug | x x | 3'-5' | x x | B, LH |
| <i>Helianthus giganteus</i> | Tall Sunflower | \$52.00 | \$3.00 | \$4.95 | | Yellow | Aug-Oct | x x | 5'-8' | x x | B, LH |
| <i>Helianthus occidentalis</i> | Western Sunflower | \$52.00 | \$3.00 | \$4.95 | | Yellow | Aug-Sep | x | 2'-4' | x | N, LH |
| <i>Helianthus strumosus</i> | Pale-Leaved Sunflower | | | | \$7.95 | Yellow | Jul-Aug | x x | 4'-6' | x | O, B |
| <i>Heliopsis helianthoides</i> | False Sunflower | \$52.00 | \$3.00 | \$4.95 | | Yellow | Jul-Sep | x x | 4'-6' | x | RR |
| <i>Heracleum maximum</i> | Cow Parsnip | \$52.00 | \$3.75 | \$5.45 | \$7.95 | White | Jun-Jul | x x | 4'-7' | x x | PP |
| <i>Heuchera americana</i> | Alum Root | \$52.00 | \$3.00 | \$4.95 | | Green | May-Jun | x x | 1'-2' | x | |
| <i>Hibiscus moscheutos</i> | Rose Mallow | \$52.00 | \$3.75 | \$5.45 | | Pink | Aug-Sep | x | 4'-6' | x x | |
| <i>Hydrophyllum canadense</i> | Canada Waterleaf | | \$3.75 | \$5.45 | | White | May | x x | 1' | x | |
| <i>Hydrophyllum virginianum</i> | Virginia Waterleaf | | \$3.75 | \$5.45 | | White | May-Jun | x x | 1'-3' | x x | PP, GC |
| <i>Hypericum ascyron</i> | Giant St. John's Wort | \$52.00 | \$3.00 | \$4.95 | | Yellow | Jul-Aug | x x | 3'-5' | x x | N |
| <i>Iris versicolor</i> | Blue Flag Iris | \$52.00 | \$3.00 | \$4.95 | \$7.95 | Blue | May-Jul | x x | 2'-3' | x x | N, See pages 11 & 12 |
| <i>Iris virginica</i> | Southern Blue Flag Iris | \$52.00 | \$3.00 | \$4.95 | \$7.95 | Blue | May-Jul | x x | 2'-3' | x x | See pages 11 & 12 |
| <i>Lespedeza capitata</i> | Rnd.-Headed Bush-Clover | \$52.00 | \$3.00 | | | White | Jul-Aug | x | 3'-4' | x | LH |
| <i>Lespedeza hirta</i> | Hairy Bush-Clover | \$52.00 | \$3.00 | \$4.95 | | White | Jul-Aug | x | 2'-3' | x | LH, WD |
| <i>Liatris cylindracea</i> | Cylindrical Blazing Star | \$52.00 | \$3.00 | \$4.95 | | Purple | Jul-Aug | x | 1'-2' | x | N |
| <i>Liatris aspera</i> | Rough Blazing Star | \$52.00 | \$3.00 | \$4.95 | | Purple | Jul-Sep | x | 3'-4' | x x | N |
| <i>Liatris spicata</i> | Marsh Blazing Star | \$52.00 | \$3.00 | \$4.95 | | Purple | Jul-Aug | x | 3'-4' | x x | N |
| <i>Lobelia cardinalis</i> | Cardinal Flower | \$52.00 | \$3.00 | \$4.95 | | Red | Jul-Aug | x x | 2'-4' | x x | CM, B, N |
| <i>Lobelia siphilitica</i> | Blue Lobelia | \$52.00 | \$3.00 | \$4.95 | | Blue | Jul-Sep | x x | 1'-3' | x x | PP |
| <i>Ludwigia alternifolia</i> | Seedbox | \$52.00 | \$3.00 | \$4.95 | | Yellow | Jun-Aug | x | 2'-3' | x | |
| <i>Lupinus perennis</i> | Lupine | \$52.00 | \$3.00 | | | Blue | May-Jun | x | 1'-2' | | LH, N |
| <i>Menyanthes trifoliata</i> | Buckbean | \$3.00 bare root | | | | White | Jun-Aug | x | 1'-2' | x | See pages 11 & 12 |
| <i>Mimulus ringens</i> | Monkey-Flower | \$52.00 | \$3.00 | \$4.95 | | Blue | Jun-Aug | x x | 1'-2' | x x | |
| <i>Monarda fistulosa</i> | Bee-Balm | \$52.00 | \$3.00 | \$4.95 | | Lavender | Jul-Aug | x | 2'-4' | x x | N |
| <i>Monarda punctata</i> | Horsemint | \$52.00 | \$3.00 | \$4.95 | | Yellow | Jul-Sep | x | 1'-3' | x | N |
| <i>Oenothera biennis</i> | Evening-primrose | \$52.00 | \$3.00 | \$4.95 | | Yellow | Jul-Sep | x | 3'-5' | x x | BI |
| <i>Opuntia humifusa</i> | Prickly Pear | | | \$5.45 | | Yellow | July | x | 1' | x | TH |

Sisyrinchium angustifolium



Eupatorium maculatum



Penstemon hirsutus

wildflowers

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Solidago ohioensis



Desmodium canadense



Hibiscus moscheutos

| PLANT NAME | | POT SIZE/PRICE | | | | FLOWERS | | SUN | | | SIZE | | | MOISTURE | | NOTES |
|-----------------------------------|-------------------------|---------------------------|--------|--------|--------|----------|---------|------|------|-----|--------|-----|-----|----------|---------------------------|-------------------|
| Scientific | Common | 38 cell tray | 2" pot | quart | gallon | color | time | full | part | shd | height | dry | ave | wet | (see page 2 for code key) | |
| <i>Peltandra virginica</i> | Arrow-Arum | \$3.00 bare root | | | | Green | May-Jul | x | | | 2'-3' | | | x | | See pages 11 & 12 |
| <i>Penstemon digitalis</i> | Beardtongue | \$52.00 | \$3.00 | \$4.95 | | White | Jun-Jul | x | x | | 3'-4' | | x | x | B | |
| <i>Penstemon hirsutus</i> | Penstemon | \$52.00 | \$3.00 | \$4.95 | | Pink | May-Jul | x | | | 1'-2' | | x | x | B | |
| <i>Phlox divaricata</i> | Woodland Phlox | | \$3.75 | \$5.45 | | Lavender | May | | x | x | 1' | | x | x | | |
| <i>Physostegia virginiana</i> | Obedient Plant | \$52.00 | \$3.00 | \$4.95 | | Pink | Jul-Sep | x | x | | 2'-4' | | x | x | not a MI genotype | |
| <i>Polygonatum biflorum</i> | True Solomon Seal | | \$3.75 | | | Green | May-Jun | | x | | 1'-3' | | | x | | |
| <i>Polygonum amphibium</i> | Water Smartweed | \$52.00 | \$3.00 | \$4.95 | | Pink | Jun-Aug | x | | | 1' | | | x | See pages 11 & 12 | |
| <i>Pontederia cordata</i> | Pickereel Weed | \$6.00/plug or bare root | | | | Purple | Jul-Aug | x | | | 1'-2' | | | x | See pages 11 & 12 | |
| <i>Potentilla arguta</i> | Tall Cinquefoil | \$52.00 | \$3.00 | \$4.95 | | White | Jul-Aug | x | | | 2'-3' | | x | x | | |
| <i>Potentilla simplex</i> | Common Cinquefoil | \$30.00 open flat | | | | Yellow | May-Jun | x | x | x | 1' | | x | x | GC | |
| <i>Primula mistassinica</i> | Bird's-Eye Primrose | | \$3.00 | \$4.95 | | Pink | Jun-Aug | x | | | 1' | | x | x | NC | |
| <i>Pycnanthemum tenuifolium</i> | Mountain-Mint | \$52.00 | \$3.00 | \$4.95 | | White | Jul-Sep | x | x | | 2'-4' | | x | x | | |
| <i>Ratibida pinnata</i> | Yellow Coneflower | \$52.00 | \$3.00 | \$4.95 | | Yellow | Jul-Sep | x | | | 3'-5' | | | x | N | |
| <i>Rudbeckia fulgida</i> | Black-Eyed Susan | \$52.00 | \$3.00 | \$4.95 | | Yellow | Aug-Oct | x | x | | 2'-3' | | x | x | N | |
| <i>Rudbeckia hirta</i> | Black-Eyed Susan | \$52.00 | \$3.00 | \$4.95 | | Yellow | Jun-Sep | x | x | | 1'-3' | | x | x | LH, N, RR, LB | |
| <i>Rudbeckia laciniata</i> | Green-Headed Coneflower | \$52.00 | \$3.00 | \$4.95 | \$7.95 | Yellow | Jul-Sep | x | x | | 3'-6' | | x | x | N | |
| <i>Rudbeckia triloba</i> | Three-Lobed Coneflower | \$52.00 | \$3.00 | \$4.95 | | Yellow | Jul-Oct | x | x | | 2'-4' | | x | x | B, RR, N | |
| <i>Sagittaria latifolia</i> | Common Arrowhead | \$3.00/ plug or bare root | | | | White | Jul-Sep | x | | | 1'-2' | | | x | See pages 11 & 12 | |
| <i>Sanguinaria canadensis</i> | Bloodroot | | \$3.75 | | | White | April | | x | x | 1' | | | x | | |
| <i>Saururus cernuus</i> | Lizard's Tail | \$52.00 | | \$5.45 | | White | Jul-Aug | | x | x | 2'-4' | | | x | See pages 11 & 12 | |
| <i>Scutellaria lateriflora</i> | Mad-Dog Skullcap | \$52.00 | \$3.00 | \$4.95 | | Blue | Jun-Sep | x | x | | 2'-3' | | x | x | | |
| <i>Senecio aureus</i> | Golden Ragwort | \$52.00 | \$3.00 | \$4.95 | | Yellow | May-Jun | x | x | | 2'-3' | | x | x | CM | |
| <i>Senecio obovatus</i> | Round-Leaved Ragwort | \$52.00 | \$3.00 | \$4.95 | | Yellow | Apr-Jun | x | x | | 2'-3' | | x | x | | |
| <i>Senna hebecarpa</i> | Wild Senna | \$52.00 | \$3.75 | \$5.45 | | Yellow | Jul-Aug | x | x | | 3'-5' | | x | x | LH | |
| <i>Silphium integrifolium</i> | Rosin Weed | \$52.00 | | \$5.45 | \$7.95 | Yellow | Jul-Aug | x | | | 3'-6' | | x | x | N,RR | |
| <i>Silphium laciniatum</i> | Compass Plant | \$52.00 | | \$5.45 | \$7.95 | Yellow | Jul-Aug | x | | | 4'-8' | | x | x | N | |
| <i>Silphium perfoliatum</i> | Cup Plant | \$52.00 | \$3.00 | \$4.95 | \$7.95 | Yellow | Jul-Sep | x | | | 4'-7' | | x | x | O, PP, B, RR, N | |
| <i>Silphium terebinthinaceum</i> | Prairie-Dock | \$52.00 | | \$4.95 | \$7.95 | Yellow | Aug-Oct | x | | | 4'-10' | | x | x | x | N, B |
| <i>Sisyrinchium angustifolium</i> | Blue-Eyed Grass | | \$3.75 | \$5.45 | | Blue | May-Jun | x | x | | 1' | | | x | NC | |
| <i>Smilacina racemosa</i> | False Solomon Seal | | \$3.75 | | | White | May-Jun | | x | x | 1'-2' | | | x | | |
| <i>Smilacina stellata</i> | Starry Solomon Seal | | \$3.75 | | | White | May-Jul | x | x | | 1'-2' | | x | x | x | |
| <i>Solidago caesia</i> | Bluestem Goldenrod | \$52.00 | \$3.00 | \$4.95 | | Yellow | Aug-Oct | x | x | x | 2'-3' | | x | x | RR, N | |
| <i>Solidago flexicaulis</i> | Zigzag Goldenrod | \$52.00 | \$3.00 | \$4.95 | | Yellow | Aug-Oct | | x | x | 1'-2' | | | x | RR, N | |
| <i>Solidago juncea</i> | Early Goldenrod | \$52.00 | \$3.00 | \$4.95 | | Yellow | Jul-Aug | x | | | 2'-4' | | x | x | N | |
| <i>Solidago nemoralis</i> | Old-Field Goldenrod | \$52.00 | \$3.00 | \$4.95 | | Yellow | Aug-Oct | x | | | 2'-3' | | x | x | N | |
| <i>Solidago ohioensis</i> | Ohio Goldenrod | \$52.00 | \$3.00 | \$4.95 | | Yellow | Aug-Sep | x | | | 2'-4' | | x | x | N | |
| <i>Solidago patula</i> | Swamp Goldenrod | \$52.00 | \$3.00 | \$4.95 | | Yellow | Aug-Oct | x | x | | 3'-5' | | x | x | N | |
| <i>Solidago riddellii</i> | Riddell's Goldenrod | \$52.00 | \$3.00 | \$4.95 | | Yellow | Aug-Sep | x | | | 2'-4' | | x | x | PP, N | |
| <i>Solidago rigida</i> | Stiff Goldenrod | \$52.00 | \$3.00 | \$4.95 | | Yellow | Aug-Oct | x | | | 3'-5' | | | x | N | |
| <i>Solidago speciosa</i> | Showy Goldenrod | \$52.00 | \$3.00 | \$4.95 | | Yellow | Aug-Oct | x | | | 2'-5' | | x | x | N, PP | |
| <i>Stylophorum diphyllum</i> | Wood Poppy | | \$3.75 | \$5.45 | | Yellow | May-Jun | | x | x | 2'-3' | | | x | | |
| <i>Tephrosia virginiana</i> | Goat's Rue | | \$3.75 | \$5.45 | | Pink | Jul-Aug | x | | | 1'-2' | | | x | WD | |
| <i>Teucrium canadense</i> | Wood Sage | \$52.00 | \$3.00 | \$4.95 | | Purple | Jul-Aug | x | x | | 2'-3' | | x | x | | |



Vernonia missurica



Onoclea sensibilis



Juncus effusus

wildflowers

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| PLANT NAME | | POT SIZE/PRICE | | | | FLOWERS | | SUN | SIZE | MOISTURE | NOTES |
|---------------------------------|-------------------|----------------|--------|--------|--------|-------------|---------|---------------|--------|-------------|---------------------------|
| Scientific | Common | 38 cell tray | 2" pot | quart | gallon | color | time | full part shd | height | dry ave wet | (see page 2 for code key) |
| <i>Thalictrum dasycarpum</i> | Tall Meadow Rue | \$52.00 | \$3.00 | \$4.95 | | White | May-Jul | x x | 3'-7' | x x | |
| <i>Thalictrum dioicum</i> | Early Meadow Rue | \$52.00 | \$3.00 | \$4.95 | | White | Apr-May | x x | 2'-3' | x | |
| <i>Tradescantia ohioensis</i> | Spiderwort | \$52.00 | \$3.00 | \$4.95 | \$7.95 | Blue | May-Jul | x x | 2'-3' | x x | LB |
| <i>Verbena hastata</i> | Blue Vervain | \$52.00 | \$3.00 | \$4.95 | | Blue | Jul-Sep | x x | 3'-5' | x x | N |
| <i>Verbena stricta</i> | Hoary Vervain | \$52.00 | \$3.00 | \$4.95 | | Purple-Blue | Jul-Sep | x x | 2'-4' | x x | |
| <i>Verbesina alternifolia</i> | Wingstem | \$52.00 | \$3.00 | \$4.95 | | Yellow | Aug-Sep | x x | 3'-5' | x | LH,RR |
| <i>Vernonia missurica</i> | Ironweed | \$52.00 | \$3.00 | \$4.95 | | Purple | Aug-Sep | x x | 4'-6' | x x | N |
| <i>Veronicastrum virginicum</i> | Culver's-Root | \$52.00 | \$3.00 | \$4.95 | | White | Jul-Sep | x x | 3'-5' | x x | N, PP |
| <i>Zizia aurea</i> | Golden Alexanders | \$52.00 | \$3.00 | \$4.95 | | Yellow | May-Jun | x x | 2'-3' | x x | |

ferns

| PLANT NAME | | POT SIZE/PRICE | | | SUN | SIZE | MOISTURE | NOTES |
|------------------------------|--------------------|----------------|--------|---------|---------------|--------|-------------|---------------------------|
| Scientific | Common | 2" pot | 3" pot | gallon | full part shd | height | dry ave wet | (see page 2 for code key) |
| <i>Adiantum pedatum</i> | Maidenhair Fern | \$5.75 | \$6.50 | \$11.00 | x x | 1' | x x | CM, WD |
| <i>Athyrium filix-femina</i> | Lady Fern | | \$6.50 | | x x | 2'-3' | x x | |
| <i>Cystopteris bulbifera</i> | Bulblet Fern | | \$6.50 | \$11.00 | x x | 2'-3' | x x | CM, WD |
| <i>Dryopteris marginalis</i> | Marginal Wood Fern | | \$6.50 | | x x | 2'-3' | x x | |
| <i>Onoclea sensibilis</i> | Sensitive Fern | | | \$11.00 | x x | 1-2' | x | CM |

grasses, rushes & sedges

| PLANT NAME | | POT SIZE/PRICE | | | | FLOWERS | | SUN | SIZE | MOISTURE | NOTES |
|---------------------------------|-----------------------|--------------------------|--------|--------|--------|---------|---------|---------------|--------|-------------|---------------------------|
| Scientific | Common | 38 cell tray | 2" pot | quart | gallon | color | time | full part shd | height | dry ave wet | (see page 2 for code key) |
| <i>Acorus americanus</i> | Sweet Flag | \$52.00 | \$3.00 | \$4.95 | \$7.95 | Green | Jun-Jul | x x | 2'-4' | x | See pages 11 & 12 |
| <i>Andropogon gerardii</i> | Big Bluestem | \$52.00 | \$3.00 | \$4.95 | \$7.95 | Green | Jul-Aug | x | 5'-7' | x x x | LH |
| <i>Andropogon virginicus</i> | Broom-Sedge | \$52.00 | | \$4.95 | | Green | Jun-Jul | x | 2'-3' | x x | |
| <i>Aristida purpurascens</i> | Three Awned Grass | \$52.00 | \$3.00 | | | Green | Jun-Aug | x | 2'-3' | x x | WD |
| <i>Brachyelytrum erectum</i> | Long-Awned Wood Grass | \$52.00 | | \$4.95 | | Green | Jun-Jul | x x | 1'-2' | x | |
| <i>Bromus kalmii</i> | Prairie Brome | \$52.00 | | \$4.95 | | Green | Jun-Jul | x | 2'-3' | x | |
| <i>Bromus latiglumis</i> | Ear-Leaved Brome | \$52.00 | \$3.00 | | | Green | Jun-Aug | x x x | 3'-4' | x x | |
| <i>Calamagrostis canadensis</i> | Blue-Joint Grass | \$52.00 | \$3.00 | | | Green | Jun | x x | 3'-4' | x x | |
| <i>Carex bicknellii</i> | Bicknell's Sedge | \$52.00 | \$3.00 | | | Green | May-Jun | x x | 2'-3' | x x | LH |
| <i>Carex comosa</i> | Bristly Sedge | \$52.00 | \$3.00 | | | Green | May-Jun | x | 2'-3' | x | LH, See pages 11 & 12 |
| <i>Carex crinita</i> | Fringed Sedge | \$52.00 | \$3.00 | | | Green | May | x x x | 2'-4' | x | LH |
| <i>Carex grayi</i> | Gray's Sedge | \$52.00 | \$3.00 | | | Green | May-Jun | x x | 1'-2' | x x | LH |
| <i>Carex hystericina</i> | Porcupine Sedge | \$52.00 | \$3.00 | | | Green | May-Jun | x x | 2'-3' | x | LH |
| <i>Carex lacustris</i> | Lake Sedge | \$3.00/plug or bare root | | | | Green | Jun-Jul | x x | 3'-4' | x | See pages 11 & 12 |
| <i>Carex lupulina</i> | Sedge | \$52.00 | \$3.00 | | | Green | May-Jun | x x | 1'-2' | x | LH |



Carex stipata



Scirpus cyperinus



Carex crinita

grasses, rushes & sedges

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| PLANT NAME | | POT SIZE/PRICE | | | | FLOWERS | | SUN | SIZE | MOISTURE | NOTES |
|--------------------------------|--------------------|---------------------------|--------|--------|--------|---------|---------|---------------|--------|-------------|---------------------------|
| Scientific | Common | 38 cell tray | 2" pot | quart | gallon | color | time | full part shd | height | dry ave wet | (see page 2 for code key) |
| <i>Carex muskingumensis</i> | Muskingum Sedge | \$52.00 | \$3.00 | | | Green | May-Jun | x x x | 2'-3' | x x | LH |
| <i>Carex pensylvanica</i> | Pen Sedge | \$90.00 | \$3.75 | | | Green | Apr-May | x | .5'-1' | x x | GC |
| <i>Carex plantaginea</i> | Plantain Sedge | | \$3.75 | \$5.45 | | Green | May | x x | 1' | x | |
| <i>Carex sprengeii</i> | Sprengel's Sedge | \$52.00 | \$3.00 | | | Green | Apr-May | x x x | 1'-2' | x x | LH |
| <i>Carex stipata</i> | Sedge | \$52.00 | \$3.00 | | | Green | May | x x | 2'-3' | x x | LH |
| <i>Carex stricta</i> | Tussock Sedge | \$52.00 | \$3.00 | | \$7.95 | Green | May-Jun | x | 2'-4' | x | LH, See pages 11 & 12 |
| <i>Carex vulpinoidea</i> | Fox Sedge | \$52.00 | \$3.00 | | | Green | May-Jun | x x | 2'-3' | x x | LH |
| <i>Dulichium arundinaceum</i> | Three-Way Sedge | \$52.00 | | \$4.95 | | Green | Jun-Jul | x | 1' | x x | |
| <i>Elymus canadensis</i> | Canada Wild Rye | \$52.00 | \$3.00 | | | Green | Jun-Aug | x | 3'-5' | x x | |
| <i>Elymus hystrix</i> | Bottlebrush Grass | \$52.00 | \$3.00 | | | Green | Jun-Jul | x x | 3'-5' | x x | LH |
| <i>Elymus riparius</i> | Riverbank Wild-Rye | \$52.00 | \$3.00 | | | Green | Jul-Aug | x x | 2'-4' | x x | |
| <i>Elymus villosus</i> | Silky Wild Rye | \$52.00 | \$3.00 | | | Green | Jul | x x | 1'-3' | x | |
| <i>Elymus virginicus</i> | Virginia Wild Rye | \$52.00 | \$3.00 | | | Green | Jun | x x | 2'-4' | x x | |
| <i>Eragrostis spectabilis</i> | Purple Love Grass | \$52.00 | \$3.00 | | | Green | Jun-Jul | x | 1'-2' | x | FC, WD |
| <i>Glyceria striata</i> | Graceful Grass | \$52.00 | \$3.00 | | | Green | May-Jun | x x | 1'-3' | x x | LH |
| <i>Juncus articulatus</i> | Jointed Rush | \$52.00 | | \$4.95 | | Green | Jun-Jul | x | 1'-2' | x | |
| <i>Juncus balticus</i> | Baltic Rush | \$52.00 | \$3.00 | \$4.95 | | Green | May-Jun | x x | 1'-2' | x | See pages 11 & 12 |
| <i>Juncus effusus</i> | Soft-Stemmed Rush | \$52.00 | \$3.00 | | | Green | Jun | x | 1'-3' | x | See pages 11 & 12 |
| <i>Juncus torreyi</i> | Torrey's Rush | \$52.00 | \$3.00 | | | Green | Jun-Jul | x | 1'-2' | x x | |
| <i>Koeleria macrantha</i> | June Grass | \$52.00 | \$3.00 | \$4.95 | | Green | May-Jun | x | 1'-2' | x x | |
| <i>Panicum virgatum</i> | Switch Grass | \$52.00 | \$3.00 | \$4.95 | \$7.95 | Green | Jul-Aug | x x | 3'-5' | x x x | LH |
| <i>Schizachyrium scoparium</i> | Little Bluestem | \$52.00 | \$3.00 | \$4.95 | \$7.95 | Green | Aug | x | 2'-4' | x x | FC, LH |
| <i>Schoenoplectus acutus</i> | Hardstem Bulrush | \$52.00 | | \$4.95 | | Green | Apr-Jun | x | 4'-6' | x | See pages 11 & 12 |
| <i>Schoenoplectus pungens</i> | Three-Square | \$52.00 | | \$4.95 | | Green | May-Jun | x | 3'-5' | x | See pages 11 & 12 |
| <i>Schoe. tabernaemontani</i> | Softstem Bulrush | \$52.00 | | \$4.95 | | Green | May-Jul | x | 4'-6' | x | See pages 11 & 12 |
| <i>Scirpus atrovirens</i> | Bulrush | \$52.00 | \$3.00 | | | Green | Jun-Jul | x | 3'-5' | x | |
| <i>Scirpus cyperinus</i> | Wool Grass | \$52.00 | \$3.00 | | | Green | Jun-Aug | x | 3'-6' | x | |
| <i>Scirpus fluviatilis</i> | River Bulrush | \$3.00/ plug or bare root | | | | Green | Jun-Jul | x x | 4'-7' | x | See pages 11 & 12 |
| <i>Scirpus pendulus</i> | Bulrush | \$52.00 | \$3.00 | | | Green | May-Jun | x | 2'-4' | x | |
| <i>Sorghastrum nutans</i> | Indian Grass | \$52.00 | \$3.00 | \$4.95 | | Green | Aug | x | 4'-6' | x | FC, LH, N |
| <i>Sparganium eurycarpum</i> | Common Bur-Reed | \$3.00/plug or bare root | | | | White | May-Jul | x | 2'-5' | x | See pages 11 & 12 |
| <i>Spartina pectinata</i> | Prairie Cordgrass | \$52.00 | | \$4.95 | \$7.95 | Green | Jul-Aug | x | 4'-6' | x x | LH |
| <i>Sporobolus heterolepis</i> | Prairie Dropseed | \$52.00 | \$3.00 | \$4.95 | | Green | Aug-Sep | x | 1'-3' | x | FC |

trees, shrubs & woody vines

| PLANT NAME | | POT SIZE/PRICE | | | | FLOWERS | | SUN | SIZE | MOISTURE | NOTES |
|---------------------------|----------------|----------------|-------|---------|----------|---------|---------|---------------|----------|-------------|---------------------------|
| Scientific | Common | 38 cell tray* | quart | gallon | 5 gallon | color | time | full part shd | height | dry ave wet | (see page 2 for code key) |
| <i>Acer pensylvanicum</i> | Striped Maple | | | \$14.00 | | Yellow | May-Jun | x | 20'-40' | x | D |
| <i>Acer rubrum</i> | Red Maple | | | \$14.00 | \$22.00 | Red | Apr-May | x x | 50'-100' | x | FC |
| <i>Acer saccharinum</i> | Silver Maple | \$80.00 | | \$14.00 | \$22.00 | Green | Apr-May | x x | 60'-100' | x x | |
| <i>Acer saccharum</i> | Sugar Maple | | | \$14.00 | \$22.00 | Yellow | Apr-May | x x | 60'-100' | x | FC |
| <i>Acer spicatum</i> | Mountain Maple | | | \$14.00 | | Green | June | x x | 20'-30' | x x | FC |

* Plugs sold individually for \$3.00 each.

trees, shrubs & woody vines

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Cornus alternifolia



Cercis canadensis



Cephalanthus occidentalis

| PLANT NAME | | POT SIZE/PRICE | | | | FLOWERS | | SUN | | | SIZE | | | MOISTURE | | NOTES |
|------------------------------------|--------------------------|----------------|--------|---------|----------|---------|---------|------|------|-----|----------|-----|-----|----------|---------------------------|-------|
| Scientific | Common | 38 cell tray* | quart | gallon | 5 gallon | color | time | full | part | shd | height | dry | ave | wet | (see page 2 for code key) | |
| <i>Alnus incana</i> | Speckled Alder | \$80.00 | | \$14.00 | | Brown | Mar-May | x | x | | 6'-25' | | x | x | S | |
| <i>Amelanchier arborea</i> | Serviceberry | | | \$15.00 | | White | Apr-May | x | x | | 12'-25' | x | x | | LH, EF | |
| <i>Amorpha canescens</i> | Leadplant | \$80.00 | \$8.00 | | | Purple | Jun-Aug | x | | | 2'-3' | x | x | | LH, N | |
| <i>Aronia prunifolia</i> | Black Chokeberry | \$80.00 | | \$14.00 | \$22.00 | White | Jun | x | x | | 2'-6' | | x | x | B | |
| <i>Betula alleghaniensis</i> | Yellow Birch | \$80.00 | | \$14.00 | \$26.00 | Yellow | Apr-May | x | x | | 40'-70' | | x | x | LH | |
| <i>Betula papyrifera</i> | Paper Birch | \$80.00 | | \$14.00 | \$26.00 | Brown | Apr-May | x | x | | 30'-60' | | x | | LH | |
| <i>Betula pumila</i> | Bog Birch | \$80.00 | | \$14.00 | | Brown | May-Jun | x | x | | 5'-12' | | x | x | LH, S | |
| <i>Carpinus caroliniana</i> | Musclewood | | | \$15.00 | | Green | Apr-May | x | x | x | 15'-30' | | x | x | FC | |
| <i>Carya cordiformis</i> | Bitternut Hickory | | | \$14.00 | \$26.00 | Yellow | May-Jun | x | x | | 50'-85' | | x | x | LH | |
| <i>Ceanothus americanus</i> | New Jersey Tea | \$80.00 | \$8.00 | | | White | Jun-Jul | x | x | | 1'-3' | x | x | | LH, N | |
| <i>Celtis occidentalis</i> | Hackberry | | | \$15.00 | \$26.00 | Green | May | x | x | | 40'-60' | | x | | LH, B | |
| <i>Celtis tenuifolia</i> | Dwarf Hackberry | | | \$14.00 | \$26.00 | Green | May | x | x | | 6'-18' | x | x | | LH, B | |
| <i>Cephalanthus occidentalis</i> | Buttonbush | \$80.00 | | \$14.00 | \$22.00 | White | Jun-Aug | x | x | | 6'-15' | | x | x | N | |
| <i>Cercis canadensis</i> | Redbud | | | \$14.00 | \$22.00 | Pink | May | x | x | | 12'-25' | | x | | LH, N | |
| <i>Clematis virginiana</i> | Virgin's Bower | \$80.00 | \$6.50 | \$10.00 | | White | Aug-Sep | x | x | | | | x | x | V, D | |
| <i>Cornus alternifolia</i> | Alternate Leaf Dogwood | | | \$14.00 | \$22.00 | White | May-Jun | x | x | | 12'-25' | | x | | LH, B, N | |
| <i>Cornus amomum</i> | Silky Dogwood | \$80.00 | | \$14.00 | \$22.00 | White | Jun-Jul | x | x | x | 3'-9' | | x | x | LH, S, B, N | |
| <i>Cornus racemosa</i> | Gray Dogwood | | | \$14.00 | \$22.00 | White | May-Jun | x | x | | 3'-10' | x | x | | LH, S, B, N | |
| <i>Cornus rugosa</i> | Round-Leaved Dogwood | | | \$14.00 | | White | May-Jun | x | x | | 6'-9' | x | x | | N | |
| <i>Cornus sericea</i> | Red-Osier Dogwood | \$80.00 | | \$14.00 | \$22.00 | White | Jun-Aug | x | x | x | 3'-9' | x | x | x | LH, S, B, N | |
| <i>Corylus americana</i> | American Hazelnut | | | \$14.00 | \$22.00 | Yellow | Mar-Apr | x | x | | 5'-9' | x | x | | EF, D | |
| <i>Crataegus crus-galli</i> | Cockspur Hawthorn | | | \$14.00 | | White | May | x | | | 15'-30' | | x | | | |
| <i>Decodon verticillatus</i> | Swamp Loosestrife | \$80.00 | \$6.50 | \$10.00 | | Pink | Jul-Aug | x | | | 2'-4' | | | x | See pages 11 & 12 | |
| <i>Diervilla lonicera</i> | Bush Honeysuckle | | \$8.00 | \$14.00 | | Yellow | Jun | x | x | | 1'-3' | x | x | | | |
| <i>Euonymus obovata</i> | Creeping Strawberry Bush | | \$6.50 | | | Yellow | Apr-May | | x | x | up to 1' | | x | | GC | |
| <i>Gleditsia triacanthos</i> | Honey Locust | | | \$14.00 | \$22.00 | Green | May-Jun | x | x | | 60'-85' | x | x | x | TH, LH | |
| <i>Gymnocladus dioica</i> | Kentucky Coffee Tree | | | \$14.00 | \$22.00 | White | Jun | x | x | | 60'-85' | x | x | x | D | |
| <i>Hypericum kalmianum</i> | Kalm's St. John's Wort | \$80.00 | | \$15.00 | | Yellow | Jun-Aug | x | x | | 1'-2' | | x | x | | |
| <i>Hypericum prolificum</i> | Shrubby St. John's Wort | | \$8.00 | \$14.00 | \$22.00 | Yellow | Jul | x | x | | 3'-6' | x | x | | | |
| <i>Ilex verticillata</i> | Michigan Holly | | | \$14.00 | \$22.00 | White | Jun | x | x | | 6'-12' | | x | x | AS, B, D | |
| <i>Juglans nigra</i> | Black Walnut | | | \$14.00 | | Green | May | x | | | 60'-90' | | x | | LH | |
| <i>Juniperus virginiana</i> | Eastern Red Cedar | | | \$14.00 | \$26.00 | | | x | | | 20'-40' | x | x | | B | |
| <i>Larix laricina</i> | Tamarack | | | \$15.00 | \$22.00 | | | x | x | | 40'-75' | | x | x | FC | |
| <i>Lindera benzoin</i> | Spicebush | | | \$15.00 | \$22.00 | Yellow | Apr-May | | x | x | 5'-10' | | x | x | LH, D | |
| <i>Liriodendron tulipifera</i> | Tulip Poplar | | | \$15.00 | \$26.00 | White | May-Jun | x | x | | 60'-110' | | x | x | LH | |
| <i>Malus coronaria</i> | Wild Crab Apple | | | \$14.00 | \$22.00 | White | May | x | x | | 12'-25' | | x | | TH, N | |
| <i>Menispermum canadense</i> | Moonseed | | \$6.50 | \$10.00 | | Green | Jun-Jul | x | x | x | | | x | | V | |
| <i>Myrica gale</i> | Sweet Gale | | | \$15.00 | | Green | Apr-May | x | x | | 1'-4' | | x | x | | |
| <i>Nyssa sylvatica</i> | Blackgum | | | \$15.00 | | Green | May-Jun | x | x | | 30'-60' | x | x | x | FC, D, B | |
| <i>Ostrya virginiana</i> | Ironwood | | | \$14.00 | | Green | Apr-May | x | x | | 30'-50' | | x | x | | |
| <i>Parthenocissus quinquefolia</i> | Virginia Creeper | \$80.00 | \$6.50 | | | Green | Jul-Aug | x | x | x | | | x | x | FC, GC, V | |
| <i>Physocarpus opulifolius</i> | Common Ninebark | \$80.00 | | \$14.00 | \$22.00 | White | May-Jun | x | x | | 3'-9' | | x | x | N | |
| <i>Platanus occidentalis</i> | Sycamore | \$80.00 | | \$14.00 | \$22.00 | Green | May | x | x | | 65'-100' | x | x | x | | |

* Plugs sold individually for \$3.00 each.

trees, shrubs & woody vines

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Larix laricina



Prunus americana



Salix humilis

| PLANT NAME | | POT SIZE/PRICE | | | | FLOWERS | | SUN | | | SIZE | | | MOISTURE | | NOTES |
|------------------------------------|----------------------|----------------|--------|---------|----------|---------|---------|------|------|-----|----------|-----|-----|----------|---------------------------|-------|
| Scientific | Common | 38 cell tray* | quart | gallon | 5 gallon | color | time | full | part | shd | height | dry | ave | wet | (see page 2 for code key) | |
| <i>Nyssa sylvatica</i> | Blackgum | | | \$15.00 | | Green | May-Jun | x | x | | 30'-60' | x | x | x | FC, D, B | |
| <i>Ostrya virginiana</i> | Ironwood | | | \$14.00 | | Green | Apr-May | x | x | | 30'-50' | x | x | | | |
| <i>Parthenocissus quinquefolia</i> | Virginia Creeper | \$80.00 | \$6.50 | | | Green | Jul-Aug | x | x | x | | x | x | x | FC, GC, V | |
| <i>Physocarpus opulifolius</i> | Common Ninebark | \$80.00 | | \$14.00 | \$22.00 | White | May-Jun | x | x | | 3'-9' | | x | x | N | |
| <i>Platanus occidentalis</i> | Sycamore | \$80.00 | | \$14.00 | \$22.00 | Green | May | x | x | | 65'-100' | x | x | x | | |
| <i>Populus deltoides</i> | Cottonwood | | | \$14.00 | | Green | Apr-May | x | x | | 60'-110' | | x | x | LH | |
| <i>Potentilla fruticosa</i> | Shrubby Cinquefoil | \$80.00 | \$8.00 | \$14.00 | | Yellow | Jun-Sep | x | x | | 2'-3' | x | x | x | LB, N | |
| <i>Prunus americana</i> | Wild Plum | | | \$14.00 | \$26.00 | White | Apr-May | x | x | | 10'-25' | | x | x | LH, S, EF | |
| <i>Prunus pumila</i> | Sand Cherry | | | \$15.00 | \$26.00 | White | May-Jun | x | | | 3'-5' | | x | | B, EF | |
| <i>Prunus serotina</i> | Black Cherry | | | \$14.00 | \$26.00 | White | May-Jun | x | x | | 50'-85' | | x | x | LH, EF, N | |
| <i>Prunus virginiana</i> | Choke Cherry | | | \$14.00 | \$22.00 | White | May-Jun | x | x | | 10'-30' | | x | x | LH, S, N | |
| <i>Ptelea trifoliata</i> | Hop Tree | | | \$14.00 | \$22.00 | Green | Jun | x | x | | 6'-15' | | x | x | LH | |
| <i>Quercus alba</i> | White Oak | | | \$14.00 | \$26.00 | Green | May-Jun | x | | | 70'-90' | | x | x | LH | |
| <i>Quercus bicolor</i> | Swamp White Oak | | | \$14.00 | \$26.00 | Green | May-Jun | x | | | 50'-80' | | x | x | LH | |
| <i>Quercus ellipsoidalis</i> | Hill's Oak | | | \$14.00 | | Green | May | x | | | 40'-60' | | x | | LH | |
| <i>Quercus macrocarpa</i> | Bur Oak | | | \$14.00 | \$26.00 | Green | May-Jun | x | | | 60'-85' | | x | x | x | LH |
| <i>Quercus muehlenbergii</i> | Chinquapin Oak | | | \$14.00 | \$26.00 | Green | May-Jun | x | | | 50'-80' | | x | x | x | LH |
| <i>Quercus rubra</i> | Red Oak | | | \$14.00 | \$26.00 | Green | May-Jun | x | | | 65'-90' | | x | | LH | |
| <i>Quercus velutina</i> | Black Oak | | | \$14.00 | \$26.00 | Green | May-Jun | x | | | 60'-80' | | x | x | LH | |
| <i>Rhus aromatica</i> | Fragrant Sumac | | | \$15.00 | \$26.00 | Yellow | Apr-May | x | | | 4'-6' | | x | | FC,LH | |
| <i>Rhus copallina</i> | Winged Sumac | | | \$14.00 | \$26.00 | Yellow | Jun | x | | | 4'-10' | | x | | FC,LH,S | |
| <i>Rhus typhina</i> | Staghorn Sumac | | \$8.00 | \$14.00 | \$26.00 | Red | Jun | x | | | 10'-30' | | x | x | LH, D, N | |
| <i>Ribes americanum</i> | Wild Black Currant | | \$8.00 | | | Yellow | Apr-May | x | x | | 2'-4' | | x | x | B,EF,LH | |
| <i>Rosa acicularis</i> | Wild Rose | | | \$14.00 | | Pink | Jun-Jul | x | | | 2'-5' | | x | | | |
| <i>Rosa carolina</i> | Pasture Rose | | | \$15.00 | | Pink | Jun-Jul | x | x | | 1'-3' | | x | x | S, TH | |
| <i>Rosa palustris</i> | Swamp Rose | \$80.00 | \$8.00 | \$14.00 | | Pink | Jun-Jul | x | x | | 3'-6' | | x | x | S, TH | |
| <i>Rosa setigera</i> | Michigan Rose | \$80.00 | | \$15.00 | | Pink | Jul-Aug | x | x | | 4'-6' | | x | x | TH | |
| <i>Salix discolor</i> | Pussy Willow | \$80.00 | | \$10.00 | | Green | Mar-Apr | x | | | 6'-20' | | | x | LH | |
| <i>Salix humilis</i> | Prairie Willow | | | \$10.00 | | Yellow | Apr | x | | | 3'-5' | | x | x | S,LH | |
| <i>Salix interior</i> | Sandbar Willow | \$80.00 | | \$10.00 | | Green | Apr | x | | | 5'-15' | | | x | S, LH | |
| <i>Salix nigra</i> | Black Willow | \$80.00 | | \$10.00 | | Green | Apr | x | x | | 40'-65' | | x | x | LH | |
| <i>Sambucus canadensis</i> | American Elder | \$80.00 | | \$14.00 | | White | Jun-Jul | x | x | | 5'-12' | | x | x | EF, B | |
| <i>Sambucus racemosa</i> | Red-Berried Elder | \$80.00 | | \$14.00 | \$22.00 | White | May-Jun | x | x | | 5'-12' | | x | x | B | |
| <i>Spiraea alba</i> | Meadowsweet | \$80.00 | \$8.00 | \$10.00 | | White | Jun-Aug | x | x | | 3'-6' | | x | x | LH, N | |
| <i>Spiraea tomentosa</i> | Steeplebush | \$80.00 | \$8.00 | \$14.00 | | Pink | Jul-Aug | x | x | | 2'-4' | | x | x | LH, N | |
| <i>Staphylea trifolia</i> | American Bladdernut | | | \$15.00 | \$26.00 | White | Apr-May | | x | x | 8'-18' | | x | | | |
| <i>Thuja occidentalis</i> | Northern White Cedar | | \$8.00 | \$10.00 | \$22.00 | | | x | x | | 30'-50' | | x | x | | |
| <i>Tilia americana</i> | Basswood | | | \$14.00 | \$26.00 | Yellow | Jun-Jul | x | x | | 60'-100' | | x | | PP | |
| <i>Ulmus americana</i> | American Elm | | | \$10.00 | \$22.00 | Brown | Mar-Apr | x | x | | 60'-100' | | x | x | LH | |
| <i>Viburnum acerifolium</i> | Maple Leaf Viburnum | | | \$15.00 | | White | May-Jun | x | x | x | 3'-6' | | x | x | B,LH,N | |
| <i>Viburnum dentatum</i> | Arrowwood Viburnum | | | \$14.00 | \$22.00 | White | May-Jun | x | x | | 5'-12' | | x | x | B, LH, N | |
| <i>Viburnum lentago</i> | Nannyberry | | | \$14.00 | \$22.00 | White | May-Jun | x | x | | 15'-30' | | x | x | FC, B, N, LH | |
| <i>Vitis riparia</i> | Riverbank Grape | | \$6.50 | | | Green | May-Jun | x | x | | | | x | | V | |
| <i>Zanthoxylum americanum</i> | Prickly Ash | | | \$14.00 | \$22.00 | Green | Apr-May | x | x | | 5'-9' | | x | | LH,S, TH, N | |



Foliar herbicide application to black locust



Installation of erosion blanket



Rain garden planting

wildtype offers a wide range of ecological services, including:

► species inventory, site assessment and planning, wetland monitoring

We offer ecological design and consulting, floristic inventory, site quality assessment, invasive species mapping, site planning for public, commercial and residential projects and monitoring of wetland mitigations.

► invasive species management

We have extensive experience in managing a wide variety of invasive plant species. We are able to quickly and accurately identify invasive species in any season and determine the most effective method of control. Michigan Department of Agriculture certified herbicide applicators on staff.

► native plant installation

From large wetland mitigation projects to small rain gardens, our crew is ready to install any quantity of plants for your project.

► native landscape maintenance

Our crew is experienced at maintaining the full spectrum of native landscape projects including prairie plantings, woodland restorations, rain gardens, stormwater basins and residential landscapes.

► custom seed collecting

If your project requires site-sourced seed, we can collect and process this seed for you. It is important to note that the window of opportunity to collect any given species is usually only a couple of weeks so please plan ahead.

► custom growing

We frequently grow orders to meet specific project requirements. We can utilize seed provided to us or seed we collected. Timing is the most important factor. Although it may only take 6-8 weeks to produce some of the faster growing species from seed, there is only one opportunity a year to collect seed — therefore it is critical that you plan ahead.

did you know we grow emergent wetland plants?

Wildtype is producing an increasing variety of emergent wetland plants. We define emergent wetland plants as species that typically grow all or part of the season under inundated conditions where the roots are below water but the vegetative portion of the plant extends above water. This term is far from a technical categorization and this description is still vague and incomplete. Some could be considered “facultative emergent” plants like Blue Flag Iris and Soft-Stemmed Bulrush, which means they do not require inundated conditions to grow. In contrast, we consider Common Bur-reed, Arrow-Arum, and Pickerel Weed “obligate emergent” wetland plants since they thrive only in water.

Sweet Flag *Acorus americanus*

Facultative emergent: Tolerates water to a depth of 1'-2'. Found in marshes, wet meadows, edges of rivers and streams. Sweet Flag also grows well in wet soils.

Water-Plantain *Alisma subcordatum*

Obligate emergent: Tolerates water to a depth of 1'-2'. Water-Plantain will only germinate in shallow standing water but it is well suited to conditions that draw down over the season.

Bristly Sedge *Carex comosa*

Facultative emergent: Tolerates water to a depth up to 2'. Bristly Sedge grows well along lakeshores and in open marshes.

Lake Sedge *Carex lacustris*

Facultative emergent: Tolerates water to depth of 2'-3'. Lake Sedge grows well along lakeshores, riverbanks and in open marshes where it forms large colonies, spreading both by seed and asexually.

Tussock Sedge *Carex stricta*

Facultative emergent: Tolerates water to a depth of 1'-2'. Tussock Sedge grows well in a wide variety of wet sites with seasonally or permanently inundated conditions. Fluctuating water levels will induce hummock formation.

Swamp Loosestrife *Decodon verticillatus*

Obligate emergent: Tolerates water to a depth of 2'-3' but requires constantly saturated mucky soils. Swamp Loosestrife is an attractive woody plant usually found growing densely in water along lake edges. This plant likely reseeds only under draw down conditions but spreads readily by fragmentation and tip rooting.

Blue Flag Iris *Iris versicolor*

Facultative emergent: Tolerates water to a depth of 1'-2'. Blue Flag Iris is found in all manner of wet environments but usually flowers only in sunny locations. This species is found typically in northern-lower Michigan and in the Upper Peninsula.

Southern Blue Flag *Iris virginica*

Facultative emergent: Tolerates water to a depth of 1'-2'. Southern Blue Flag Iris is found in all manner of wet environments but usually flowers only in sunny locations. Southern Blue Flag Iris is found primarily in Michigan's lower peninsula.

Baltic Rush *Juncus balticus*

Facultative emergent: Tolerates water to a depth of 1'. Baltic Rush is often found on sandy shorelines adjacent to and sometimes in shallow water.

Soft-stemmed Bulrush *Juncus effuses*

Facultative emergent: Tolerates water to a depth of 1'. Soft-stemmed Bulrush grows well in shallow water or saturated soils, forming large clumps with spiky, dark-green foliage.



Pontederia cordata in one of our greenhouses



Acorus americanus in plug flats



Carex comosa

emergent wetland plants continued...



Saururus cernuus



Sagittaria latifolia



Iris virginica

Buckbean *Menyanthes trifoliata*

Obligate emergent: Tolerates water to a depth of 1'. Found throughout Michigan, Buckbean is almost always found growing in shallow water or in saturated sphagnum moss. Attractive and unique white flowers appear in the spring.

Arrow-Arum *Peltandra virginica*

Obligate emergent: Tolerates water up to a depth of 2'. Arrow-Arum grows well in full sun or partial shade along the edges of lakes and rivers. The large arrow-shaped leaves are Arrow-Arum's most appealing feature.

Water Smartweed *Polygonum amphibium*

Facultative emergent: Tolerates water to a depth of 2'. Water Smartweed grows well in full sun along the edges of ponds, lakes and quiet backwaters.

Pickereel Weed *Pontederia cordata*

Obligate emergent: Tolerates water up to a depth of 3'. Pickereel Weed is typically found growing in full sun and forms large colonies.

Common Arrowhead *Sagittaria latifolia*

Obligate emergent: Tolerates water to a depth of 2' but it is not uncommon to find this species growing in conditions that draw down over the season. Common Arrowhead is found growing in a wide variety of shallow water conditions all over Michigan.

Lizard's Tail *Saururus cernuus*

Facultative emergent: Tolerates water to a depth of 2'. Lizard's Tail typically grows in partially shaded back-swamps along rivers in southern-lower Michigan where the site is seasonally or periodically inundated but draws down during the summer and fall.

Hardstem Bulrush *Schoenoplectus acutus*

Facultative emergent: Tolerates water up to 4-5' in depth but is quite common in shallower water and in moist places. Common throughout the state, often found growing in large colonies.

Three-Square *Schoenoplectus pungens*

Facultative emergent: Tolerates water up to 3' in depth but is quite common in shallower water and in moist places. Common throughout the state, often found growing in large colonies.

Softstem Bulrush *Schoenoplectus tabernaemontani*

Facultative emergent: Tolerates water up to 4' in depth but is more common in shallower water and in moist places. Found throughout the state and often found growing in large colonies.

River Bulrush *Scirpus fluviatilis*

Facultative emergent: Tolerates water to a depth of 2' but typical of shallower water and seasonally inundated places. Often found growing in large colonies.

Common Bur-Reed *Sparganium eurycarpum*

Obligate emergent: Tolerates water up to 3' in depth but is more commonly found in shallower water on the edges in rivers, marshes and in other inundated places. Thrives in full sun or partial shade.

Please refer to the complete listing of species for size and price information on the above emergent wetland species.



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new names or old names

This was the year we were going to make a clean break and start to use the “new names” for our plants – but it ain’t going to happen. The botanically geeky among us have been aware that molecular biological techniques have recently been used to more accurately describe the taxonomic relationships between species. This has resulted in the renaming of plant species and reorganization of taxa. And our customers are slowly embracing these names.

Here is our problem. While plant requests are coming in to the nursery with the new names with more regularity, references are not always in sync – sometimes there are two new names while there are other cases where one source recognizes the new name and the other doesn’t. For example the USDA Plant database is very popular but we have found it to be less precise and not as up to date as the University of Michigan database. And these are not the only two references being used.

So as much as we want to make the transition and adhere to the U of M revised names, they are not always the “new” names people are using. Are you confused? Me too, so just forget you read this and you will find the old names just the way we have listed them in the past. Frankly most of our customers are still more familiar with the old names anyway. But feel free to use any scientific name you choose when requesting plants, we will know what your are talking about regardless of the reference you are using.

We rely solely upon the University of Michigan Herbarium as to what is considered native to Michigan and what is not.

CLICK> <http://herbarium.lsa.umich.edu/>



join us here at wildtype...

...on Sunday August 26, 2012 from 10 am – 3 pm for a “One-Day Eco-Photo Excursion” with Great Lakes Photo Tours. Naturalist photographer Mark S. Carlson and digital photography instructor Bob Grzesiak will personally assist you in the field of photographing late-summer wildflowers, regardless of your equipment or skill level. Cost is just \$79.00 with a \$10.00 non-refundable deposit required. Pre-registration required at least 15 days prior to the event. Contact Great Lakes Photo Tours to register at:

CLICK>

info@greatlakesphototours.com

or 517.230.1655