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Mission

The University of Delaware Botanic Gardens contributes to an understanding of the changing relationships between plants and people through education, research, extension, and community support. This understanding instills an appreciation of plants in the landscape and natural environment.

Botanic Gardens



I welcome you to the University of Delaware Botanic Gardens' spring plant sale. The plant sale is a fun event for all that heralds the onset of spring each year. I think you will find many choice plants in the catalog listings and find multiple options for all of the needy spots in your garden. We have included cultural information to aid in your selection of plants and recruited very knowledgeable individuals to assist you at the sale.

The plant sale is a significant event in many ways. It is a great opportunity to learn about and obtain exciting plants for the garden, to interact with a group of energetic and experienced volunteers at the sale, and to support the UDBG. Your support is a vote of confidence in the gardens, its mission and the sponsored activities throughout the year. I hope you participate and find the days' activities energizing and infectious. Please join us and revel in the prizes that you will bring home to launch your garden into a new year.

The goals of the sale are to educate consumers about new plants and to broaden the public's appreciation of the variety of plants available by offering unusual and difficult-to-find plants. As consumers learn about these outstanding plants, and growers develop propagating stock, many of these plants will become part of the plant palette available through the commercial trade.

We hope you enjoy the UDBG's plant sale offerings!

Dr. John Frett

University of Delaware

Botanic Gardens Director

John Frett

PLANT SALE 2007 CALENDAR

Thursday, April 26, 5:00 – 7:00 pm
Patron Preview Sale and Reception
Friday, April 27, 8:00 – 10:00 am
UDBG Friends'-Only Admission
Friday, April 27, 2:00 – 7:00 pm
UDBG Friends' & Pre-order Pick-up Admission
Saturday, April 28, 9:30 am – 4:00 pm
General Admission

Plant Sale

All events are located inside the fenced-in area across from Fischer Greenhouse on the University of Delaware campus (north of the University of Delaware football stadium, adjacent to the Blue Ice Arena). The plant sale is organized by the Department of Plant and Soil Science faculty, staff and students in conjunction with the UDBG Friends and volunteers.

Pre-order Plants Deadline, Monday, April 9, 2007

An order form is available in this catalog (see page 15) and on-line at: **http://ag.udel.edu/udbg**. Please complete the form and mail to the address listed on the form.

Pre-orders may be picked up on Friday, April 27, 8-10 am (members only) or 2-7 pm, and on Saturday, April 28, 9:30 am-4:00 pm in the "Pre-order Pickup" area. Additional plants may be purchased during these times. UDBG Friends' members receive pre-order priority; otherwise pre-orders are processed in the order received. Plant numbers are limited so we encourage you to send your order in early and/or join the UDBG Friends. Orders cannot be shipped; all pre-orders must be picked up.

Catalog on the Web

The plant sale catalog is available on the Web at: http://ag.udel.edu/udbg/events/annualsale.html

Plant orders cannot be accepted on the Web. All pre-orders must be mailed with an enclosed check to the address indicated on the order form. Credit cards will be accepted at the sale.

Benefits of membership in the UDBG Friends

The UDBG Friends' members-only admission to the sale



will be Friday morning from 8:00 - 10:00 am. *Those who join for the first time will receive a free perennial*. UDBG Friends can pick up pre-orders and/or purchase plants during this time. To join, refer to the membership form in this catalog or call (302) 831-0153.



Educational Events

• Plant Sale Highlights

Tuesday, March 20, 7 – 9 pm, free and open to public Location: Girl Scout building, located off College Avenue, adjacent to railroad bridge, and next to Townsend and Worrilow Halls on the University of Delaware's Newark Campus.

The UDBG Friends generously sponsor a lecture highlighting plants featured in the plant sale. UDBG Director John Frett will present many of the plants offered in the catalog and at the sale. This is also an opportunity to ask questions about these plants and other garden topics. Refreshments served.

• Pruning Demonstration

Tuesday, March 27, 4:30 – 6 pm

\$5 Friends Members; \$10 Nonmembers

Location: Fischer Greenhouse

Master Gardener Clyde Roberts will provide an overview of pruning basics that will include when to prune, how to prune, equipment to use, and other valuable information. Then he will take you into the UDBG gardens and demonstrate how to properly prune on some of the plants that will be offered in the Spring Plant Sale. Maximum: 20 people. Pre-registration required. Register on Pre-sale Pre-order form.

• Guided Walk of 2007 Plant Sale Highlights

Wednesday, April 18, 4 – 5:30 pm, free and open to the public

Location: Meet at Fischer Greenhouse entrance

Director John Frett will take you on a guided walk to show you UDBG landscape size plants that will be offered in the plant sale. Maximum: 35 people. Please call (302) 831-0153 to register.





Lilacs

The Fragrance of Spring

Lilacs made their way to the U.S. in the early 1600's with the colonists. Long among gardeners' favorite plants, lilacs are cherished for both their floral display and fragrance. So alluring is the flower fragrance, it is often reproduced for perfumes. Early selections were limited primarily to the common lilac, but the fragrance and

floral display were stunning even then. Pyramidal, upright clusters, called panicles, are typically produced on the end of the stems. Flowers range from white to various shades of lavender, pink-lavender, to pink, deep pink, and near red. There are both single and double flowered forms, any and all make a fine cut bouquet. When choosing one lilac over another, flower, color, fragrance, size, and timing should inform your decision.

Lilacs are easy to grow and show great versatility in the landscape. The only significant cultural factor to consider is extended periods of heat during the summer, which is not so much an issue in the mid-Atlantic region. Plants grow and flower best in full sun and moist, well-drained soils. In part shade, plants may show reduced flower production; in drier sites, plants demonstrate reduced growth. Several selections offered in the sale perform beautifully in these less thanideal-situations. Good air circulation avoids moist foliage, which can lead to powdery mildew, although this is more severe on earlier cultivar introductions. Most lilacs grown today have good to excellent powdery mildew resistance. Pruning lilacs helps reduce the incidence of mildew and provides for better flowering. The general recommendation for pruning of all lilacs is to prune after flowering, as lilacs flower on last year's stems. When pruned in the early summer, new flowers will develop for the next year. Pruning late in the year results in the removal of some or all of the flowers for the coming season. When pruning the S. vulgaris and related types, select individual stems to be removed. First, remove some to most of the small sucker stems. Leave a few to replace older, non-flowering stems in the future. If plants are too dense, you may chose to remove some of the medium-sized stems, but keep in mind these will be the most productive stems. Finally, evaluate the older stems. Often they begin to dominate the plant but do not produce many flowers. If this is the case, they should be cut at ground level to make room for more vigorous and productive growth. Very old or overgrown plants can be cut to the ground to rejuvenate plants. Plants will re-grow stems and produce flowers depending on the species. In general, the shrubby species respond best to this type of pruning.







Syringa reticulata Ivory Silk

Latin Name Common Name

Mature Size Light Soil Pot Size, Plant Size Price

Syringa (microphylla 'Superba' × meyeri 'Palibin') 'Bailsugar'

Sugar Plum Fairy® Lilac 4-6' O 4 1 gal, 2' \$15.00 Introduced by Bailey Nurseries, this plant has a compact, mounded habit. Plants have small foliage and a well-branched habit that does not require extensive pruning. Abundant, rosylilac flowers with a traditional heady lilac scent appear in late spring and early summer. The foliage is disease free.

Syringa × hyacinthiflora 'Anabel'

O 4 1 gal, 1-2' \$15.00 Early Flowering Lilac Rated one of the best early flowering pink lilacs, with fully double flowers. Rather than four petals per flower, 'Anabel' produces eight, imparting a much bolder floral display. The flowers produce an appealing fragrance and the foliage is free of mildew.

Syringa × hyacinthiflora 'Mt. Baker'

O 4 1 gal, 3' \$15.00 Early Flowering Lilac 10-12' Early flowering lilac is the earliest of all lilacs to flower, typically emerging 7 to 10 days before the common lilac. Early, pure white flowers terminate branches like candles on a cake. The very fragrant flowers are a delight to cut and bring inside so they can be appreciated. This cultivar has been selected for mildew resistance.

Syringa × byacinthiflora 'Maiden's Blush'

Early Flowering Lilac ○ **4** 1 gal. 3' 8-10' The early pink-lavender, fragrant flowers appear in mid- to late April. The foliage is mildew free and turns burgundy in the autumn, providing color in the fall garden, unlike most lilacs.

Syringa × byacinthiflora 'Excel'

Early Flowering Lilac 8-10' O 4 1 gal, 1-2' \$15.00 One of the earliest-to-flower, this lilac selection has a more compact habit than other cultivars. A free-flowering selection with large, fragrant clusters of single lavender flowers and mildew

Syringa julianae 'George Eastman' 4-6' ○ € 1 gal, 1' \$15.00 There are no truly red flowered lilacs but this cultivar comes closer than any other. The magnificent wine red buds open a deep cerise-pink in flowers. The flowers are stunning on compact, upright plants. The foliage is mildew resistant.

Syringa laciniata

Cutleaf Lilac O 1 gal, 2-3' \$15.00

The fine, lacy-textured foliage is a striking characteristic that set this species apart from other lilacs. In early May, fragrant, pale lavender flowers are produced in 3 inch loose panicles all along the stem. Plants flower reliably in part shade. The foliage is highly disease resistant.

Latin Name Common Name

Mature Size Light Soil Pot Size, Plant Size Price

Latin Name Common Name

Mature Size Light Soil Pot Size, Plant Size Price

Syringa meyeri 'Palibin'

Dwarf Korean Lilac 4-6' O 4 1 gal, 1-2' \$15.00

If you are looking for a compact plant that grows 4 to 5 feet tall and as wide, does not requiring extensive pruning, and has fragrant, lavender pink flowers, you have come to the right place. Flower buds are reddish and open to 4 inch long flower clusters that are effective in the garden for about 2 weeks. The foliage is typically mildew free.

Syringa pekinensis 'Morton'

China Snow® Peking Lilac

15-20' ○ **4** 1 gal, 3'

One of the larger lilac species, Peking lilac is very useful as a small tree. The adaptability and drought tolerance make this a good candidate for urban settings. It is more highly branched and finer texture than *S. reticulata*. Three to 6 inch long flower clusters appear in late spring, before S. reticulata. This cultivar was selected for its upright growth habit and amber colored, exfoliating bark.

Syringa × prestoniae 'Red Wine'

Preston Lilac

8-10' O 🔍 1 gal, 1-2' \$15.00

Considered one of the darkest of the "red" flower types, the deep colored buds open to magenta flowers. It is late flowering with a slight fragrance.

Syringa × prestoniae 'Miss Canada'

Preston Lilac

○ 🔍 1 gal, 1'

A graceful lilac, 'Miss Canada' flowers heavily and produces deep rose-pink flowers in early to mid June. The leaves are dark green with an amazing yellow green fall color.

Syringa reticulata 'Ivory Silk'

Japanese Tree Lilac

20-25' O 4 1 gal, 3-4' \$15.00

(Formerly S. amurensis var. japonicum) A large shrub or small tree habit with cherry-like reddish bark, and deep green leaves make this a good urban tree for small sites. It flowers heavily and later than most lilacs. The flowers are borne in 6 to 12 inch long clusters that are creamy white in early to mid-June but unlike its relatives, has no sweet fragrance. Resistant to mildew.

Syringa vulgaris 'Anne Shiach'

Common Lilac

8-15'

O 4 1 gal, 1-3' \$15.00

The common lilac is still quite popular and with the introduction of new, more mildew resistant cultivars, will remain popular for years to come. This selection produces huge clusters of purple red flowers and retains the strong lilac fragrance that you remember; very rare.

Syringa vulgaris 'Prairie Petite'

Common Lilac

○ **4** 3 gal, 1'

Unlike the old varieties of lilacs, 'Prairie Petite' is a dwarf that does not require much space nor does it require periodic cut back. Fragrant, light pink flowers fade to lavender in the spring. Plants have improved mildew resistance.





TREES

Acer buergerianum Trident Maple

20-35'

O 1 gal, 2-3' \$15.00

The exquisite orange and red fall color, exfoliating, grey-brown-orange scaly bark for winter interest, and small tree habit make this a superb candidate for smaller residential gardens.

Acer carpinifolium Hornbeam Maple

20-25'

9 3 gal, 2-4' \$25.00

Known as the hornbeam maple for its atypical leaves, this is a smaller than usual species. Its bright green leaves open from tight pleats in spring and look like hornbeam leaves. Fall color is a rich gold and brown. Vase shaped and multi-stemmed, hornbeam maple displays a roundheaded canopy.

Acer benryi Henry Maple

30-40'

O 7 gal, 10' \$35.00

Often shrub-like in habit, this small tree is seldom seen in cultivation yet shows great versatility in the garden. Similar to the paperbark maple, the foliage is divided into three leaflets and turns yellow in fall, often with red highlights.

Acer jabonicum 'O isami' Fullmoon Maple O 1 gal. 2-4' \$25.00 12-15' An outstanding maple with large, round green leaves that turn red, yellow, and scarlet in the fall to create a spectacular late October burst of color.

Acer mandshuricum Manchurian maple 30-40' ○ 3 gal, 3-4' \$35.00 This rare tree is the least well known of the three-leafed maples. Its small size and narrower habit make this suitable for smaller spaces in the garden. Leaves turn a magnificent bright red in early October, making it one of the first trees to color in autumn.

20-30' O 7 gal, 7-8' \$45.00 Acer maximowiczianum Nikko Maple Related to the better-known paperbark maple, this slow-growing tree also has trifoliate leaves. Similar to all other plants in this group, the foliage becomes a rich combination of orange to bright red in the fall.

Acer nipponicum Nippon Maple 15-30' ○ 3 gal, 5' \$45.00 This rare maple has boldly textured foliage which turns yellow in the fall. The attractive flowers dangle in long racemes that provide a dramatic display in the spring. A striking plant

Acer palmatum 'Atrolineare' Japanese Maple 8-10' ○ **1** gal, 2-4' \$25.00 One of the best of the narrow leaf forms with deep red foliage throughout the summer. An upright habit separates it from other cultivars in the group.

Ouick Reference for Cultural Symbols

In order to help you select the right plant for your gardening needs, we have included the following symbols to indicate plant needs:

LIGHT RECOMMENDATIONS

O full sun

with green stems.

partial sun

full shade

SOIL MOISTURE RECOMMENDATIONS

dry soil

moist soil

wet soil

These are broad guidelines, as plants often can withstand a wider range of conditions. Plants that prefer part shade may grow well in full sun if there is adequate soil moisture during hot, dry spells. Similarly, plants that prefer moist soils may grow well in drier sites if some shade is provided, especially midday.

Nativity

** [two asterisks] before the Latin name indicates plants are native to the Eastern United States. Cultivars of native plants are also considered native, as these are a selection from variants in the population.

O 7 gal, 4-6' \$45.00

Trees



Acer palmatum 'Glowing Embers'

30-40' O 1 gal, 2-4' \$25.00 Selected by Dr. Michael Dirr, this University of Georgia Gold Medal winner displays a medley of

foliage interest: green fades to purple, then fluorescent orange and yellow.

Acer palmatum 'Ao shime no uchi'

6-8' O 1 gal, 2-4' \$25.00 Japanese Maple

Slender leaves gracefully cascade over branches making it an ideal choice for a container tree or bonsai. Plant looks equally well planted in the garden. Leaves turn a lovely yellow-gold in the fall.

Acer palmatum 'Kotohime' Japanese Maple 2-3' O 1 gal, 1-2' \$25.00 One of the smallest leaved Japanese maples with mature foliage measuring less than ½ inch. New foliage emerges trimmed in red, fades to medium green through the summer and turns yellow-orange in the fall.

Acer triflorum Three-flowered Maple 20-35' O 7 gal, 6-7' A remarkable tree, related to and similar to the better-known paperbark maple. A slow growing, small maple that offers peeling golden-tan bark and trifoliate leaves that turn a combination of bright yellow, orange or red in fall. Quite possibly the most attractive small maple offered.

Acer truncatum ssp. mono Painted Maple 30-40' O 7 gal, 10' \$35.00 Rounded to vase shaped in habit, painted maple's heart-shaped leaves turn yellow-orange in the fall. Differs from purpleblow maple (Acer truncatum) in a more consistent growth habit, smoother bark, and larger leaves.

Aesculus × carnea 'Briotii' Red horsechestnut 20-25' O 4, 7 gal, 4-5' \$45.00 This hybrid between Aesculus pavia, our native red buckeye, and A. hippocastanum, the common horsechestnut, shows disease resistance to leaf scorch and blotch (usually terrible for horsechestnuts). The plant has retained the deep red flowers of red buckeye with the larger size and attractiveness of horsechestnut. 'Briotii' produces rose-red flowers in May.

Aesculus × carnea 'Fort McNair'

Red Horsechestnut 20-25' ○ **4** 3 gal, 2-3' \$35.00 Selected for its superior foliage and large clusters of pink flowers with yellow throats, this

Aesculus hybrid has resistance to leaf scorch and blotch. Selected on the grounds of Ft. McNair, Washington, D.C.

**Aesculus pavia Red Buckeye 15-30' O 7 gal, 2-3' \$25.00 Native to southeastern and southcentral U.S., this adaptable plant can be grown as a large

shrub or small tree. The pure red flowers appear in late spring and contrast well against the deep green foliage. While leaves do not have any significant fall color, they are free from disease.

**Aesculus × neglecta var. tomentosa

Hybrid Buckeye 40-60' O 7 gal, 3-4' \$35.00 A hybrid between A. octandra (our tall, native yellow buckeye with yellow flowers) and

A. sylvatica (our native shrubby painted buckeye with yellow, pink or red flowers) resulted in a tall tree with flower petals light yellow with red veins at the base. This naturally-occurring hybrid flowers in mid- to late spring.

Carpinus fargesii Farge's Hornbeam 20-30' O 7 gal, 10' \$35.00 The foliage is slightly larger than other hornbeams but maintains the impeccable green foliage for which the genus is famous. The pendant clusters of fruit are nearly six inches long.

**Carya myristiciformis Nutmeg Hickory 60-80' O 🕰 1 gal. 1' Although listed as rare in many floras, nutmeg hickory is relatively common in our local woodlands, where it is frequently found in wet woodlands or floodplain habitats. Leaves turn yellow in the fall. Abundant nuts are a major food source for wildlife.

○ **1** gal, 1-2' \$15.00 Carya texana Black Hickory 60-80' The thin-shelled nut makes this adaptable tree very attractive to wildlife. The yellow fall color brightens the autumn landscape. Rare in the trade.

15-25' ○ 3 gal, 4-5' \$25.00 Chionanthus retusus Chinese Fringetree This small tree has cinnamon-brown bark and frilly white flowers borne in such abundance that in May the plants are shrouded in a snowy froth. Female plants produce ½-inch long dark blue fruit considered delectable by birds.

○ **3** gal, 6-7' \$35.00 **Diospyros virginiana Common Persimmon 40-60' Clusters of white flowers typically go unnoticed in the early summer, but if a male and female are in close proximity, the female will produce decorative, plum-sized, orange fruit that persist after the leaves have fallen. The fruits are delicious if eaten when fully ripe, which means very soft and wrinkled. While found in our local woodlands, common persimmon is a difficult tree to find in the trade.

50-60' ○ **3** gal, 3-4' \$25.00 Ginkgo biloba 'Autumn Gold' Ginkgo A male clone, this ginkgo has a distinctive upright conical shape. The stunning yellow fall color is a show-stopper in October.

Ginkgo biloba 'Golden Globe' Ginkgo 60' ○ **3** gal, 3-4' \$25.00 Selected for its broad, rounded habit and clear yellow fall color, this male clone does not yield the odiferous fruits possible when buying seedling-grown trees.

**Gymnocladus dioicus Kentucky Coffeetree 60-75' ○ 🖳 7 gal, 6-8' This pea-family member is very adaptable in the landscape and provides filtered shade beneath the canopy. On female plants, four- to ten-inch long, leathery, reddish-brown seedpods create interest in the winter landscape.

**Halesia diptera var. magniflora

Two-winged Silverbell

A stunning native plant with branches draped with white, bell-shaped flowers in spring. The one-inch flowers are much larger than the species or other Halesia. Two-winged silverbells flower abundantly when young and will continue to delight for years to come.

20-30'

**Halesia tetraptera Carolina Silverbell 30-40' O 7 gal, 4-5' \$35.00 Carolina silverbells are a more upright growing plant that can be grown as a small tree. The approximately ¾ inch white, pendulous bells adorn the branches in the spring before the leaves appear. A classy native plant that will fill a multitude of roles in your garden design.

Ilex × *attenuata* 'Nasa' Holly 8-10' O 3 gal, 3-4' \$25.00 This is a compact form of Foster's holly that maintains the distinctly narrow foliage and abundant red fruit. Plants mature at 8 to 10' tall and 4 to 6' wide.

Ilex opaca American Holly 30-40' ○ **3 gal, 5' \$35.00 Our most majestic native holly tree with a conical shape and red berries in the fall that persist through winter. One of the best large evergreens for dry shade and for its value as a screening plant; a slow grower.

**Ilex opaca 'Arden' American Holly ○ 3 gal, 4-5' \$35.00 30-40' This locally selected, native American holly was discovered in the community of Arden in Northern Delaware. The dark, glossy green foliage, red berries, and compact growth make this a great specimen compared to other cultivars.

**Ilex opaca 'Canary' American Holly ○ 3 gal, 3-4' \$35.00 The striking yellow fruit of this American holly cultivar will surely turn heads. The bright fruit against the very glossy, dark green foliage brightens the garden.

**Ilex opaca 'Satyr Hill' American Holly 30-40' ○ 3 gal, 4-5' \$35.00 The broad, oval foliage of this cultivar is more rounded than that of the straight species, and is a medium to dark green with a nice luster that contrasts well with the plentiful red fruit.

15-20' ○ 3 gal, 3-4' \$25.00 *Ilex pedunculosa* Longstalk Holly An underutilized, very cold hardy holly often overlooked because the foliage lacks spines, in many ways an advantage when it comes to maintenance. The elegant, undulating leaves impart a grace that few other hollies achieve. Loved by birds, the red berries dangle on elongated stems (called peduncles) and contrast nicely with the dark green foliage.

**Liriodendron tulipifera 'Mediopictum'

Tulip Tree 60-80' O 7 gal, 9-10' \$45.00

This cultivar is a new twist (of lime) on the species. Leaves have a subtle variegation with a combination of dark and lime green in the foliage. The tulip-shaped flowers are yellow green with orange as in the species.

Magnolia 'Butterflies' Magnolia 15-25' O 3 gal, 4-5' \$45.00 One of the most deeply colored of the yellow magnolias. Three-inch flowers appear before the leaves on a small tree of compact, pyramidal form. Flower color does not fade in warmer temperature as with some of the other yellow-flowered magnolias.

Magnolia 'Elizabeth' Magnolia 25' ○ 3 gal, 4-5' \$45.00 This was one of the first, and possibly the finest, of the yellow hybrid magnolia introductions by Brooklyn Botanic Garden. Soft, primrose-yellow, fragrant flowers appear in late April, before

the foliage. Cross between Magnolia acuminata and M. denudata. O \$25.00 Magnolia 'Galaxy' Magnolia 25'

A 1992 winner of the Pennsylvania Horticultural Society Gold Medal Plant Award, 'Galaxy' offers striking, dark red-purple blossoms that appear in spring. Perfect for small gardens because of its narrow upright habit, Galaxy's sweetly fragrant flowers lightly perfume your garden.

**Magnolia acuminata var. subcordata 'Miss Honeybee'

○ **3** gal, 4' \$45.00 Magnolia

This yellow magnolia surpasses many of the hybrid yellow magnolias. The 2½ inch golden yellow flowers contrast with the deep green foliage in mid to late spring producing a dramatic

Magnolia fordiana Magnolia 35' O 1 gal, 2-3' \$35.00 An extremely rare evergreen magnolia with slender foliage, this plant produces erect facing, white flowers with red stamens that have a wonderful fragrance. Zone 7a plant, which means it requires some protection.

Magnolia insignis Magnolia ○ 3 gal, 3-4' \$45.00 A very rare magnolia with stunning flower color beautifully offset by evergreen foliage. The flowers vary from deep pink to a deep purplish red, to a richly-hued dark red. This magnolia is

hardy to 7a, so plant in a protected site. Magnolia × loebneri 'Leonard Messel'

Loebner Magnolia 15-20' ○ 3 gal, 4-5' \$30.00

A lovely shrub or small tree with fragrant, clear pink flowers appearing in April. Originating at Nymans Garden in West Sussex, England, famous for its collection of rare plants.

20' 3 gal, 4-5' \$45.00

The magnificent pyramidal habit is seldom seen in American gardens. 'Iufer' offers starry white flowers borne abundantly in spring but differs from the species by virtue of the dramatic, red-tipped anthers.

Magnolia sprengeri 'Diva' Magnolia 30-50' ○ 3 gal, 5-6' \$35.00 The erect, 8 inch, rosy-pink flowers create a delicate floral display in early spring. Blooms at a young age.

Magnolia sprengeri 'Eric Savill' Magnolia 30-50' ○ € 7 gal, 4-6' \$45.00 A seedling of 'Diva' originating at Savill Garden in England. An early, spring flowering magnolia with large, 6 to 8 inch wide flowers with a heavenly scent. The showy, deep redpurple flowers produced on naked stems maximize floral impact.

**Magnolia virginiana 'Henry Hicks'

**Magnolia virginiana 'Jim Wilson'

Moonglow® Sweetbay Magnolia 35-40' \bigcirc \bigcirc \bigcirc 1 gal, 3-4' \$25.00 Distinct in its narrower, more upright habit, and semi-evergreen foliage, plant sweetbay where you will enjoy the fragrant, ivory-colored flowers and lovely red fruits which the birds adore. Flowers in late spring and early summer.

Platanus orientalis Oriental Planetree 50-60' ○ € 3 gal, 5-6' \$35.00 A native of China, this large tree is the source of resistance to anthracnose for the common P. × bybrida. The flaking bark offers a colorful blend of creams and grey. Glossy green, large leaves are coarsely textured and deeply lobed.

**Quercus coccinea Scarlet Oak 50-60' © 3 gal, 3-4' \$25. Long considered one of the best native oaks for fall color, the red to scarlet foliage is spectacular. Superior to pin oak, scarlet oak does not have drooping lower branches. Acorns valued by wildlife.

**Quercus falcata var. pagodifolia

Cherrybark Oak 70-100' O C. 3 gal, 4-5' \$25.00 A moderately fast-growing variety of southern red oak which occurs as far north as the New

A moderately fast-growing variety of southern red oak which occurs as far north as the New Jersey pine barrens and southeastern Pennsylvania. Its common name refers to its bark, which is similar to that of wild cherry. An excellent timber tree with red fall color.

**Quercus ilicifolia Bear Oak 15-25' O . 3 gal, 3-4' \$20.00 Native to the New Jersey pine barrens where it offers important cover and abundant acorns for small animals. This slow growing, compact and very drought tolerant oak is excellent for naturalizing or using in small gardens. Medicinal plant used by the Iroquois Indians.

**Quercus prinus* Chestnut Oak 60-80' © © 3 gal, 4-5' \$25.00 A member of the white oak group and native throughout much of the east coast of the U.S. in habitats that often have rocky soils and are nutritionally poor. Leaves are evenly toothed, and slightly reminiscent of the sharply toothed leaves of American Chestnut, hence the common name. Does well in dry soil.

**Robinia pseudoacacia 'Umbraculifera'

Contorted Black Locust 10-20' Q 35.00

Grown for its bold architectural form, this tree is best appreciated in the winter landscape when the foliage is not present. The first time I saw this plant was in Kew Gardens, London, England, where I stood for 15 minutes in the rain, in awe of its architectural form. Flowers are fragrant white and occur in spring.

CONIFERS

Abies nordmanniana Nordman Fir 40-60' ○ 3 gal, 1-2' \$25.00 Arguably one of the most elegant of firs, offering a stately, narrow pyramidal form and deep green foliage. Slow growing, but worth the wait.

Latin Name Common Name Mature Size Light Soil Pot Size, Plant Size Price

**Juniperus scopulorum 'Blue Haven'

Pseudolarix kaempferi Golden Larch 30-50' ○ € 3 gal, 4-5' \$25.00 Graceful conifer with very soft textured foliage and unique green to purplish cones. The foliage turns golden yellow before dropping in the fall.

Taxus × *media* 'Everlow' Yew 3-4' ○ € 1 gal, 1' \$20.00 A low growing spreader with dark green needles. Ideal for foundations or hedges, plus it is also resistant to wind damage.

 $\textit{Taxus} \times \textit{media}$ 'Viridis' Yew 10-12' $\bigcirc \bullet \bigcirc \bullet$ 1 gal, 1' \$20.00 The strikingly upright form can be used individually or repeatedly within the garden depending on the desired impact. The new foliage is bright yellow green and fades to a medium green during the summer.

**Thuja occidentalis 'Holmstrup'

Eastern Arborvitae 8-10' © 1 gal, <1' \$15.00 A good candidate for an evergreen hedge as the plants grow very narrow and tall, with a dense habit. Once established, 'Holmstrup' demonstrates good heat and drought tolerance.

Thuja plicata 'Grovepli'

The tight pyramidal habit makes this a useful large screen that shows good resistance to deer browsing. Fast growth, combined with a good dark green foliage color in the winter, and you have a real winner!

SHRUBS

Abelia chinensis 5-7' ○ € 1 gal, 2' \$15.00

The compact habit is a result of its origin as a variegate sport off *A.* × *grandiflora* 'Compacta'. The leaves are edged in silver to cream creating a plant that appears to always be in flower. The white fragrant flowers are produced through much of the summer and fall.

Abeliophyllum distichum 'Roseum'

White Forsythia 3-5' O 1 gal, 3' \$15.00

The "white forsythia" with pale pink flowers! Flowering early in the spring, *Abeliophyllum* is not a forsythia, but a close relative with exceptionally fragrant flowers. Flowers outside in March to April; however, bring spring inside by cutting branches to force.

**Amelanchier × grandiflora 'Autumn Brilliance'

Apple Serviceberry 20-25' O 3 gal, 5-6' \$25.00 An easy-to-grow small tree with abundant white flowers in April followed by delectable redpurple fruit relished by birds and saavy humans, who eat them as you would blueberries or bake into pies. Stunning red-orange fall color.

***Andromeda glaucophylla Bog Rosemary 1-2' O 1 gal, 1' \$15.00 The white urn-shaped flowers are borne in tight clusters in spring and are displayed well against the fine textured foliage. Protect plants from excessive heat and maintain a moist soil environment for best growth. Good drainage and acidic, humus-rich soil are also helpful.

**Aronia arbutifolia 'Brilliantissima'

Red Chokeberry 6-10' © \$\mathre{C}_{\text{\$4\$}}\$ gal, 3-4' \$20.00 An oldie but goodie. A hard-to-beat shrub based on cultural adaptability in the landscape. Add

An oldie but goodie. A hard-to-beat shrub based on cultural adaptability in the landscape. Add to this the white flowers in spring, followed by red fruit display throughout the winter, and bright red color in the fall and you have an extraordinary plant.

Berberis × gladwynensis 'William Penn'

Barberry 4' 0 \$3 gal, 1' \$20.00
Dense and mounded, this low shrub's best feature is its dark green foliage that turns bronze in

Dense and mounded, this low shrub's best feature is its dark green foliage that turns bronze in the winter. Dark yellow flowers add attraction in the spring.

Buddleja davidii 'Adokeep'

Adonis Blue™ Butterfly Bush 4-5' O € 1 gal, 2' \$15.0

Fragrant, dark violet-blue flowers, silvery-grey foliage, and a compact nature make this plant very useful in the perennial border. One of the English Butterfly Series TM , 'Adonis Blue' blooms mid-summer to fall.

Buxus microphylla 'Faulkner' Boxwood 2-3' O 1 gal, 1' \$15.00 Well behaved, evergreen shrubs are always difficult to find. This boxwood selection is ideally suited for use as a compact hedge or in a tight corner due to its small habit.

Conifers



Shrubs

Shrubs



**Callicarpa americana

○ 3 gal, 3-4' \$25.00 American Beautyberry 8-10'

Native to the southeastern U.S., American beautyberry boasts a spectacular display in the late summer and fall garden. The vivid purple fruit are so stunning, you will want to cut branches to bring inside and brighten up your home. Prune back in early spring for more compact habit; good mid- to back of border plant with a loose open habit.

Callicarpa bodinieri var. giraldii 'Profusion'

Beautyberry 8-10' O 2 gal, 2-3' \$15.00

An appropriate cultivar name for the copious number of violet berry clusters produced in the fall and well into the winter months. Young leaves emerge bronze purple and turn pink-purple in the fall. The lavender flower clusters are produced in the summer on new wood so plants can be cut back in the early spring if a more compact habit is desired.

O 1 gal, 2-3' \$20.00 Calycanthus chinensis Chinese Sweetshrub 6-9' Formerly Sinocalycanthus, this is a great shrub regardless of its name. Camellia-like flowers (4 inch diameter) with blush-pink to white on the outside, yellow inner tepals, and a ring of yellow stamens bloom for a month or more in late spring-early summer. No fragrance to the flowers; however, the glossy green leaves provide a lovely backdrop to the flowers.

Camellia 'Snow Flurry' ● 🔍 1 gal, 1'

A vigorous growing hybrid produced by Dr. William L. Ackerman at the U.S. National Arboretum, floriferous at an early age. Among the hardiest of the camellias, with plants known to grow as far north as southern Maine. 'Snow Flurry' produces gorgeous double white flowers late October into December.

● ■ 1 gal, 1-2' \$20.00 Camellia japonica Japanese Camellia 6-10' These plants were vegetatively propagated from a plant donated by the Morris Arboretum. The original plant was grown from seed collected at the coldest end of the species range in Korea. The result is a single, red-flowered plant that survived 7° F with no damage. Excellent foliage and good flowers — what more could a person want?

Camellia sasangua Sasangua Camellia 6-10' ● 🔍 1 gal, 1-2' \$20.00 An easy way to avoid winter cold or spring frost damage to flower buds is to flower in the fall which is exactly what this camellia does. This camellia produces single pink flowers.

Camellia sasanqua 'Long Island Pink'

Sasangua Camellia 6-10' ● 🔍 1 gal, <1' \$15.00

Clear pink flowers appear in November and continue into December providing 8 weeks of color. Deep green, very shiny leaves continue interest throughout the winter.

Carvopteris × cladonensis 'Durio'

Pink Chablis™ Bluebeard 2-3'

A unique compact cultivar of bluebeard, 'Durio' has pink flowers rather than the typical blue. Abundant flowers in mid- to late summer are relished by butterflies.

Caryopteris × cladonensis 'Minibleu'

Petit Bleu™ Bluebeard 2-3 O 1 gal, 2-3' \$15.00

Clusters of blue flowers appear from late summer until frost. Soft grey foliage nicely complements the flowers. Prune hard in early spring and plant in well-drained soil.

Caryopteris incana 'Jason'

O 1 gal, 2-3' \$15.00 Sunshine Blue Bluebeard

Bright yellow leaves are a striking contrast to the deep amethyst blue of the late summer and fall flowers. Robust and easily grown in the garden.

Ceanothus × pallidus 'Marie Simon'

New Jersey Tea 2-31 ○ 3 gal, 2-3' \$20.00

A dainty shrub with a compact habit, it requires a well-drained soil. The profuse, soft pink flowers appear in early summer and give way to attractive red capsules in late summer and

**Cephalanthus occidentalis 'Sputnik'

Buttonbush 4-6' Excellent plant for wet or moist sites! A native found in swamps and bogs in much of the

eastern U.S. 'Sputnik', was selected for its large flower clusters produced over a long time in mid- and late summer. Fruits add ornamental interest in fall-winter.

Cercis chinensis 'Avondale' Chinese Redbud 6-10' O 1 gal, 2' Stunning for the bare stems studded in deep, rich rose-purple flowers in the spring, 'Avondale' blooms before the leaves emerge. Chinese redbud is shorter and shrubbier than our native

Cercis chinensis 'Don Egolf' Chinese Redbud 6-10' O C. 1 gal, 1' \$25.00 A recent release from the U.S. National Arboretum named for the late Donald Egolf, one of the foremost plant breeders of ornamental woody plants in the U.S. This prolific flowering selection grows slowly and is suitable for smaller gardens. The great advantage is that it does not produce seeds that zap vigor from a plant. It has shown good resistance to canker.

Cletbra alnifolia 'Compacta' Summersweet 3-4' ○ **4 gal, 3-4' \$25.00 A truly compact plant, this mounded shrub is great for specimen use or massing. The sweetly fragrant, white flowers are a feast for the eyes and nectar-seeking insects. Summersweet will bloom in shady locations.

**Clethra alnifolia 'Sherry Sue'

○ 3 gal, 3-4' \$25.00 Redstem Summersweet

New stems are bright pink-red throughout the growing season, complementing the fragrant, pink flowers. Blooming when little else is.

**Clethra alnifolia 'Ruby Spice'

4-6' Summersweet

Arguably one of the best of the pink flowered cultivars prized for its fragrant, non-fading, ruby-red flowers that bloom in late summer. Plants may also be more compact than other pink cultivars.

**Comptonia peregrina Sweetfern 2-3' O 3 gal, 2' Sweetfern fixes nitrogen to allow it to thrive in sandy soils. The fine-textured foliage is fragrant when crushed or brushed up against, and reputably, an aid in the relief of poison ivy rashes.

Cornus kousa 'Autumn Rose' Kousa Dogwood 15-25' ○ 3 gal, 3-4' \$35.00 Fall foliage changes from a light green in the summer to various shades of pink and red resulting in the cultivar name. The flower bracts mature to a soft white to yellow or lime green in the late spring and early summer.

O 7 gal, 4-5' \$45.00 Cornus kousa 'Big Apple' Kousa Dogwood 20-30' Introduced by the Polly Hill Arboretum, 'Big Apple' is an appropriate name in several ways. The fruit are exceptionally large, up to 1½ inches, and the white bracts measure 5 to 6 inches across. The colorful exfoliating bark and excellent red fall color are similar to the species.

Cornus kousa 'Hanros'

Radiant Rose[™] Kousa Dogwood

O 7 gal, 4-5' \$45.00 20-30' The quest is on for a pink flowered Chinese dogwood and this plant results from that pursuit. The flower bracts are pink; the cooler the spring, the deeper the pink. 'Hanros' is slightly

smaller with a more upright growth habit than other pinks.

Cornus mas Cornelian Cherry 20-251 O 35.00 7 gal, 6-7' \$35.00

Just when you think winter will never end, Cornelian cherry's bright yellow flowers herald spring. March flowers cover the naked stem and may well be the first shrub to flower in your garden. Flowers are followed by bright red, edible fruit, about the size of a cherry.

Cornus sanguinea 'Winter Flame'

8-10' Winter Flame Dogwood O 1 gal, 2-3' \$20.00

The 2-inch clusters of white flowers in the spring to early summer are followed by fruit which is readily consumed by the birds. Winter stems appear as if ablaze, with fiery-orange bases that transition to yellow, pink, and red as you move up the stem. Fall color is a handsome golden

Corylopsis pauciflora Buttercup Winterhazel 4-6' O 1 gal, 1-3' \$25.00 The smallest and most graceful of the winterhazels and difficult to find in the trade. The pale yellow flowers are produced in the early spring before forsythia. Summer foliage is a distinctive bright green with prominent bristle-tipped teeth.

Corylopsis spicata Spike Winterhazel Pleasing year round, winterhazel will enchant in early spring before little else is in bloom. Bare branches glow with clusters of pendant, pale yellow flowers, sweetly scented. As flowers fade, pretty leaves unfurl. A wide-spreading, twiggy shrub with an attractive zig-zag habit of growth. Cut branches early to bring inside and force.

Cotinus coggygria 'Ancot'

Golden Spirit[™] Smoketree 8-15' O 4 2 gal, 3-4' \$20.00

The bold yellow-gold foliage suffused with lime-green, holds its color even in full sun. Plants can be cut back regularly to reduce the height and maximize the foliage color. Fall color includes amber, burgundy, scarlet, and green. "Smoke puffs" created by fading flower clusters.

Cotinus (obovatus × coggygria) 'Grace'

O \$25.00 \$25.00 Smoketree 10-15'

This hybrid between the European and American smoketrees has a lot to say grace for. Leaves emerge in spring a light red, darken throughout the summer, and in fall erupt into fiery red with orange highlights. Frothy pink panicles are 14 inches high and 12 inches wide. Can be cut back to the ground in late winter and grown as a cut-back shrub.

Cotoneaster borizontalis 'Perpisillus'

Rock Cotoneaster ○ 🔍 🛂 3 gal, 2' \$20.00

Prostrate shrub with very dark green leaves and pinkish red flowers in the spring. Plants are typically semi-evergreen in the mid-Atlantic region. A great addition in any rock garden, it is also very adaptable.

Daphne mezereum February Daphne 2-41 ●● ■ 1 gal, 1' \$25.00 A better common name may be the March daphne as plants flower March to April. Numerous lilac to rosy pink flowers adorn the plants and perfume the garden. Plant it in sites with sharp

Dapbne × burkwoodii 'Carol Mackie'

Burkwood Daphne 3-4' •• 4 1 gal, 1-2' \$25.00

In spring, deliciously fragrant white flowers open from pink buds. Cream-colored leaf margins provide additional interest. Deciduous daphne with good cold hardiness. If you've heard its hard to keep daphnes alive, this one's a cinch to grow.

Daphniphyllum macropodum

Daphniphyllum

○ 3 gal, 2-3' \$25.00 10-20'

The bold foliage of this broadleaved evergreen shrub is its trademark. The large, elongated leaves resemble those of a rhododendron but are silver underneath. Dark maroon flower buds are attractive in the early spring and the purple-blue fruit is borne abundantly on female plants in the fall and winter.

Deutzia 'Pink Minor' Deutzia

○ **4** 3 gal, 1-2' \$20.00 2-31

Deutzias are well known for their spectacular flower display and this selection does not disappoint. Light pink flowers obscure most of the plant in mid-spring. The compact stature of this selection makes it even more useful in a variety of garden situations.

**Diervilla lonicera Dwarf Bush-Honeysuckle 2-3' ○ 3 gal, 1-2' \$20.00 The low-spreading habit makes this an ideal plant for massing in most any light condition. The delicate sulfur-yellow flowers are produced in summer and linger into early fall.

O 1 gal, 1-2' Disanthus cercidifolius Redbud Hazel 6-10' Mike Dirr describes this plant as "a magnificent, but rare, plant that is worthy of the discriminating gardener's attention." The heart-shaped leaves put on a spectacular show every fall, beginning with burgundy hues followed by oranges and gold, and finally merlot-red. Small, spidery-shaped, burgundy flowers resemble starfish; like its relative witchhazel, flowers appear as the leaves begin to fall.

Distylium myricoides Isu Tree

○ 1 gal, <1' \$20.00

A relative of the witchhazel, with a low broad habit and narrow, blue-green evergreen foliage splayed neatly on either side of the stem make this rare plant worth a try. The small crimson red flowers clustered in the axils of the leaves are seen through the bud scales all winter, emerging in spring. A consistent performer that has escaped winter damage at the UDBG for more than 10 years. Zone 7.

Distylium racemosum Isu Tree 6-10' O 1 gal, <1' \$20.00 The dark, lustrous evergreen foliage makes a bold statement on this broad upright shrub in the winter. The small clusters of maroon flowers in the spring reward the close observer. The plant in the UDBG has not had any winter damage in its 10 years in the garden. Zone 7.

O \$35.00 Enkianthus perulatus White Enkianthus 4-6' Vibrant red and orange in the fall, clusters of pendulous, white bell-shaped flowers in the spring, and a neat compact habit with a layered branching habit make this plant difficult to resist. A rare plant difficult to find in the trade but easy to grow.

Forsythia × intermedia 'Courtalyn'

Week End™ Forsythia

5-6' ○ 3 gal, 3-4' \$20.00

A cultivar with an improved growth habit, lacking the wild, tangled branches of many cultivars. The stems bear abundant gold flowers that are evenly distributed over the plant 2-3 weeks later than many forsythias.

Forsythia × intermedia 'Gold Leaf'

Forsythia 6-8' ○ 3 gal, 2-3' \$20.00

You expect abundant yellow flowers from forsythia in the spring, but the yellow to lime green summer foliage is an added bonus from this cultivar.

Forsytbia × intermedia 'Golden Times'

Forsythia

O 3 gal, 2-3' \$20.00 6-8

The early spring yellow flowers are only the beginning! The attractive gold and green leaves add additional interest after the flowers have gone.

Forsythia × intermedia 'Mindor'

Show OffTM Forsythia

O 1 gal, 1-2' \$15.00

Compact plants produce a blizzard of golden yellow flowers in the early spring. Noted for producing flowers the entire length of the stem.

Forsythia viridissima 'Bronxensis'

Bronx Green Forsythia

○ 3 gal, 1-2' \$20.00 1-1.5'

Arguably the ideal forsythia, growing only 12 inches tall and spreading 2 to 3 feet across, and no pruning necessary to keep in check. A good groundcover for sunny spots, the bright green stems are packed with primrose-yellow flowers in the early spring.

Forsythia viridissima var. koreana 'Kumson'

Forsythia

○ 3 gal, 1-2' \$20.00 4-6'

The striking variegation of this plant reveals the intricate, lacy network of veins in forsythia leaves; the impact is stunning and remains through the growing season. Upright arching branches produce yellow flowers in the spring.

**Fothergilla major Large Fothergilla

A first rate garden plant, beginning with ivory white, honey-smelling flowers in spring, dark blue-green leaves in summer, and finally, yellow to orange to scarlet coloration in the fall. Dirr describes this plant as "the most beautiful shrub for autumn coloration."

**Franklinia alatamaha Franklin Tree 10-20' O 1 gal, 1-3' \$25.00 Difficult to find in the trade, the Franklin tree is worth growing for its history alone. Named for Benjamin Franklin, this native tree is now extinct in the wild. Upright plants produce fragrant, 3 inch, magnolia-shaped white flowers in summer, sporadically into fall. Leaves turn shades of maroon to bright red in fall.

**Gaultheria procumbens Wintergreen

6'' ●● ■ 1 gal,<1' \$12.00

Evergreen foliage, white flowers in the spring and red fruit in fall to winter make this plant a must-have for any native or woodland garden. One of our finest native plants, Wintergreen requires humusy, acidic, well-drained soil.

Heptacodium miconioides Seven-son Flower 15-20' ○ 3 gal, 5' Another shrub with multiple seasons of interest: Soft green leaves and showy white flowers in summer, and red-capsuled fruits and attractive scaly bark in winter.

Hydrangea macrophylla 'Dooley'

Mophead Hydrangea

○ 3 gal, 1-2' \$20.00 4-5'

Unlike other mophead cultivars, 'Dooley' sets flower buds at each node and often bloom in summers where other mopheads lost flowering buds due to harsh winters. Soil pH affects the flower color (blue-acidic; pink-slightly alkaline).

Hydrangea paniculata 'Tardiva'

Panicled Hydrangea

○ **4** lgal, 3-4'

Large, ball-like clusters of white flowers stand atop stout stems in late summer, unlike other panicled hydrangeas whose stems bow under the weight of the flowers.

**Hydrangea quercifolia 'Pee Wee'

Oakleaf Hydrangea

○ 3 gal, 3-4' \$25.00

'Pee Wee' is most known for its compact size, half the mature size of the straight species. Perfect plant for under the windowsill, where you can enjoy white summer flowers and burgundy red fall color.

Hypericum androsaemum 'Golden Tutsan'

St. John's Wort

O 1 gal, 3' \$15.00 1-2"

Leaves emerge chartreuse yellow and retain this color throughout the summer, making it useful for shady garden spots. In summer, bright yellow flowers are followed by red fruits.

**Hypericum kalmianum 'Cfflpc-1'

Blue VelvetTM St. John's-Wort

○ 🖳 1 gal, 2' 2-3'

Striking blue, strap-shaped leaves on a compact, mounded plant are excellent planted in masses. Plants produce numerous yellow flowers summer into fall.

Ilex 'Mary Nell' Holly

20-30'

○ **4** 3 gal, 5-6' \$20.00

A lusterleaf holly hybrid (*I. cornuta* 'Burfordii' × *I. pernyi* 'Red Delight') × *I. latifolia* if you want the whole story!) with deep green, shiny foliage. This, combined with showy, bright red fruit, makes it a knockout in the garden.

Ilex (verticillata × serrata) 'Sparkleberry'

Hybrid Winterberry

8 -12' O 3 gal, 3-4' \$20.00

Plants are distinctly upright and can become somewhat large with time. Unlike some of the newer selections, 'Sparkleberry' has a magnificent fruit display but maintains a much more natural appearance in the landscape. The fruit persist late into the winter, sometimes into March

Ilex × *meserveae* 'Heckenfee'

Castle Spire™ Blue Holly

8-10'

3 gal, 4-5' \$20.00

This pyramidal-shaped evergreen is ideal as a screen or planted near a house as its red berries are delightful sights to enjoy in the winter.

**Ilex verticillata 'Jim Dandy'

Winterberry Holly

○ **3** gal, 2-3' \$20.00 3-6'

A male with a compact habit, this selection serves as a good pollinator for 'After Glow', 'Aurantiaca', 'Berry Nice', 'Cacapon', 'Oosterwijk', and 'Red Sprite'.

**Ilex verticillata 'Southern Gentleman'

Winterberry Holly

6-9' ○ **3** gal, 5-6' \$20.00

A vigorous male pollinator that will pollinate many female hollies, in particular 'Cacapon', and 'Sparkleberry'.

**Ilex verticillata 'Spriber'

Berry NiceTM Winterberry

O 3 gal, 2-3' \$20.00 6-8

The fruit display on this cultivar is so vivid that the original plant was selected seeing it from a distance of ¼ mile! The dark red fruit is larger than many other selections of winterberry and borne abundantly. Plants have good mildew resistance.

Indigofera pseudotinctoria 'Rose Carpet'

○ **3** gal, <1' \$15.00

This diminutive plant works well as a groundcover or in groups in the garden. Although small in size, the pink flowers throughout the summer and into the fall make a big impact.

Itea chinensis Chinese Sweetspire

3-4'

1/2-11

The large evergreen foliage has a distinctively serrated margin and glossy surface. Plants produce white spires of flowers in early summer.

**Itea virginica 'Sprich'

Little HenryTM Sweetspire

2-3'

○● **%** 1 gal, 2-4' \$15.00

This is a compact form of Virginia sweetspire. The 3 to 4 inches, white flowers are produced in the summer and the foliage is a spectacular red purple in the fall.

Shrubs



Itea yunnanensis Sweetspire 6-10' ○ ♣ 3 gal, 3-4' \$25.00 Evergreen form with glossy foliage and attractive white flowers. Foliage is not as large or glossy as *I. chinensis*. Plants should be sited in a protected garden corner. UDBG plants have survived 5° F without damage.

**Kalmia angustifolia Lambkill Kalmia 1-3' O

1 gal, 1-2' \$20.00 A small version of the more common mountain laurel, this diminutive plant produces enormous flower clusters for its size. The evergreen foliage serves as a good backdrop for the white to pink flowers in May.

Kolkwitzia amabilis 'Maradco'

Dream Catcher™ Beautybush 6-10' ○ 6.1 gal, 2' \$15.0 Beautybush is an appropriate name, as the display of soft pink flowers in spring is magnificent! Often faulted for a lack of presence in the summer garden, this selection has yellow summer foliage and golden orange fall color.

Leptodermis oblonga Leptodermis 2-3' O S. 3 gal, 1-2' \$20.00 A terrible common name but a fabulous plant. The small lilac flowers are produced in abundance from early summer into autumn. What they may lack in size, they make up for in number, longevity, and fragrance.

Lespedeza bicolor 'Summer Beauty'

Bush Clover 4-5' Question 15.0 (15.2) I gal, 2' \$15.0 The numerous violet pink flowers are a show-stopper at a time when many plants are fading away for the year. Gracefully weeps to form a wide-mounded shrub.

Lespedeza thunbergii 'Edo Shibori'

Bush Clover 3-6' O C. 1 gal, 4' \$15.0 The two-tone pink and white flowers that appear in mid- to late summer are unusual. Lespedeza are tough and adaptable.

Lespedeza thunbergii 'Pink Fountain'

Bush Clover 6-9' \bigcirc \bigcirc \bigcirc \bigcirc \bigcirc 1 gal, 1-2' \$15.00 The clear pink flowers are borne on arching stems in the latter part of the summer. Plants are

Unlike the more commonly seen Drooping Leucothoe, this shrub is deciduous. But before the leaves drop in the fall they turn an attractive red. In early summer, white, urn-shaped flowers are profusely borne and easily appreciated. Forms colonies.

**Leucotboe recurva Fetterbush 4-6' \bigcirc 1 gal, 1-3' \$15.00 Some gardeners are disappointed when they learn that this shrub is deciduous, but when they see the gorgeous red fall color, this disappointment fades. Combined with the delicate white spring flowers, this is a fabulous plant.

Lindera erytbrocarpa Spicebush 15-20' O S 3 gal, 4-6' \$20.00 The lemony fragrance of the bruised stems is always a give away that you are looking at spicebush. This species has oblong foliage that turns a stunning yellow in the fall. Yellow flowers are produced in the early spring and give rise to red fruit in the fall.

Lindera praecox Spicebush 8-15' ○ € 1 gal, 2-3' \$20.00 Closely related to our native spicebush, this Asian shrub produces ¾ inch yellow flower clusters in March and April. The bright red fruit produced by female plants are larger than most other species and nicely accent the vivid yellow fall foliage.

Loropetalum chinense var. rubrum

Chinese Fringe-flower 5-8' O 1 gal, <1' \$15.00 An evergreen shrub that flowers in February or March with vibrant fuchsia pink flowers and reddish new foliage! The only catch is that fringe-flowers require a protected site. The plant at the UDBG, grown in a protective site, is now 6 feet tall after 12 years.

Loropetalum chinense var. rubrum 'Fire Dance'

Mahonia repens Creeping Mahonia 1-1½' 0 1 2al, 1' \$15.00 The prostrate habit of this plant makes it well suited to use as a groundcover, especially in partial or full shade. The evergreen foliage emerges with a maroon cast, turns bluish green through the summer, and then the foliage assumes a bronze hue in the fall and winter. Bright yellow flowers appear in the early spring.

**Osmanthus americanus Devilwood 15-25' O 3 gal, 4-5' \$35.00 Dark olive colored, evergreen leaves, nicely accent fragrant, creamy-white flowers in early spring and dark blue fruit in fall that attracts birds. Open habit.

Osmanthus beterophyllus Holly Osmanthus 8-10' ○ € 3 gal, 5-6' \$25.00 The evergreen foliage and ease of cultivation provide for a useful shrub. Plants are often used as shorn hedges, screens or evergreen accents in the shrub border. The sweetly fragrant, white flowers appear in the fall.

Osmanthus heterophyllus 'Purpureus'

Holly Osmanthus

8-10'

\$\int 3 \text{ gal}, 2-3' \quad \$\text{\$20.00}\$

The new foliage emerges deep purple in spring and fades to a green with purple hints in early summer. The intensity of the color returns with the cool fall and winter weather. Plants produce fragrant white flowers that can be smelled throughout the autumn garden. This cultivar is considered to be the hardiest of the species.

Osmanthus heterophyllus 'Variegatus'

Osmanthus × fortunei Fortunei's Osmanthus 15-20' ○ € 3 gal, 4-5' \$25.00 Rounded, upright, evergreen shrub with extremely fragrant white flowers in the fall. Holly-like, leathery, dark green leaves. Height can be controlled by pruning at any age.

Partbenocissus benryana Silvervein Creeper Vine ○ € 3 gal, 1-2' \$20.00 If you are intrigued by beautiful foliage, this vine is perfect. Bluish-green leaves conspicuously veined with white, and sometimes pink in the center, turn bright red in the fall.

Philadelphus × lemoinei 'Innocence'

Philadelphus × lemoinei 'Manteau d'Hermine'

Mockorange 3-4' O 3 gal, 2-3' \$20.00 Renowned for its fragrant flowers in the spring, this mockorange cultivar also produces double white flowers that enhance the visual impact and is finer textured than the species.

**Physocarpus opulifolius 'Minda'

CoppertinaTM Ninebark 6-8' Q gal, 4-5' \$20.00 Who needs flowers with foliage like this! New leaves emerge copper then deepen to red in summer. Ninebark produces white flowers in late spring that contrast well with the dark foliage.

**Physocarpus opulifolius 'Nugget' Ninebark 6-8' O 3 gal, 4-5' \$20.00 Foliage emerges deep golden in spring, fades to lime green in summer, and turns yellow in fall. Plants produce white flowers in the late spring.

**Physocarpus opulifolius 'Seward'

Summer Wine® Ninebark 5-6' S-6' 3 gal, 1-3' \$20.00 A ninebark cultivar noted for its deeply cut, wine-red leaves, and compact habit. Pinkish-white flowers in summer show up nicely against the dark leaves. Vigorous shrub that tolerates harsh conditions

Rhamnus frangula 'Ron Williams'

Fine LineTM Buckthorn 5-7' 3 gal, 3-4' \$25.00 This non-invasive cultivar is an excellent, responsible replacement for older weedy varieties. A distinctly upright habit and uniquely linear foliage give the plant a super fine texture.

**Rbododendron 'Fred Galle' Azalea 5-7' •• 1 gal, 1-2' \$20.00 Yellow-pink in bud, opening to 2½-inch apricot flowers in late summer and early fall. A hybrid of Rbododendron arborescens × R. prunifolium, the deciduous leaves turn orange to red in fall.

Rhododendron dauricum

Dahurian Rhododendron 5-6' • 3 gal, 2-4' \$20.00 The rich, rose-purple flowers are a sure sign of its role as a parent of *Rhododendron* 'PJM'. The foliage is semi-evergreen and acquires a purple tinge in the winter.

Rosa rugosa 'Alba' White Rugosa Rose 4-6' OGC 7 gal, 2-3' \$20.00 These rugged plants tolerate drought, ocean salts and exhibit good disease resistance. The fragrant, 2½ - 3½ inch white flowers are produced from June through August and continue sporadically to frost.

Rosa rugosa 'Rubra' Red Rugosa Rose 4-6' O C. 7 gal, 2' \$20.00 Rugosa rose is a rugged plant that tolerates drought, ocean salts and has good disease resistance. Fragrant, 2½ - 3½ inch flowers are rose purple and are produced from June through August and continue sporadically to frost.

Salix chaenomeloides Giant Pussy Willow 10-15' $\bigcirc \bigcirc \bigcirc \bigcirc \bigcirc$ 3 gal, 3-4' \$20.00 Pearl-grey catkins emerge from maroon-red buds, then turn pink to smoky white. A vigorous shrub, cut branches throughout the winter to force inside to appreciate the unsheathing of the buds that reveal soft, silky "fur" beneath.

○ 🔍 1 gal, 2' Black Pussy Willow 6-10'

Handsome, black silky long catkins appear in the spring, highly ornamental against the orange anthers of the flowers. Since it is a slow grower and withstands pruning very well, it is great for small gardens.

Sarcococca bookeriana var. bumilis Sweetbox 1'

● ■ 1 gal, <1' \$15.00 Strongly fragrant, small white flowers appear in late winter. Ensure yourself enjoyment by planting this low, rhizomatous evergreen groundcover where you can enjoy the strongly

scented, small white flowers in late winter. Shade and drought tolerant. Schisandra chinensis Magnolia Vine Vine

Rapidly gaining popularity, magnolia vine is a twining vine that can grow to 25 feet. The fragrant, white flowers are produced in spring. On female plants (we have unsexed plants) the flowers will give rise to large clusters of brilliant red fruit clusters in the fall.

● ■ 1 gal. <1' \$15.00 Skimmia jabonica Tapanese Skimmia 2-4' Male plants produce larger clusters of white flowers in the early spring but the small clusters on female plants reward you with bright red fruit throughout the winter. Evergreen leaves.

Sorbaria sorbifolia Ural Falsespirea 5-10' ○ 3 gal, 5-6' \$20.00 As wide as tall, give this shrub plenty of room to spread! Great planted in masses, it leafs out early in spring and will surprise you with its white bloom in the summer.

Spirea fritschiana 'Wilma'

Pink ParasolsTM Spiraea 2-31 ○ **3** gal, 1-2' \$15.00

The trademarked name of this cultivar is quite appropriate as it vividly describes the late spring and early summer pink flowers that look like numerous pink umbrellas held above the summer foliage. Leaves appear in the spring with hints of red and fade to a blue-green color that lasts through summer. In the fall, the leaves turn shades of yellow, orange.

Spiraea japonica 'Neon Flash'

Japanese Spiraea 2-3' ○ **4** 1 gal, 1' The vivid red flowers appear throughout the summer on the compact plants. Leaves emerge

red purple and fade to green.

Spiraea × media 'Darsnorm'

3-4' Snow StormTM Spirea ○ **4** 3 gal, 1-2' \$15.00

Snow Storm produces numerous, large white flowers that blanket the plant in late April and May. Summer foliage is a pleasant blue-green color changing to blaze orange and red in the fall to finish the season with a bang.

Spiraea nipponica 'Snowmound'

3-5' Nippon Spirea ○ **4** 3 gal, 2-3' \$20.00

The rounded, 3 to 5 foot plant stature is larger than the groundcover types, although still fitting into the small residential garden. Profuse white flowers that cover arching stems in late spring attract butterflies. Narrow, dark blue-green foliage.

Spiraea prunifolia 'Plena'

Bridal Wreath Spirea ○ S gal, 2-3' \$15.00

It may be an "old fashioned" shrub but you can't deny the beauty of the double white flowers early in spring. Green leaves turn yellow, orange, purple, and bronze in the fall.

●○ **3** gal, 3-5' \$65.00 Stewartia rostrata Beaked Stewartia 10-15' Rare Chinese species closely resembling our native S. ovata. A shrubby plant with white, 2inches flowers, surrounded by red bracts, that appear in late spring-early summer. The white petals often are tinged with a little pink.

Stewartia serrata Sawtooth Stewartia 20-30' ●○ **3** gal, 3-4' \$65.00 One of the least common stewartias, the bark is smooth, reddish-brown, and mottled. Flowers are early, 2 to 21/2 inches in diameter, white and often flushed red on the lower outside. Fall color is reddish purple.

Stewartia sinensis Chinese Stewartia 15-25' ●○ **3** gal, 2-3' \$65.00 An upright habit with smooth, exfoliating bark that is light tan white. The fragrant, white fragrant flowers are 1½ to 2 inches in diameter and produced in great numbers. Leaves turn reddish, or possibly crimson in the autumn.

Styrax japonicus 'Pink Chimes'

Japanese Snowbell 15-25' ●○ **4** 1 gal, 1-3' \$15.00 Rather than the typical white flowers, 'Pink Chimes' has pastel pink flowers. Unlike many

pink flowered cultivars that flower in the late spring and early summer, this pink is stable in the warm spring temperatures. In all other ways, it is similar to the species

Sycopsis sinensis Chinese Fighazel 10-15' ●○ 🕰 1 gal, 1' A rare evergreen member of the witchhazel family. The medium- to large-sized shrub produces arching branches with small yellow flowers and red anthers that are surrounded by rich, darkbrown bracts in the early spring. Hardy in zone 7 but will require winter protection in zone 6.

See Lilacs descriptions on pages 4-5.

Latin Name Common Name Mature Size Light Soil Pot Size, Plant Size Price

Tamarix ramosissima 'Pink Cascade'

O 3 gal, 2-3' \$20.00 Pink Cascade Tamarisk 10-15'

Do not let the stature of this plant mislead you; it is one of the finest textured shrubs that you will ever see, with tiny, juniper-like leaves and plumes of pink flowers in the late spring or early summer. Cut back in winter to improve flowering and habit.

Viburnum 'Chesapeake' Service Viburnum 6' ○ 3 gal, 1-2' \$20.00 The glossy, dark green foliage is quite attractive throughout the summer months. In spring,

clusters of fragrant white flowers are followed by red to black fruits. Compact shrub up to 10 feet wide.

Viburnum awabuki 'Chindo' Viburnum 10-15' ○ 3 gal, 4-5' \$20.00 A rapid grower, this pyramidal shrub has waxy, shiny leaves and is drought tolerant. It blooms in April to May with white flowers giving way to masses of bright red fruits. Plant in sites protected from cold wind for best show in our area.

Viburnum carlcebbalum Fragrant Viburnum 6-10' O 3 gal, 2-3' \$20.00 One of the most fragrant flowering viburnums. The flower buds are a distinct pink before opening into 5 to 6 inch white flower clusters that are nearly perfect spheres. Fall color is burgundy.

Viburnum carlesii 'Compacta'

O 1 gal, 1-2' \$20.00 Koreanspice Viburnum 2-31

Same fantastic fragrance and bloom as the straight species, with white flowers April to May, but on a much more compact plant. In addition, the handsome dark green leaves are resistant to leaf spot.

**Viburnum cassinoides

○ **3** gal, 1-2' \$20.00 Witherod Viburnum 5-8'

This little known native produces abundant, creamy white, 2 to 5 inch flower clusters in the early summer. In late summer, the fruit goes through a kaleidoscope of colors as it matures from green to pink, darkens to red, then blue-purple. Fruits are readily eaten by birds. Fall foliage mixture of orange, red, crimson, and purple. This plant will pollinate V. nudum 'Winterthur'.

6-8' Viburnum japonicum Japanese Viburnum ○ 3 gal, 1-2' \$20.00 With fragrant white flowers appearing in June, this evergreen viburnum is perfect used as a screen or a hedge if pruned. It is best planted in full sun (in order to prevent leaf spot) and with winter protection.

Viburnum opulus 'Pink Harvest'

European Cranberrybush 8-12' O 1 gal, 1-2' \$15.00 One of the red-fruited viburnums, the bright fruit holds well through the winter. This selection

produces red new foliage that quickly turns yellow and holds its color through the summer.

Viburnum plicatum var. tomentosum 'Igloo'

○ 3 gal, 2-3' \$20.00 Doublefile Viburnum

Originating at Winterthur Gardens, 'Igloo' is twice as wide as tall, compact and dome-shaped. The profusion of white, flat-top flowers in May is a knock-out; dark red fruits follow in July.

Viburnum blicatum var. tomentosum 'Summer Snowflake'

○ 3 gal, 2-3' \$20.00 Doublefile Viburnum

The more compact habit as compared to other cultivars makes this plant more adaptable to residential landscapes. The white flower clusters line the branches in the spring and continue to be produced well into the summer. Flowers give rise to red fruit relished by birds.

Viburnum sargentii 'Chiquita'

Sargent Viburnum ○ 3 gal, 1-3' \$20.00

Much smaller than the species, in spring 'Chiquita' produces the same white, pinwheel-like flowers as the species. Attractive red fruit in late summer and fall. Not to be outdone, the leaves turn yellow to orange in fall, before dropping to reveal the fruit.

**Viburnum trilobum 'J.N.Select'

Redwing™ American Cranberry Viburnum O 3 gal, 2-3' \$20.00 There are many reasons for you to have this cultivar in your garden: Reddish emergent leaves and petioles, followed by white flowers, and stunning red fruit in the fall that continues throughout winter. Make this plant part of your bird habitat garden, as birds love the fruit.

Viburnum utile Service Viburnum 4-6' ○ 3 gal, 1-2' \$20.00

This evergreen shrub has pink buds that open to white flowers in April to May, followed by bluish-black fruits. To be used in the shrub border. It is also quite heat tolerant.

Weigela florida 'Elvera'

Midnight Wine® Weigela 1' ○ ■ 1 gal, 1' \$15.00

A miniature shrub with outstanding burgundy foliage that is consistent all summer. Pink flowers appear along the stems in the spring.

Weigela florida 'Rubidor' Weigela

4-5' O 1 gal, 3' \$15.00

If you are into brightly colored foliage, than this is the plant for you. The chartreuse-yellow foliage boldly displays the ruby red spring flowers and lights up the garden until the fall.

Shrubs



Weigela florida 'Variegata' Weigela 4-6' Although variegated, the subdued pale yellow green foliage adds a discrete hint of color in the summer. The soft pink flowers do not clash with the foliage.

**Wisteria frutescens 'Nivea'

○ **1** gal, 4' American Wisteria Vine \$25.00

The fragrant white flowers are borne in 4 to 6 inch pendulous clusters on the current season's stems. Flowers appear in the late spring and early summer with some sporadic flowers into late summer.

**Wisteria macrostachya 'Blue Moon'

Kentucky Wisteria ○ **1** gal, 2'

A native species with 8 to 12 inch long, pendulous flower clusters. The fragrant, blue flowers begin in spring and continue into the summer, producing at least three flushes.

Perennials

PERENNIALS



Achillea 'Terracotta' Yarrow 30'' ○ 🔍 🗘 1 gal Attractive, grey-green feathered foliage topped with earth-toned flowers from June to September if deadheaded. The warm flower color is ever changing from salmon-peach to russet. Great

long lasting cut or dried flower. Sharp drainage is needed for this drought tolerant and easy to grow plant. Attracts butterflies.

**Adiantum pedatum

Northern Maidenhair Fern ● 🕰 1 gal Finely textured, deciduous native fern. Stout, black wiry stems hold the airy, fan-shaped fronds. Given moist, humusy, acidic soil this fern will slowly spread to form a nice size clump.

○ 🔍 🔼 1 gal Agastache 'Black Adder' Black Adder Hyssop 2-3' Licorice-scented foliage and red-violet flowers appear on long spikes. The flowers start in mid-summer and continue until frost attracting tons of butterflies. Drought tolerant once

Agastache 'Purple Haze' Anise Hyssop 18'' O ■ 2 1 gal Another aromatic foliage plant that sports long racemes of lavender rosy flowers. This blooms mid-summer until frost like 'Black Adder' but has a shorter stature making it perfect for containers. Makes a nice cut flower.

Ajuga reptans 'Valfredda'

which is periodically wet.

4" 00 % Chocolate Chip Bugle Weed 1 gal \$8.00

Adorned by blue flower spikes in April-May, the vibrant chocolate leaves of this petite groundcover provide visual interest in the shade garden. Not as aggressive as some ajugas. Flowers attract hummingbirds and butterflies.

Alchemilla mollis Ladv's Mantle 12" ○ 🔍 1 gal \$8.00 An appealing foliage accent plant with pleated light green fan-shaped leaves. Leaves repel water and drops are held on the surface where they glisten like jewels. From early summer to early fall, the leaves are hidden under frothy tiny chartreuse flowers. Will grow in clay soil

**Amsonia 'Blue Ice' Blue Star 15'' 00 C. 1 gal Tiny lavender-blue terminal flowers adorn this easy-to-grow plant in May. A compact cultivar, the narrow willow-like foliage turns yellow in the fall. Best used in masses.

**Anemone canadensis Canadian Anemone 1-2' Native to the northeast, these subtle beauties are occasionally found in low-lying moist areas. Clusters of upward-facing, butter cup-like white flowers with yellow stamens, appear in May to June. Give plenty of space as it spreads by runners if happy. Perfect for wetlands or along the stream or pond edge.

**Aquilegia canadensis 'Corbett' Columbine 15" ○ 🔍 1 gal Pale yellow, short-spurred flowers appear in April to May. Use in a wildflower woodland garden or as an accent with other spring flowers. The dark green foliage declines by mid-summer.

**Aquilegia canadensis 'Canyon Vista'

Columbine

Discovered in Pennsylvania, this selection displays plumes of intense yellow and red flowers April to May, which hummingbirds and butterflies adore. The blue-green foliage adds a nice dainty texture to the garden.

Aquilegia 'Biedermeier' Columbine 12'' A perfect plant for the woodland setting. Dainty late spring flowers may be pink, blue, purple shades or white. Compact plant self-sows when happy, but may go dormant if the summer is dry.

○ 🔍 1 gal **Aruncus dioicus Goats Beard 4-6' Great for the woodland garden or waterside bed. Beautiful pinnately compound dark green foliage adorned with creamy white plume-like panicles in late spring. Resembles the white

Asclepias curassavica Butterfly Weed 31 0 🐔 \$8.00 1 gal This tender perennial is a nectar source for Monarch butterflies and a food source for their caterpillars. Non-stop bright orange-red flowers are present from spring into late fall. A real show-stopper!

**Aster laevis 'Blue Bird' Smooth Aster 4' 0 A fantastic Mt. Cuba introduction that is disease and mildew resistant. Robust stiffly arching stems require no staking. Violet blue flowers in late summer through fall. Awesome for meadows and borders, this plant is easy to grow and drought tolerant once established. Butterflies

00 🐔 **Athyrium felix-femina Lady Fern Woodland gardens just would not be complete without this deciduous, fine textured fern. Fresh fronds are produced throughout the growing season so it looks great all summer. Easy to grow and will spread slowly if happy.

Athyrium niponicum 'Pictum'

Latin Name Common Name

Japanese Painted Fern 18-20'' ○ 🔍 1 gal It is hard to beat the beautiful foliage on this 2004 Perennial Plant of the Year. The fronds are silvery grey-green with burgundy tones. Possibly the most popular fern, its vase-shaped arching foliage adds a touch of elegance to any shade garden.

Athyrium 'Ghost' Japanese Painted Fern Silvery-grey, stiffly upright fronds add a dramatic touch when planted among other silver or purple-leaved plants. Brightens up the woodland garden. Hybrid between Japanese painted fern and southern lady fern.

60 6 Athyrium 'Branford Rambler' Lady Fern 2' A vigorous upright grower that has creeping tendencies when grown in moist woodland situations. Red-stemmed, dark green fronds are supported by slowly spreading rhizomes. A hybrid between A. felix-femina and A. niponicum 'Pictum'.

**Baptisia 'Carolina Moonlight' Wild Indigo 4' Clear yellow lupine-like flowers in April to May. This cross between B. alba and B. sphaerocarpa was selected at the North Carolina Botanical Garden by Curator of native plants Rob Gardener who earlier selected 'Purple Smoke'. The greyish-green trifoliate leaves are fresh and appealing all summer long. Drought tolerance makes this the perfect choice for the dry sunny border or roadside planting.

**Baptisia 'Purple Smoke' False Indigo 3-4' Stunning, lupine-like, smoky-violet flowers held on charcoal stems in May. The pea-like foliage makes a nice addition in the mixed border. Later in the season, attractive 2 inch long seed pods develop. This low maintenance vigorous grower is a hybrid of Baptisia australis

Callirboe involucrata Purple Poppy Mallow 6-12'' O C. 1 gal Brilliant magenta, 2 inch flowers start in June and continue to frost. Palm-shaped, deeply cut leaves are carried on trailing stems that sprawl to form wide mats. Plants look terrific weaving through the garden or growing over walls. Plant where you want as poppy mallows don't like to be moved.

Carex morrowii 'Ice Dance' Japanese Sedge 12" Half inch wide dark green leaves in the center with clear white borders really make this sedge a great choice to brighten the woodland garden. Vigorously spreads to form an excellent groundcover.

Ceratostigma plumbaginoides Leadwort Late in the spring, dark green leaves emerge on this slowly spreading groundcover. Electric deep blue, phlox-like flowers begin in early fall and are still present when the leaves start to turn a vivid mahogany-red fall color.

Delosperma cooperi Hardy Ice Plant ○ 🔍 🔼 1 gal Succulent groundcover with fleshy finger-like leaves. Shiny, bright pink-purple daisy-like flowers late spring to frost. Excellent drainage is needed so plant on a slope, in a rock garden or container.

Delosperma nubigenum 'Basutoland'

Ice plant four weeks. Tries to be evergreen, picking up tints of red in the fall. Well-drained soil a must.

Dryopteris erythrosora Autumn Fern 18-24" Evergreen, vase-shaped fern with copper-colored new growth; sends up new fronds until fall. The shiny leathery fronds form the backbone of any fern collection and look terrific mingling

**Dryopteris marginalis Marginal Wood Fern 18" ● 1 gal \$8.00 A must for the woodland garden, this easy-to-grow native can be found on rocky woodland slopes but is just as comfortable growing in humus-rich soils. Forms an evergreen, vaseshaped clump in the home garden.

**Dryopteris × australis Dixie Wood Fern Spectacular coarse dark green fronds that are semi-evergreen give this rare native fern a very structural appeal. A naturally occurring hybrid between D. celsa and D. ludoviciana found from Louisiana to Virginia. The tall erect leaves add height and vertical form when planted among hellebores, hostas and other ferns.

Latin Name Common Name

Mature Size Light Soil Pot Size, Plant Size Price

**Echinacea 'Matthew Saul'

Harvest MoonTM Coneflower

24-30'' O ■ 3 1 gal

Mature Size Light Soil Pot Size, Plant Size Price

In late spring to early summer, fragrant, earthy golden-yellow flowers appear, and continue until frost. Hybridized by Richard Saul in Atlanta Georgia and is a cross between E. purpurea and *E. paradoxa*. Ideal for the butterfly garden or naturalistic plantings.

**Echinacea 'CBG Cone 3'

Mango MeadowbriteTM Coneflower

○ 🔍 🔼 1 gal

Another recent hybrid with a wonderful honeysuckle fragrance. The dark orange central cone is surrounded by neon-mango-yellow petals, a stand out in the garden in mid-summer to

**Echinacea 'Evan Saul'

SundownTM Coneflower

○ 🔍 🖰 1 gal 30'' \$15.00

Another exciting orange coneflower, this robust grower produces 3½ inch bright orange flowers with a sweet aroma. Plant in a prominent location to enjoy the delightful fragrance and watch the butterflies and birds feeding on the flowers and seedheads.

Gentiana andrewsii Closed Gentian Missouri native wildflower with tight clusters of tubular, deep-blue flowers in late summer. One of our showiest, most elegant late season woodland gems. Easily grown in moist woodland shade or along streams or ponds.

Geranium macrorrbizum 'Ingwersen's Variety'

Bigroot Geranium

O● 🔍 1 gal

Quick spreading, semi-evergreen groundcover with aromatic 5-lobed leaves that turn scarlet in fall. Soft, pink flowers appear in May through June, sporadically thereafter. Tolerates a wide range of conditions, including drought, in sun or shade.

12-18''

Geranium × cantabrigiense 'Biokovo'

Geranium

6-8" 1 gal

A low maintenance, aromatic groundcover carpet that retains its foliage well into winter. From late spring to midsummer masses of white, blushed with pink, flowers are held above the foliage. Outstanding burgundy fall hues.

Geranium × cantabrigiense 'Karmina'

Geranium

○ 🔍 1 gal \$8.00

The flowers are dark pink, almost magenta. Tough, useful groundcover with delightfully fragrant foliage, which turns burgundy in winter.

Helianthemum 'Golden Nugget' Sun Rose 12'' 04 Very drought tolerant, semi-evergreen sub-shrub with abundant show of bright golden-yellow blooms mid-May until late June. Use in rock gardens or containers; good drainage a must.

Helianthemum nummularium 'Wisley Pink'

000 1 gal

Soft, pale pink, single blossoms with bright yellow centers May through June. Compact, woody perennial with bluish-silver, semi-evergreen foliage. Plant on a sunny slope or let spill over a

**Heliopsis belianthoides var. scabra 'Spitzentanzerin'

Ballerina False Sunflower

○ 🔍 🤼 1 gal

Easy to grow compact clump-forming upright perennial with glossy deep green foliage. Covered with semi-double orange-yellow daisy-like flowers with a brown center disk all summer into fall. Makes a good fresh cut flower.

Helleborus niger Christmas Rose

12-15'' •• • 1 gal

In January when everything else is frozen this evergreen perennial is in bloom! The 2-4" white flowers are sometimes tinged with pink and sit above the beautiful shiny dark green leathery leaves. A valuable asset to any shade garden. Appreciates good drainage.

Helleborus orientalis Lenten Rose

Arguably the most elegant shade loving perennial for the garden with evergreen foliage attractive year-round. Plants are seedlings of the maroon clone that we have offered in the past. Flowers effective until June, when the fruit opens to shed seeds. If left undisturbed in shady, moist sites, seedlings begin to germinate in 2 to 3 years.

1-2'

Helleborus × bybridus

BrandywineTM Lenten Rose

1-2" **•• •** 1 gal \$12.00

Hot new prized evergreen perennial from hellebore breeder and collector David Culp. The long lasting, bell-shaped flowers appear above the handsome, leathery foliage late in January and come in reds, pinks, and apricots. The distinctive flowers are a mix of doubles and anemones.

Helleborus × bybridus 'Pine Knot Select'

Hybrid Rose

1 gal 18" 00 🐔

During mild winters, the dark evergreen leaves retain their rich color. In January through May, lenten rose displays white, mauve, or green flowers. Reportedly deer resistant, hellebores self-sow where happy.

**Heuchera americana American Alumroot 18'' 00 🐔 \$8.00 A reliable performer primarily grown for its beautiful, silver-blue marble foliage. As an added benefit, creamy white flowers arise in May-June. Alumroot looks beautiful growing among ferns and other woodland natives.

00 %, **Heuchera villosa 'Bronze Wave' Coral Bells 18" Very hairy, dark bronze leaves are featured on this excellent selection of the native *Heuchera* villosa f. purpurea. Forms a 2-feet wide clump with tall, whitish-pink flowers in late summer. Drought tolerant once established.

Hosta 'August Moon'

○ 🔍 1 gal

With corrugated green-gold leaves, this dense mound of gorgeous foliage is an award winner! As the summer progresses the foliage hold its color, then in July-August pale lavender flowers are a bonus. A robust grower that can be pushed into sunny spots as long as moisture is provided

Hosta 'Gold Standard' Hosta

Broad, lance-shaped, golden leaves outlined in blue-green makes for a dynamite plant to combine with almost every other plant the UDBG sale offers. Pale lavender flowers. Hostas make great beginner plants; impossible to kill. 24" ● 🕰 1 gal

Hosta 'Red October' Hosta

underside; entire plant forms an arching mound.

The red leaf stems of this host anicely contrast with the lance-shaped, blue-green leaves, white

Hosta 'Rock Princess' Hosta 4-6" A low, tight clump of small heart-shaped green leaves with slightly wavy margins. Dark violet flowers in July.

Hosta 'So Sweet' Hosta

14" 00 % 1 gal

A beautiful variegated hosta with medium green leaves and a creamy margin. Forms a full round clump of lanced-shaped leaves and can be considered sun tolerant, with enough moisture. Sweetly fragrant purple striped white flowers appear in mid summer.

Hosta 'Striptease' Hosta

2005 Hosta of the Year. Striptease is a mutation of 'Gold Standard'. Heart-shaped leaves are chartreuse with a dark green margin. Very fine white streaks are scattered between the leaf center and margin. Violet flowers in July and August.

**Hydrastis canadensis Goldenseal

12"

60 C. 1 gal

Seldom seen in gardens, the heavily crinkled leaves on this woodland herb add texture to the shady garden. Greenish white flowers appear in April or May followed by a fleshy berry that ripens in autumn to bright red. This vigorous native spreads by thick, yellow rhizomes which have long been used in herbal medicine.

**Iris versicolor Blue Flag

○ • • 1 gal

\$8.00

2-3' Easy aquatic iris of eastern U.S. that is abundant in swamps or wet meadows. Large showy blue-violet flowers with yellow and white markings appear in May-July. The rhizomes have long been used in herbal medicine. This shallow water plant can be used in water gardens

Kirengeshoma palmata Yellow Waxbells ● 1 gal Shrub-like, herbaceous perennial with lovely maple-like foliage. Late summer to early autumn waxy, tubular yellow flowers appear. An uncommon plant that adds an architectural

touch to the shade border. 8-18'' ○ 🖺 1 gal Lathyrus vernus f. roseus Spring Pea Clump-forming, light green foliage loaded with soft pink pea flowers in spring. Much underrated and underused spring perennial that is an invaluable and easy woodlander.

Lewisia cotyledon Lewisia

6''

00 68

This charming, clump-forming rosette flowers May to June and is somewhat evergreen. Good drainage and dry soil are essential, making this an excellent choice for the rock or trough gardens. Protect from mid-day heat.

**Lonicera sempervirens 'Alabama Crimson'

Trumpet Honeysuckle

10-20'

○ 🔍 1 gal

Twining deciduous vine that is easy to grow and has multi-season interest. Orange-red flowers with yellow throats are produced in May through June and deep red berries can be showy in

8'' **Manfreda virginica Deciduous Agave ○ **□ □** 1 gal In mid summer, purple flower spikes appear from the basal rosette of foliage on this easily grown perennial. Rarely seen in gardens. Good drainage important.

**Matteuccia strutbiopteris Ostrich Fern 3-5' Stately fern for moist or wet shady places, where it will spread to form colonies when planted in the right spot. Erect, bright-green new fronds make a bold statement in the woodland. Shorter, spore-bearing fronds arise in summer.

**Meebania cordata Meehan's Mint ○ 🔍 1 gal \$8.00 Very useful groundcover for the shade garden with small, heart-shaped leaves. Hooded, lavender-blue flowers appear in late spring. A non-invasive, mat-forming mint which serves as a great alternative to other shade groundcovers.

**Mitchella repens Partridge Berry 00 % \$5.00 1 qt An evergreen native groundcover seen in our local woodlands, but not nearly enough in our gardens. Pink-white flowers appear in June and July, followed by red berries that persist through winter.



Perennials



**Mitella diphylla Miterwort 8-18" • . 1 gal \$12.00
A native woodland groundcover related to *Tiarella*, that appears in our local woods. In April and May, spikes of tiny white flowers with fringed petals rise above the leaves. Of a diminutive nature, miterwort is best used in drifts. Rarely offered in the trade.

Monarda 'Dark Ponticum' Beebalm 36"

©

1 gal \$8.00
Compact upright grower with clusters of rich purple flowers in spring. Scented foliage exhibits mildew resistance. Attracts hummingbirds and bumblebees.

Nasella tenuissima Mexican Feather Grass 1-3' O C. 1 gal \$10.00 (Syn: Stipa tenuissima.) Delicate sprays of silky flower heads turn gold in late summer and gently sway in the breeze. Plant in drifts where the effects of sun and wind can be seen running through the foliage and flowers. Best in poor sandy or rocky soil in full sun.

Nepeta sibirica 'Souvenir d'André Chaudron'

Catmint 2' O C. 1 gal \$8.0

Tough, easy-to-grow compact cultivar with aromatic grey-green foliage. Large numbers of violet-blue flowers on spikes starting in May and continuing into July (cut back after flowering for rebloom). This drought tolerant plant blends readily into a perennial border and is a useful alternative to lavenders.

Ophiopogon japonicus 'Nana'

Dwarf Mondo Grass 3" •• S.00

Extremely dwarf, deep green, arching 2 inch leaves that slowly spread to form a low growing evergreen groundcover. The hidden flowers followed by metallic blue fruit. Excellent between stepping stones and walkways. Tolerant of deep shade and drought.

**Phlox carolina var. angusta

Narrow Leaf Phlox 24-36" O 1 gal \$8.

Bright violet flowers with dark green, narrow foliage, a long flowering period, (May through August), a compact rounded habit, and no signs of mildew are great assets that set this phlox apart.

**Phlox divaricata 'May Breeze'

Woodland Phlox 12-15" ●● 🔍 1 gal

American woodland perennial with fragrant, white flowers with a hint of blue appearing April to May. This low grower will slowly spread in moist woodland sites. Plant in masses to form a delightful spring carpet around deciduous shrubs.

**Phlox paniculata 'David' Summer Phlox 36-40'' \bigcirc \$\infty\$. 1 gal \$8.00 A favorite stalwart in the garden. Huge heads of fragrant, pure white flowers on 6 to 9 inch panicles May to June. A long blooming, mildew resistant beauty that looks great in a naturalized design or a formal garden.

**Phlox stolonifera 'Sherwood Purple'

Creeping Phlox 6-10" O 1 gal \$8.00

Lilac-purple flowers grace this matted groundcover in the spring and offer a sweet surprise in the woodland garden. Plants are drought tolerant once established.

1 gal

**Phlox stolonifera 'Blue Ridge'

Creeping Phlox
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Soft lilac-blue flowers on 6-inch stems in early to mid-spring. These flowers have a mild sweet fragrance and attract butterflies. Native to open woods and wooded rocky slopes in Pennsylvania and Ohio.

Polystichum polyblepharum

Japanese Tassel Fern 28" ● 🐔 1 gal \$10.00

Arching vase of shiny evergreen, dark green leaves add luster to woodland gardens. Spectacular in spring, when the uncurling fronds are densely covered with ginger-brown scales.

Rubus calycinoides Creeping Raspberry 6'' O C., 1 gal \$8.00 Durable, drought tolerant creeping groundcover that is a coarse, textural treat. Grown for the puckered, leathery, dark green leaves that turn a dark bronze-raspberry in winter. Spreads 18-24 inches so it is perfect rambling over walls, container edges, or loosening up the border.

Salvia nemorosa 'Snow Hill' Sage 18" ○ €. 5. 1 gal \$8.00 Pure white flowers appear throughout the summer accented by grey green foliage. Deadheading will promote re-flowering in late summer and fall.

Saruma benryi Upright Wild Ginger 24" •• ©. C. 1 gal \$8.00 An unusual and hard-to-find shade loving ginger relative with showy-yellow flowers from May to September. Attractive large fuzzy light green leaves that are heart shaped. The flowers and foliage nicely complement other perennials.

Scabiosa caucasica 'Butterfly Blue'

Pincushion Flower 12'' ● 🔍 1 gal \$8.

Lavender-blue flowers appear from early summer well into early fall. Compact plant with a mounding habit that makes a colorful statement when planted in the front of a border or wild garden. Snip off flowers for continuous bloom.

**Scutellaria ovata Skullcap 18'' •• © C. 1 gal \$8.00 Crinkly heart-shaped leaves with a wonderful metallic appearance in spring. Small bluish flowers in mid-summer. Nice plant for dry shade in well-drained soil.

Sedum rupestre 'Angelina' Golden Sedum 6''

□ □ □ 1 gal \$8.00 Brilliant, golden yellow, fleshy needle-like foliage that is semi-evergreen. Yellow flowers in June and July. Fall color can take on an orange hue. Plant in well-drained soils.

Sedum sieboldii October Daphne 6'' O C 1 gal \$8.00

Round, succulent blue-green leaves edged with a deep pink line make quite a statement. Clusters of pink frothy flowers top the foliage in October. Outstanding along the edge of a path or driveway in well-drained soil.

**Silene virginica Fire Pink 12-18"

• 1 gal \$8.00

In spring, fire-engine red flowers open on wiry stems arising from dense rosettes. In the wild, this plant is found at woodland edges where it attracts hummingbirds. Short-lived, staying for 2 to 3 years at a time.

***Spigelia marilandica Indian Pink 1-2' \(\circ\) \(\circ\) \(\circ\) 1 gal \$8.00 A bright red flower with a pale yellow throat that is sure to light up your garden. Flowers appear in the early summer and occur sporadically thereafter. Another great underused native that deserves more attention.

Stokesia laevis 'Omega Skyrocket'

Stokes' Aster 2-3' O 4 1 gal \$8.0

An Atlanta Botanical Garden introduction with large, daisy-like, white to pale blue late summer flowers. Waxy, strap-shaped evergreen leaves. Awesome bold front-of-the-border plant and a good cut flower. Will not tolerate wet feet in winter.

Stylopborum diphyllum Celandine Poppy 12-18'' •• 1 gal \$8.00 This beautiful native wildflower should be in every woodland garden. Bright golden yellow 1'' saucer-shaped flowers in April to June. Attractive blue-green foliage that is silver below. A tough and low maintenance plant for the stream bank or shady border.

Thalictrum rochebrunianum Meadow-Rue 6' O C. 1 gal \$8.00 Superb and elegant Japanese native with rounded, finely cut attractive foliage. Airy sprays of dainty, bicolor lavender and yellow flowers top deep wine purple stems in July. A very robust species that is the perfect back of the border plant.

Thermopsis chinensis 'Sophia' Pea Bush 18'' ○ €. 1 gal \$8.0t Compact, drought tolerant flowering perennial with handsome blue-green baptisia-like foliage. Early spring, canary-yellow spires of lupine-like flowers. An impressive plant for the wild garden where it will attract bees and butterflies.

**Tiarella cordifolia var. collina Foamflower 6'' • 1 gal \$8.00 In spring, small starry flowers, white with pinkish tints, form a frothy white haze above compact, heart-shaped leaves. The elegant and showy flowers are sweetly fragrant and make this one of our best natives for shade gardens.

Tricyrtis latifolia Toad Lily 3' •• 1 gal \$14.00 The earliest toad lily to flower, this woodlander adds an elegant beauty to the early summer

Clusters of spike like violet-blue flowers add color to the garden in mid- to late summer. Useful in the perennial border, rock garden and as a cut flower; remove old flowers to encourage flowering throughout the growing season.

Veronica spicata 'Sunny Border Blue'

Speedwell 12'' O L 1 gal \$8.00

A speedwell with a reputation for long flowering period, ease of culture, and minimal maintenance — no wonder it is still a favorite of gardeners. The violet-blue spikes mix well with white, pink or yellow flowers when used in mass at the front of the border.

Veronica peduncularis 'Georgia Blue'

Creeping Veronica 4'' \bigcirc \bigcirc \bigcirc \bigcirc 1 gal \$8.00 In late spring and early summer, brilliant violet-blue flowers with white centers are produced

In late spring and early summer, brilliant violet-blue flowers with white centers are produced on this groundcover. Excellent for under planting spring bulbs or cascading over rocks and containers. Cut back after first flower flush and it will rebloom.

Viola labradorica Labrador violet 6''

1 gal \$8.00 Heart-shaped, purple-tinged leaves, and lavender-blue flowers in spring make this a standout. Reseeds around the garden, but politely.

pre-sale order form

All pre-orders must be received by Monday, April 9,				
2007. Pre-orders may be picked up in the "Pre-order Pickup"				
area on:				

Friday, April 27

8–10 am UDBG Friend only 2–7 pm UDBG Friend only and Pre-order Pick-up Admission

Saturday, April 28

9:30 am-4:00 pm General Public

UDBG Friends' members receive pre-order priority; otherwise pre-orders are processed in the order received. Plant numbers are limited so we encourage you to send

your order in and/or join the Friends. Orders cannot be shipped; all pre-orders must be picked up. Credit cards will be accepted **ONLY** on the day of sale. Please see page 3 for further details.

We regret that we cannot accept orders via the web, e-mail, or phone.

All pre-orders must be mailed, with payment (make check payable to **University of Delaware**) to:

UDBG Plant Sale Department of Plant and Soil Sciences University of Delaware Newark, DE 19716-2170

Plant Name (Latin names please)		Unit Price	Quantity	Total
		·	Subtotal \$	
Pruni	ng Workshop	□ \$5 Member; □ \$10		
			TOTAL \$	

CURRENT UDBG FRIEND?

☐ Check box if you are you a current member of UDBG Friends? If not, you can rejoin on the back of this form. See other side for membership details and form.

SPECIAL OFFER FOR NEW UDBG MEMBERS

☐ If you join as a first time member with this order form, you will receive a free perennial plant at pick-up.



What is the UDBG?

The University of Delaware Botanic Gardens is a research center, a laboratory, and a classroom in which studies in horticulture, landscape design, plant biology, botany, plant pathology, entomology, and wildlife ecology are pursued through experiential learning. UDBG maintains a diverse and dynamic living plant collection that stimulates and engages, with more than 3,000 species and cultivars of perennials, shrubs, and trees. UDBG provides a welcoming environment for visitors to learn about trees, shrubs, and other plants.

What are the benefits of membership in the UDBG Friends?

Basic Benefits

- Notice of upcoming events
- Discounted admission to events (workshops, lectures, tours)
- Invitation to special-member events
- Special mailings
- Subscription to newsletter (3 times/year)
- Early entrance to members' hours during Plant Sale in spring and fall

\$10 Student

- Basic Benefits
- Free admission to UDBG semi-annual meeting lectures for student

\$30 Individual

- Basic Benefits
- Free admission to UDBG semi-annual meeting lectures for one family member
- 2 herbaceous plant dividends per year (1 in spring; 1 in fall)

\$50 Family

- All the Individual Membership Benefits for two family members
- 4 herbaceous plant dividends per year
 (2 in spring; 2 in fall)

\$85 Nonprofit/Garden Club

- All the Individual Membership Benefits for 1 representative of nonprofit/garden club
- Discounted group tours

\$185 Sustaining

- All the Family Membership Benefits
- 4 herbaceous or woody plant dividends per year
 (2 in spring; 2 in fall)

\$500 Benefactor

 All the Sustaining Membership Benefits for 3 family members or guests

\$1,000 or above DIRECTOR'S FRIEND

- All the Sustaining Membership Benefits for 4 family members or guests
- Personal tour around UDBG with Director
- Connoisseur plant

Who are the UDBG Friends?

The UDBG Friends, a membership organization, was organized to play a



vital part in funding, volunteering, and helping with the further development of the UDBG. The Friends help UDBG establish new and improved programs for research, education, and natural beauty. Anyone with a lively interest in horticulture, education, landscape design, and nature is encouraged to join. As a member of UDBG Friends, you are a partner in the future of the gardens.

How can I join?

Please complete the membership form and return it with your annual dues. Membership year begins on the date that we receive your application. For more information, call UDBG at (302) 831-0153 or visit our Web page at: http://ag.udel.edu/udbg

Membership Category (check Membership box below)

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□ Student\$10

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	☐ Family	\$50
	☐ Nonprofit/Garden	
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continued on next page





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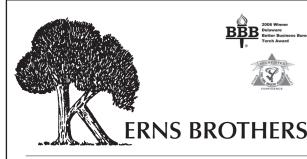
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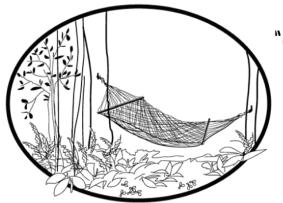
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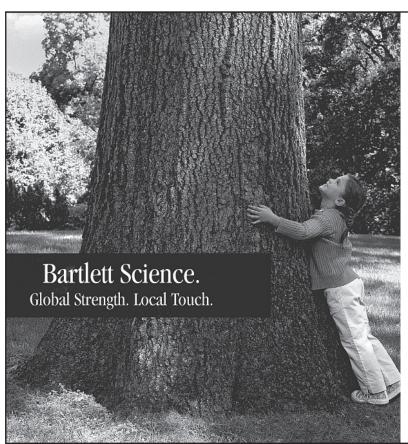












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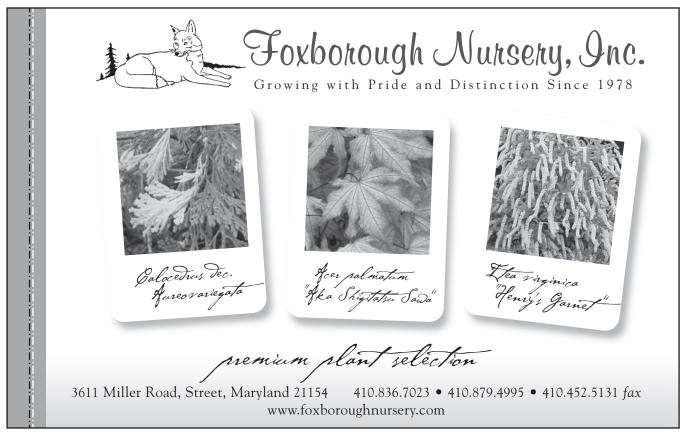
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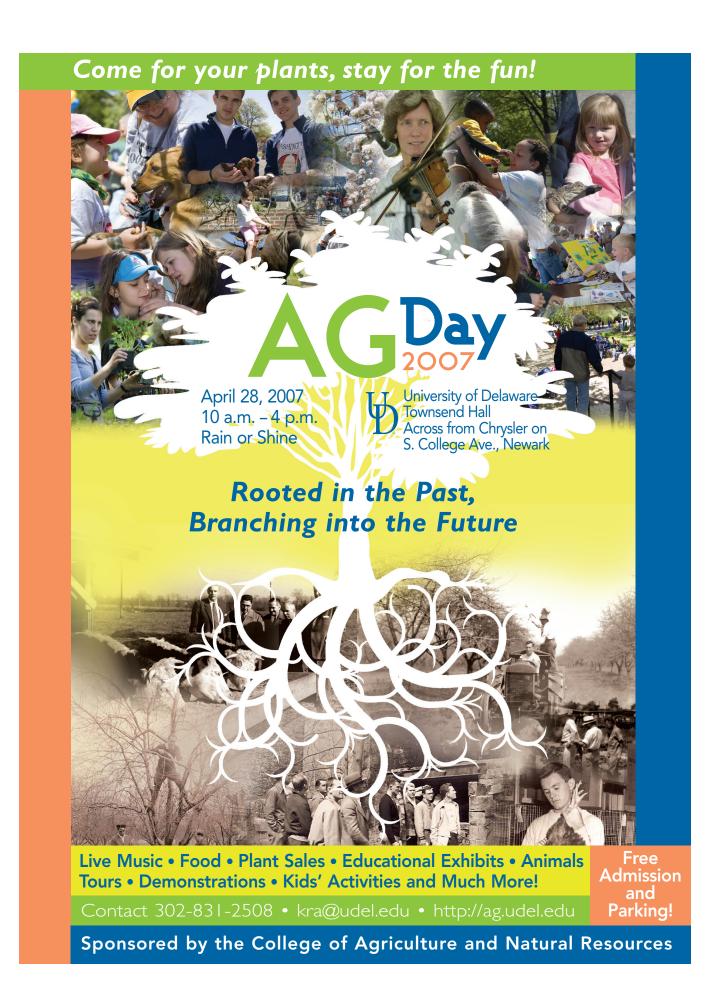


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