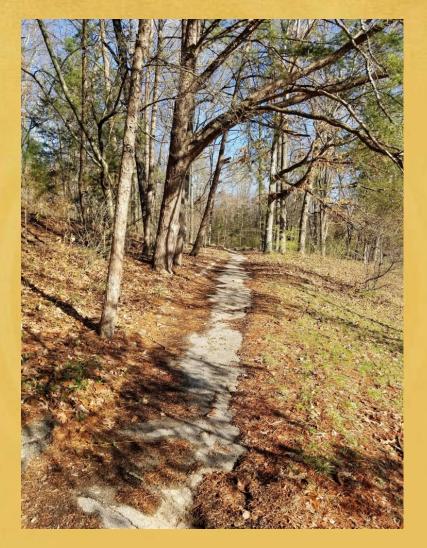
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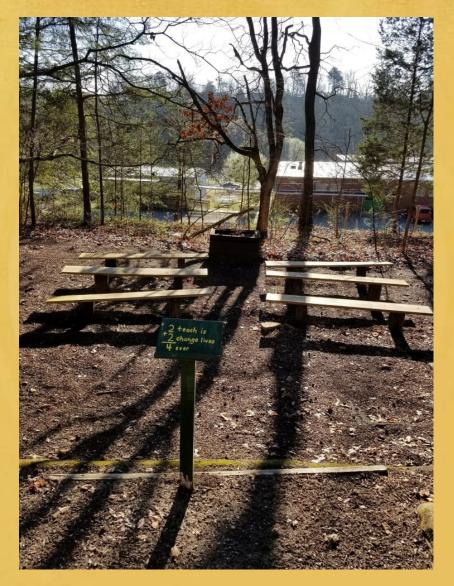
Alpine Crest Elementary School



Alpine Crest - Current



Outdoor Classroom & Nature Trails



Outdoor Classroom



Butterfly Garden



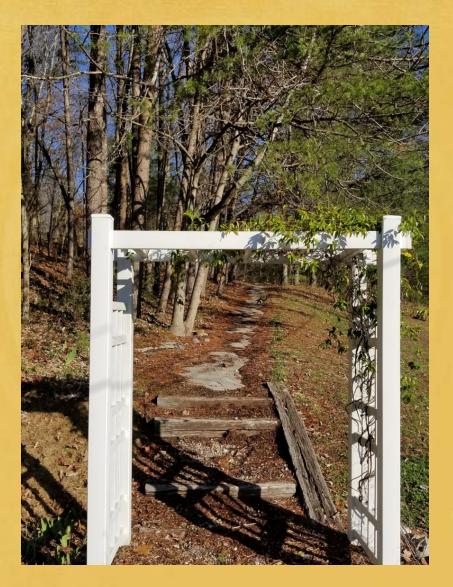
Bird Amenities



Raised Beds



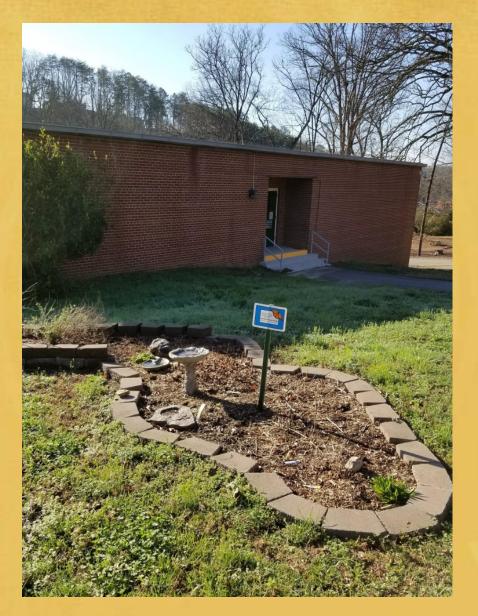
Picnic Tables



Arbor



Landscaping



2nd Butterfly Garden



More Raised Beds



Master Gardeners

Demonstration Garden Shelby County

Collierville Victory Garden























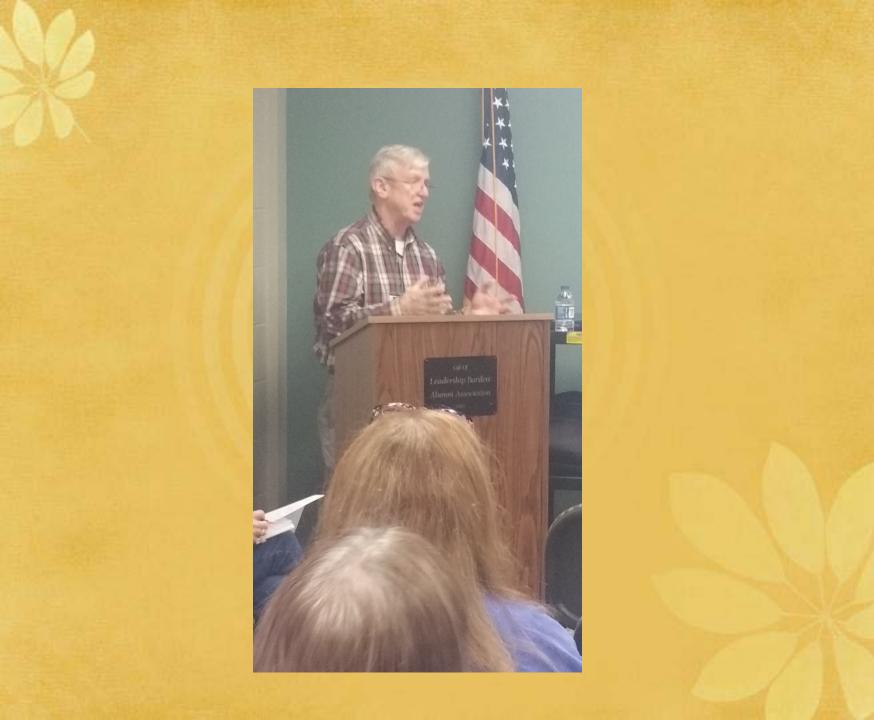




Workshop or Presentation Shelby County

Memphis Area Master Gardeners' Speakers Bureau





Attracting the **Eastern Bluebird**

Tuesday, February 9 at 6:30 p.m.

Join speaker Joanne Watson from the Memphis Area Master Gardeners to learn about gardening and attracting local wildlife in the Mid-South.

Pre-registration is required and begins January 19.

Germantown Community Library 1925 Exeter Road 901-757-7323 germantown-library.org

















Tuesday, April II @ 2:00-3:00 pm

Learn the why, how, and when of pruning your garden and trees. Presented by Bill Cummings, Memphis Area Master Gardeners Association No registration required.









Gardening with the Masters

Join us for a series of programs presented by Master Gardeners

Saturdays at 2:00 p.m.

<u>March 5</u> Creating a Landscape Plan presented by David M. Fuchs

<u>March 12</u> Hydrangeas for Sun and Shade presented by Linda Lanier

March 19 Landscaping Tips presented by Jean Ward-Jones

<u>March 26</u> Weeds in the Garden presented by Therese Mangold



Innovative Tipton County

Drummonds Park Arboretum





















Written Education Shelby County

Gardening in Shelby County Calendar & Gardening Guide



Horticultural Resources for Shelby County

	Horticulture/Gardening R	esources for Shelby County	
Extensio	n Contacts	Conse	ervation
Shelby County Extension	901-752-1207	Nature Conservancy	reture org
Jim Tadd, Director		Overton Park Conservancy	overtonperk.org
Dr. Chris Cooper, UT Extension Agent		Shelby Farms Park Conservancy	shelbyfarmspark.org
Mary Wade, Horticulture Program Assistant		Sierra Club	tennessee.sierrad.ub.org/chickasaw
Memphis Area Master Gardeners	memphisareamastergardeners.org	Strawberry Plains Audubon Center	strawberryplains.audubon.org
The Family Plot	WKNO TV @3 pm Saturday Mar-Nov	Tennessee Ornithological Society	http://tnbirds.org/chapters/memphis/memphis.htm
TN Dept of Agriculture	Shawn.posey@tn.gov	Wolf River Conservancy	wofriver.org
UT Extension	extension.tennessee.edu	City Br	esutiful
4H Youth Development	4h.tennessee.edu	City Beautiful	Contact desired City Hall
Public	Gardens	Farmers	i Markets
Dixon Gallery & Gardens	dixon.org	Agricenter International Red Barn	agricenter.org/farmersmarket
Grow Memphis - Community Gardens	growmemphis.org	Arlington Open Air Market	yelp.com/biz/arlington-open-air-market-arlington
Lichterman Nature Center	memphismuseums.org/lichterman-overview	Bartlett Station Farmers Market	bartlettstationfarmersmarket.org
Memphix Zoo	memphiszo.org	Collierville Farmerx Market	colfervilefermeramerket.org
Horticulture Societies		Cooper-Young Farmers Market	www.cycfarmeramarket.org
kebana Int'i Memphis Bamboo Chapter	tt'l Memphis Bamboo Chapter juliewilson@bellsouth.net		memphisbotanicgarden.com/farmersmarket
Memphis and Dixia Rose Society	brenna bosch @gmail.com	Hernando Farmers Market	dtyofhernando.org/farmersmarket
Memphis African Violet Society	avsa.org/affiliates-region5	Landmark Farmers Market	landmarkfarmersmarket.com
Memphis Area Daylily Society	facebook.com/memphisareadaylilysociety	Lanier Park Farmers Market	germantown-tn.gov (go to Play, The Farm Park)
Memphis Area Iris Society	aisregion7.org	Memphis Farmers Market	memphisfarmersmarket.org
Memphis Bonsai Society	memphisbonsai.com	Millington Farmers Market	facebook.com/millingtonfarmersmarket
Memphis Cactus & Succulent Society	memphistactus.blogspot.com	Overton Park Community Farmers Market	overtonparkefm.org
Memphis Fern Society	Dr. Eugene McKenzie, 901-396-0447	South Memphis Farmers Market	somefm.org
Memphis Herb Society	mod eyec@yahoo.com	Winchester Farmers Market	facebook.com/winchesterfarmersmarket
Memphis Horticultural Society	memphishorticulture.org	Miscell	aneous
Memphis Orchid Society	memphisorchids.org	Delta Fair	deltafest.com
Mid-South Daffodil Society	daffodi lusa.org	Edible Memphis Magazine	ediblememphis.com
Mid-South Hosta Society	midsouthhosta.org	Little Garden Club of Memphis	barbaracwilliamson4@gmail.com
Mid-South Hydrangea Society	midsouthhy drangeasociety.com	Memphis Garden Club	memphisgardenclub.org
West Tennessee Iris Society	wtis-iris.com	Memphis Public Library Garden Classes	901-415-2700
		TN Federation of Garden Clubs	t/gconine.org
MAMG makes the final decision on which orea	nizations/events to include in the calendar and is	West TN Delta Heritage Center	westtnhertage.com
	may be made after publication. Only been included and some events may not be free. for current information.		

Empowerment Page Contact lists enabling the reader to take action for more information, volunteer, or to join societies and clubs.

TOP 10 Lists by Plant Type – Virtually Guarantees Successful Gardening in Shelby County

THE TOP TEN LIST: PLANTS THAT PERFORM WELL IN SHELBY COUNTY RECOMMENDED BY THE LOCAL EXPERTS WHO GROW THEM

	DAFFODU S		CERNIC
Carlton Caylon Oreerfulness It Car Follies Monai Mrt. Hood Pink Silk St. Keverne Tahtü Tete-a tete	Vellow wivellow trumpet, Early 16" White wivellow trumpet, Early 16" White wivelow trumpet, Early 16" White wivelow trumpet, Early 13"-16" White wivelow trumpet, Early 13"-18" White wivelow trumpet, Early 13"-18" White wivelow trumpet, Hol to late spring bloom, 13"-18" Yellow wivelow trumpet, Early to early spring bloom, 6"-8"	Autumn Fern Bramble Fern Christmes Fern East, Indian Holly Fern Japanese Cimbing Fern Japanese Painted Fern Koreen Rock Fern Ledy Fern Royal Fern	FERNS Evergreen 1:2' Height, 18' Soread Evergreen 2:5' Height, 3:5' Soread Evergreen 1:3' Height, 3:5' Soread Herbaceus, Wining form, best with support Evergreen 1:3' Height, 3'-6' Spread Herbaceus, 30' Height, 1'-1.5' Height, 1.5'-2' Spread Herbaceus, 10' Height, 1'-2.5' Spread Herbaceus, 10' Height, 1'-2.5' Spread Herbaceus, 3-6' Height, 1.5'-3' Spread
	HOSTAS		IRIS
Blue Mouse Ears Ohristmas Tree First Frost Golden Than Guazamole Hidicyon Luttie Wonder Sacee Sacee Saces Substaction Sum and Substance	Miniature, blueoreen, 6 [°] -12 [°] Height, 8 [°] -12 [°] Spread Corrugated, dark green with cream edges, 2 [°] Height, 3 [°] Spread Blue leaves, wide creamy velow margins, 1 [°] Height, 3 [°] Spread Apple green with dark orean margins, 1 [°] -1.5 [°] Height, 3 [°] Spread Bluegreen leaves, 1.5 [°] -2 [°] Height, 25 [°] -3 [°] Spread Ministure, green leaves wijvide white margins, 4 [°] -6 [°] Height, 18 [°] Spread Frosted bluegreen with creamy margins, 2 [°] -3 [°] Height, 2 [°] -3 [°] Spread Dark green with wide odder yellow margins, 2 [°] -8 [°] Height, 2 ^{°-3} Spread Glossy golden leaves, 2 ^{°-3} Height, 3 [°] -5 [°] Spread - prefers partial sun	Tall Bearded: Beverly Sils Titan's Glory Classic Look Skating Party That's All Folks Volunizer Pride Before the Storm Louisiana: My Friend Dick Hurricane Party Full Eclipse	
	DAYLILIES		TREE5
Primal Scream Red Volunteer Webster's Inik Wonder Big Kiss Dels Luoosi Julie Hewman Peory Jeffcoat Bass Gibson Lavender Biue Baby Autumn Wood	Bloom 7.5", Tangerine orange, Midseason, Flower Height 34" Bloom 3", Rich, Nidosson, Flower Height 28" Bloom 5.5", Light peach, Midseason, Rebloomer, Flower Height 28" Bloom 6", Deep purple, Nidoseson, Riverr Height 33" Bloom 7", Peach, Nidoseson, Riverr Height 33" Bloom 5.5", Vellow, Double, Midseason, Late, Rebloomer, Height 32" Bloom 5.5", Vellow, Double, Midseason, Jake Rebloomer, Height 32" Bloom 5.5", Vellow, Double, Midseason, Flower Height 32" Bloom 5.5", Vellow, Double, Midseason, Flower Height 32" Bloom 5.5", Vellow orange, Early-Midseason, Flower Height 32" Bloom 5.5", Peach, Midseason, Flower Height 24"	Bur Oak Dawn Rodwood Red Maple Tulip Poplar Ginkao Biloba Eastem Red Cedar Little Gem Maanola Dogwoods & Kousa Dogw Eastem Redbud Flowering Cherry: Yoshine Okame, Kwanzan, Autumn	Ornamental tree, Mature Height of 20'-30' Spread 25'-35'
	HYDRANGEAS		HERBS
Annabele - arborescens Ayesha - macrophylla Bluching Bride - macrophylla Mini Penny - macrophylla Inneloht er Uttle Lime - paniculata Silver Pollar - paniculata Alce - queerdina (Caldeaf) Munchian - queerdina (Caldeaf) Kurenai - serrata	White Bloom June-Sep, Height 3'-5' Spread 4'-6' Pink or blue depending on soil pH, Bloom June, Height 4'-6' Spread 4'-6' Rebioomer, White Bloom June-Sep, Height 4'-6' Spread 4'-6' Rebioomer, Blue Bloom June-Sep, Height 4'-6' Spread 4'-6' Chattreuse-line ading to rose. Bloom July-Sep, H85 5'-6' Chatteuse-line ading to rose. Bloom July-Sep, H85 5'-6' White fading to pink, Bloom June, Height 3'-6' Spread 3'-6' White fading to pink, Bloom June, Height 3'-6' Spread 3'-6' White fading to pink, Bloom June, Height 3'-6' Spread 3'-6' White fading to pink, Bloom June, Height 3'-6' Spread 3'-6' White fading to pink, Bloom June, Height 3'-6' Spread 3'-6' White fading to pink, Bloom June, Height 3'-6' Spread 3'-6' White fading to pink, Bloom June, Height 3'-6' Spread 3'-6' White fading to pink, Bloom June, Height 3'-6' Spread 3'-6' White fading to pink, Bloom June, Height 3'-6' Spread 3'-6' White fading to pink, Bloom June, Height 3'-6' Spread 3'-6' Height and Spread 3'	Mexican Nint Mangold Besi Rosemary Oregano Chives - Onion and Garlic Thrune Fennel Spanish Lavander Yarrow Mint	Tagetes Jucide ; Half-handy, herkacous perennial Ociman sp., Annual - Ozback frequently to prevent seeding Rosmainus officialis' Medialine Hill, Evergneen perennial Origanum sp., Herbaceous perennial Allium scheanoprasum & A. Luberosum, Herbaceous perennial Thimus widgatis, T. z. chitodrus, Evergreen woody subshrub Frenkrofum vulgare, Herbaceous perennial Lawandus stocches "Otor Quart, Vioody subshrub Achilea millefoltum, Herbaceous perennial Mentha sp., Herbaceous, perennial, Flant in pots to contain

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Your Guide To Blooms For Every Month Of The Year

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Plant Frag

Time of bloom is dependent on weather conditions in any given year and can shift by several weeks. When choosing a plant it is worth the effort to do a little research to assure that it is suited for your soil and light conditions. Plants are available in multiple varieties that differ in bloom size, color and mature height and width. Choose wisely.

				Time of Bloom, Ornamental Berry						γ			Ĩ	ă		1	de	ant	<u>P</u>			
Common Name	Proper Name	Conditions	Туре	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			an t	ê	ä	+	ō
Sneezeweed	Helenium autumnale	Full sun	Herbaceous perennial													3'-5'	2'-3'		Х	Х		Medium
Japanese Anemone	Anemone hupehensis	Full sun to part shade	Herbaceous perennial													2'-3'	2'-2.5'	Х				Low
Ginger Lily	Hedychium coronarium	Full sun to part shade	Herbaceous perennial													3'-6'	2'-3'				Х	Medium
Hardy Cyclamen	Cyclamen hederifolium	Part shade	Herbaceous perennial													4"-6"	6"-12"	Х	Х			Medium
Autumn Clematis	Clematis terniflora	Full sun to part shade	Vine													15'-30'	15'-30'	Х			Х	High
Coral Vine	Antigonon leptopus	Full sun	Vine													8'-10'	3'-6'		Х			Medium
Glory Bower Tree	Clerodendrum trichotomum	Full sun to part shade	Deciduous shrub													10'-12'	10'-12'				Х	Medium
White Spider Lily	Hymenocallis liriosme	Full sun to part shade	Bulb													1.5'-2'	1'-1.5'				Х	Medium
Perennial Aster	Aster	Full sun	Herbaceous perennial													1'-2'	1'-2'		Х			Medium
Leopard Plant	Ligularia	Part shade to full shade	Herbaceous perennial													3'-5'	2'-4'			Х		Medium
Toad Lily	Tricyrtis	Part shade to full shade	Herbaceous perennial													2'-3'	1.5'-2'					Low
Chrysanthemum	Chrysanthemum	Full sun	Herbaceous perennial													1'-3'	2'-3'	Х				Low
Bugbane	Actaea	Part shade to full shade	Herbaceous perennial													3'-6'	2'-4'					Medium
Reblooming Azalea	Rhododendron	Part shade	Evergreen shrub													3'-6'	3'-6'					Medium
Deciduous Holly	Ilex verticillata	Full sun to part shade	Deciduous shrub		Berrie	s								Berr	ies	3'-12'	3'-12'					Low
Elaeagnus	Elaeagnus macrophylla	Full sun to part shade	Evergreen shrub													8'-12'	8'-12'		Х			Medium
Sweet Olive	Osmanthus fragrans	Part shade	Evergreen shrub													10'-15'	10'-15'		Х		Х	Medium

Bloom time chart of perennials that are suited for Shelby County TN, provides a planning and buying guide for the garden enthusiast!

Common Pests and how to control them. An excellent source of encouragement for the frustrated urban gardener.

Managing Insects, Pests and Disease in the Garden

Integrated pest management (IPM) is the cornerstone to keeping your garden in top condition. It involves proper planning, regular inspection, identification of disease and pest problems and intervention to correct problems.



Plan: Stressed plants are more susceptible to disease and attack by

- -Choosing plant varieties that are resistant to common problems can prevent issues before they start. Observe nearby landscapes to understand plants and conditions that thrive in your area
- —Site plants in conditions that will help them thrive. For example, if a plant needs well drained soil, avoid planting it in an area that tends to be wet. Plants that prefer shade will be

Whiteflies



stressed if planted in full sun. Group together plants that require similar soil pH, water, light and fertilization. Space them appropriately based on mature size because planting too closely causes water and light stress. -Optimize growth by mulching, using compost, watering and feeding appropriately.



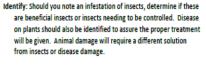
Inspect: Inspect your garden regularly to catch problems when they are just beginning.

Bagworms



-Pay special attention to "key" plants that are more susceptible

- to pest attack. Key trees in Tennessee landscapes are white pine, pecan, peach, crabapple, apple, flowering cherry and dogwood. The key shrubs are azalea, hawthorn, photinia, pyracantha, boxwood, rose and euonymus. If you have had previous issues, give extra attention to the potential problem areas.
- -Dormant-season inspections are very important to detect overwintering scale and mite infestations.



Intervene: Carefully consider what action should be taken.

- -Cultural: Perhaps the issue is due to the plant's location which, over time, has moved from sun to shade as nearby trees matured
- -Mechanical: Some infestations can be controlled early by simply removing by hand pests such as caterpillars, removing diseased branches by pruning, or using traps for animals or insects. A strong stream of water can often knock aphids off a plant to keep them in check.
- -Biological: When pests migrate into a home landscape, they often are followed by their natural enemies. Establishing habitats for insect-eating animals or introducing additional natural controls such as lady beetles for control of aphids can be helpful.
- "Green" pesticides such as horticultural oils, insecticidal soaps and microbial insecticides such as Bacillus thuringiensis (Bt) are effective and have little impact on the environment.
- Traditional insecticides are very effective but should only be used at recommended levels and should only be used on the infected plants or the infected areas of the plant.



Additional Information: These brochures are available at the Shelby County Extension office or on-line at: https://extension.tennessee.edu/publications

Leafminer

Home Vegetable Garden Disease Control W 316 Plant Diseases: Identifying Problems of Garden Flowers SP370K You Can Control Garden Insects PB595 Powdery Mildew of Ornamentals SP370B Managing Nuisance Animals and Associated Damage around the Home PB1624

Turferass Diseases and Their Control PB842 The Japanese Beetle and Its Control PB946 Managing Fire Ants in Urban Areas PB1739 Verticillium Wilt W 289-G Apple Scab W 289-Q Rust Diseases W289F Foliar Diseases of Tomato SP277W

Whiteflies on Ornamentals SP290R Mealyburs on Ornamentals SP2905 Holly Leafminers SP290T The Eastern Tent Caterpillar and Its Control SP 341-N The Bagworm and Its Control SP 341-U















Caterpillar

March

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Plant •Plant roses. •Plant cool weather vegetables. •Plant summer and fall blooming bulbs (except caladiums). •Plant/move/divide peren-

nials.

Lawn Care

 Fertilize fescue lawns ar over-seed any thin spot

Fertilize

 Fertilize all the garden except spring flowering shrubs and warm-seasor lawns (Bermuda and zoysia).

Prune

 Prune spring flowering shrubs after blooming.

Other

Apply two inches of mulch in beds.
Remove dead flowers from flowering bulbs.
Hang hummingbird feeders.
Begin spraying roses for black spot.

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Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Febru S M T W 4 5 6 7 11 12 13 14 18 19 20 21 25 26 27 28	TFSS1 1231 89108 151617151	2 3 4 5 6 7 9 10 11 12 13 14 5 17 18 19 20 21 3 24 25 26 27 28		1 0	2	3 Family Plot WKW Dixon Cutting Garden Tour
4	5	6 Horticultural Society	7	8	9 O MBG Cherry Blossom Picnic	10 Family Plot WKN Dixon Cutting Garden Tour
1 Daylight Savings Time Begins (Move Clocks Ahead) MBG Signs of Sprir	Extension Program Lichterman Spring Break Camp Shelby Farms Spring	13 Forest Camp Extension Program Uchterman Spring Break Camp Break Camp	14 Forest Camp Extension Program Uchterman Spring Break Camp Shelby Farms Spring Break Camp MBG Brown Bag Annuals	15 Forest Camp Extension Program Uchterman Spring Rreak Camp Shelby Farms Spring Break Camp Hosta Society	16 Forest Camp Extension Program Uchterman Spring Break Camo Sheby Farms Spring Break Camp MBG Cherry Blossom Picnic	17 ST. PATRICK'S DAY Family Plot WKNO Dixon Cutting Garden Tour African Violet
18	19 Fern Society	20 First day of Spring	21 Cooper Young Garden Club Ornithological Society	22 Cactus Society Herb Society	23 MAMG Spring Fling	24 MAMG Spring Fling Daffodil Society Show @ Dixon Family Plot WKNO Dixon Cutting Garden Tour
25 Daffodil Society Sho @ Dixon Orchid Society	26 Rose Society	27 Bonsai Society Daylily Society	28	29	30	31 PASSOVER BEGINS Dixon Cutting Garden Tour

Monthly Gardening "To DO's" and public gardening events keeps the garden enthusiast busy each month.

Kitchen Garden Planting and Harvest Guide Encourages urban gardeners to try new crops as well as the tried and true

	Memphis Area Master Gardeners - Kitchen Garden Planting Gui		anting Guide		700 2004 R		•	ANT	R.AND HARVE		wwe)	•				
	Planting Intervals	inches between plants	inches between rows	Days to Harvest	Length of harvest	Yield per 10 foot row	-		Feb	Mar	Apr	May	Aug	Sep	Nov	Dec
Asparagus (Perennial)	Feb-Mar	15-18	36-48		4-8 weeks	1-2 lbs	When plants are 2-3 years old, spears are $6\text{-}9$ inches tall, have a tight spear tip and are thicker than a pencil									
Beans - Lima	May-June	3-4	24-36	65-75	3 weeks	2-3 lbs shelled	When pods are full but seeds are green									
Beans - Lima, Pole	May-June	3-4	36-48	80-90	4 weeks	2-5 lbs	When pods are full but seeds are green									
Beans - Snap, Bush	Apr 10-June 20 July 15-Aug 15	3-4	24-36	52-60	2 weeks +	8-12 lbs	When pods snap easily and are still smooth								+	\square
Beans - Snap, Pole	Apr 10-June 20	3-4	36-48	60-65	5-6 weeks	10-15 lbs	When pods snap easily and are still smooth									
Beets	Mar 1-Mar 10	2-3	14-36	55-60	4 weeks	8-15 lbs	$1\%^{*}$ to $2\%^{*}$ inch beets have highest quality.									
Broccoli	Mar 1-Apr 1 July 15-Aug 15	10-15	24-36	60-70	4 weeks	5-10 lbs	Before flowers show yellow color	F	F		-	-			Ŧ	F
Cabbage	Feb 20-Apr 1 July 15-Aug 15	15-18	24-36	60-75	3 weeks	12-20 lbs	When heads become firm & heavy								Ŧ	
Cabbage - Chinese	July 1-July 30	12	24-36	40-50	4 weeks	20-30 lbs	Cut the entire plant at ground line when the heads are compact and firm.								Τ	
Cantaloupe	May	24	72	80-90	3 weeks	10+ melons	When melons can be lifted and the vine slips without pressure									
Carrots	Mar 1-Apr 1	2-4	14-36	75-85	4-6 weeks	5-10 lbs	Anytime roots are firm and brittle								T	
Cauliflower	Mar 1-Apr 1 July 15-Aug 15	15-18	24-36	55-65	2 weeks	5-10 lbs	Before curd loosens and discolors				-			-	Ŧ	-
Collard Greens	Mar 1-Apr 1 July 1-Sep 1	8-15	18-36	65-75	4-30 weeks	10-15 lbs	When leaves are large but still green and firm	F	F		+	-			Ŧ	Γ
							When busis turn brown, and you cannot processour		t		1				1	

Master Gardeners provide photos of local horticulture to grace this monthly calendar

