

Sharecropper

Tarrant County Master Gardener Association



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If you have an idea or would like to contribute to the newsletter, please contact Jackie Heidinger at rheidinger@tx.rr.com. Your input is always welcome!

Take a Deep Breath and Thank a Plant

By Laura Miller, CEA

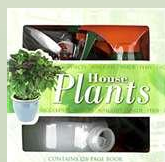


Agents Corner

Sometime back in elementary school science you probably learned why people and plants belong together. People need to breathe oxygen and then exhale carbon dioxide. Plants take in carbon dioxide, use it to create energy through photosynthesis, and then release oxygen. It's a symbiotic relationship, and one that's especially important to remember in urban areas where people and cars can easily outnumber plants.

Indoors

When we think about air quality, we often think only about the air outside, but the National Safety Council says that the average person in the United States spends about 90% of each day indoors. Indoor air quality can be worse than air quality outdoors, especially in tightly sealed energy efficient buildings. In extreme situations, indoor air pollution develops into Sick Building Syndrome. People who live or work in a "sick" building can have eye, lung and upper respiratory problems.



Plants improve indoor air quality in two ways. As plants open their stomata to allow carbon dioxide in for photosynthesis, water vapor moves out. The relative humidity around a plant typically ranges from 35–55 %. The optimum relative humidity for an indoor environment just happens to be 35-45%. Unlike other sources of indoor air moisture such as cooking and washing, plants are self regulating. They reduce their transpiration rates when humidity is high and increase transpiration when it's low.

Plants also function as an air cleaner. You may have heard the story of the NASA scientist Dr. B.C. Wolverton who was looking for ways to purify the air in the old Skylab space station when he

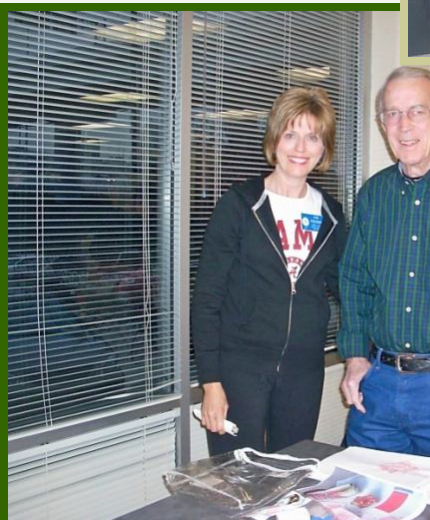
(Continued on page 12)

Master Gardeners In Action

Photos by Nancy Curl



*Vegetable Gardening Class at
Resource Connection Center
March 6, 2010*



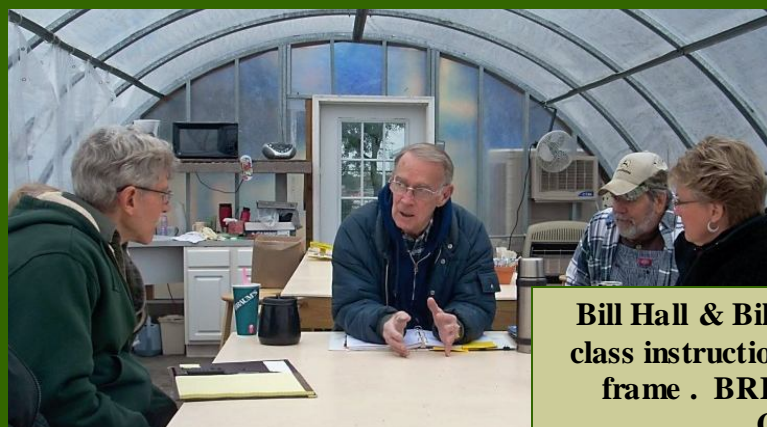
*Union Gospel Mission
Veggie Stamp Class
February 8, 2010*

Master Gardeners In Action

Photos by Nancy Curl

Cold Frame Building Class at Resource Connection Center

February 19, 2010



Bill Hall & Bill Vandever provide class instruction on building a cold frame . BRRRRR look's very COLD!



The final product!!!!



President's Message

April Newsletter



Every gardening year I vow to try one thing new. Last year I started composting. I learned that my challenge was a lack of green material, since I use a mulching blade and do not bag clippings. So, I 'steal' bags of beautiful green clippings from neighbors who have yard people do their yard – another form of recycling. This year, after hearing a recent speaker at a monthly meeting, I am trying square foot gardening. We constructed a raised bed and made the grids from PVC and carefully planned and planted each precious square.

So what are you going to try new this year? If you have not fallen in love with anything new lately, a great place to get inspiration would be the Texas MG Conference coming up in a few weeks. And this year, it is in our own 'backyard' Dallas. The conference is April 8-10, with tours on the Thursday the 8th, numerous speakers all day on Friday the 9th, and then the Awards presentations on the morning of Saturday the 10th. Last year was my first conference to attend and I intend to never miss another one. Oh yes, and did I mention the 'shopping'! The vendors turn out with plants and garden goodies for some really nice prices – we all had our cars loaded to the roofs coming back from Marshall last year!

Still time to register. You can pick and choose what you register for and just pay for that portion. The website for more info and the registration form is <http://www.2010tmgconference.org>. Please consider attending, especially since it is so close to us this year. You find inspiration and definitely find a lot of your friends at the 2010 conference.

Susan Stanek,
President

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TCMGA Meeting Minutes

March 11, 2010

The program for the morning meeting was presented by Henry Painter, Director of the Fort Worth Botanic Garden, James Toal and Elaine Petrus. The afternoon meeting was presented Steve Huddleston, Senior Horticulturist of the Fort Worth Botanic Garden.

President Susan Stanek called the business meeting to order at 11:00 a.m. with 222 members and interns present.

The February minutes were approved as published.

The Treasury Report was given by Pat Higgins, Treasurer:

January 31, 2010 Money Market Balance	\$ 17,260.79
January 31, 2010 Checking Account	\$ 3,088.55
Total Accounts	\$ 20,349.34
Deposits during February, 2010	\$ 2,955.19
Checks written during February, 2010	\$(1,643.68)
Check voided in February	\$ 20.00
Money Market Fund and checking account on February 28, 2010	<u>\$ 21,680.85</u>

Donna Fry, Activities, announced the next field trip will be on March 26th. Members will visit North Haven Gardens in Dallas to learn about housing and raising backyard chickens. From there, members will tour the City of Plano's Municipal Composting Facility.

Steve Purdy announced that the Executive Board requested he chair a Bylaws Committee. The Committee will review and clarify any discrepancies in the Bylaws and Standing Rules. Members serving on the Committee are Ginger Bason, Nancy Curl and Taddie Hamilton. The estimated time to complete this task is 120 days.

Announcements

Announcements by President Susan Stanek:

- Caladium sales end today. The bulbs can be picked up at the April general meeting.
- Community Garden Plant Sale is scheduled for April 17, 2010.
- Marilyn Sallee has plants (primrose jasmine) that Master Gardeners can dig from her yard for the Community Garden Plant Sale. MGs will need 5 to 10 gallon pots.
- Speakers' Bureau meeting is on March 12, 2010 at the downtown office.
- Members who have not picked up their directory by the close of the meeting can provide Carl Trehus with a self-addressed, stamped envelope for mailing.
- Fertilizer pre-ordered in March can be picked up at the April general meeting.
- Susan announced to the membership that Dorothy Launius has done an outstanding job on e-blasts. Delivery rate has been 100%!

Plant Sale

Taddie Hamilton reminded everyone that the last day of the rose sale is March 12, 2010. Roses ordered will be delivered at the next monthly meeting on April 1, 2010. Pick-up location will be at the Community Garden after the meeting.

Members were urged to volunteer Wednesday through Saturday, April 14-17, 2010. Heritage Plants are needed for the Plant Sale. Plants should be potted and labeled. Cannas and irises will be accepted in labeled plastic bags.

Steve Chaney announced that membership cards, service pins and shovel pins are being distributed. Members with over 100 hours have their choice of a shovel or wheel barrow pin.

Sue Ellen Schlitzer
Secretary

TCMGA Announcements

April Meeting Speaker

Where are the Wild Things?



Come and listen to Jessica Alderson discuss the importance of creating a wildscape in your yard and urban landscapes. She will review the steps to receive certification for your yard from the Texas Wildscape program and Best of Backyard Wildscapes.

Jessica Alderson received her Bachelor's and Master's degrees in Wildlife and Fisheries Sciences from Texas A&M. Her research interest includes human dimensions of urban wildlife management, specifically white-tailed deer.



She is currently an Urban Wildlife Biologist with Texas Parks & Wildlife. As an Urban Wildlife Biologist, Jessica performs professional planning, management, research and public outreach associated with wildlife, habitat, and natural resource management specific to the Dallas/Fort Worth metropolitan area.

Take the EARTH-KIND Challenge!



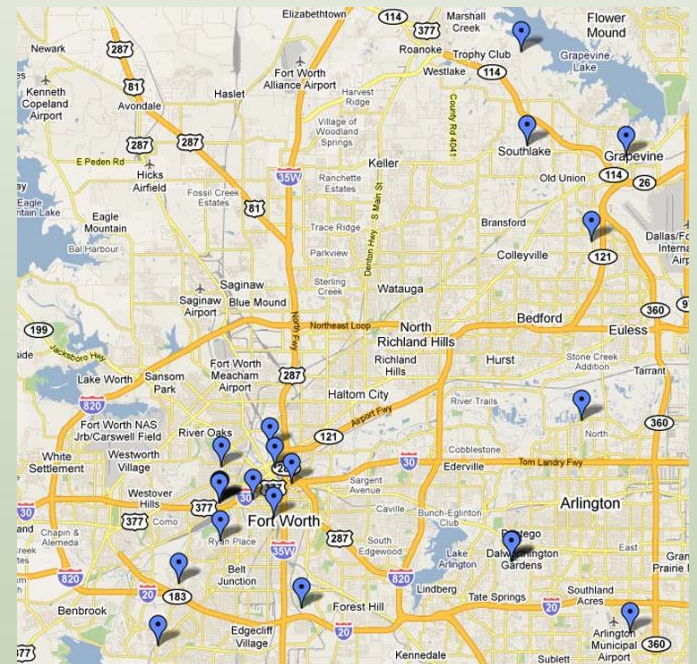
Is your landscape contributing to a healthy and sustainable environment? There's one way to find out - take the Earth-Kind Challenge. It's easy. Just answer a series of on-line questions about the cultural principles and practices used in maintaining your landscape. The higher the score, the more you are doing to help preserve and protect the environment in which we live. The Earth-Kind Challenge link is <http://aggie-horticulture.tamu.edu/EARTHKIND/>

We're On The Map!

By Marilyn Sallee

Ever wish you could see all our TCMGA projects on a map? Not just the addresses, but with location and directions like Google-Maps gives? Well, it is there – in Google-Maps. A map of the entire Tarrant County region, with pointers to each project location, and a text bubble about what it is, who is the chair, workdays, etc. This is an interactive map that you can move around to see your area best, zoom in and even see StreetViews.

Where is this map hiding? The link is on our new, full-redesigned website: <http://tarrantmg.org/>. Go to the Members Area and click on the Projects/Worksites link. From there, if you click on the photo of the garden, you go directly to the TCMGA Projects map.



If the map looks a bit off-center, it is because we have projects as far north as the Bob

(Continued on page 7)

TCMGA Announcements (cont'd)

Vendor Tables Coming!



Vendors can display their wares at the May TCMGA Monthly

Meeting for a meager \$10 per table! If you or someone you know would like a table at our meeting, please contact Bill Vandever at bvandever@sbcglobal.net.

MGs come shop and see what artistry and merchandise will be available!

We're on the Map (cont'd)

Jones Nature Center on Grapevine Lake, as far east as Fitzgerald School in southeast Arlington. We also reach southwest to the Nativescape at Southwest Sub-courthouse near Benbrook. But, by far, the most projects are located near downtown Fort Worth as you can see by the cluster of markers there.

One of the cool things about the map is to zoom all the way in for an exact location of the garden beds on larger properties so you know exactly where we work. You can also zoom into StreetView and see an actual view of several of the gardens from roadside.

And if you feel like it, you can even leave comments or notes on the map, and give it a usefulness rating. The map is maintained by Marilyn Saltee, so send any changes or new info to her. The TCMGA officers also have access to make changes, but everyone can view and use it.

Go check it out: http://tarrantmg.org/tcmga_new_website_009.htm

Specialist Training

Master Gardener Specialist – Irrigation Efficiency Training

Texas AgriLife Extension Service

Host: Bexar County Extension

Training Location: San Antonio Botanical Garden

555 Funston Pl

San Antonio, TX 78209-6635

(210) 207-3250

March 29-31, 2010



Automatic irrigation systems are a con-

venient method to irrigate and maintain landscape beauty and investment. However, most homeowners tend to overwater their landscapes and create runoff. Runoff wastes valuable water and contaminates water resources. Irrigation efficiency and other landscape water conservation practices are the keys to protecting water resources, maintaining a beautiful landscape and extending your community's water supply.

The Master Gardener Specialist – Irrigation Efficiency training will cover hands-on practices for determining irrigation efficiency, setting controllers, soak and cycle method, minor irrigation repairs, system trouble shooting, catch-can test, converting spray head irrigation to new water conserving heads, converting spray irrigation to drip irrigation and other water conservation practices.

Registration closes March 22, 2010. For more information go to <http://texasmastergardeners.org/>

Get to Know with Your Fellow MGs!

Mystery Master Gardener!



Did you know we have 300+ MG's in Tarrant County? How many of them do you know? Well, the more you know, the better; they are a wonderful group!

The new "Name the MG" article will assist in introducing and getting you acquainted with your fellow MGs. Who is this month's "Mystery Gardener"? Below is information about the "Mystery Gardener". Guess if you can, the answer will be revealed in next month's issue, so you have plenty of time to talk to MGs to identify this gardener!

Here's the description of this month's Mystery Gardener:

- A native of Rochester, New York;
- Lived in Michigan, Ohio, Oklahoma and Georgia before moving to Fort Worth in 1981, to begin my career as a microbiologist with Alcon Laboratories;
- Is a proud father of two children: a son in New York and a daughter in New Hampshire;
- Is a proud grandfather of two grandsons in New Hampshire, ages 3 and 5. A granddaughter is on the way;
- Personal traits include: analytical, committed, inquisitive, reserved, soft spoken, sense of humor, tolerant, witty;
- Has been involved as a volunteer with Everman I.S.D. (math and reading tutor), Big Brothers, Big Sisters and The WARM Place;
- Retired in 2009 from Alcon Laboratories and enrolled in the TCMGA Intern Program;
- Master Gardening runs in the family;
- Earned Intern of the Year Award;
- Been known to frequent compost sites and tout it's benefits;
- A well-known volunteer at the Community Garden, OLE, UGM and Botanic Garden;
- Collects rainwater and teaches the benefits of rainwater harvesting to others;
- Serves as an advisor to others; and
- Enjoys meeting new people in the organization and working alongside them at Projects and the opportunity to learn how to garden in clay soil and grow things other than Henbit, Nutsedge and Vetch!

Who is this Mystery Gardener?



Happy Birthday, Master Gardeners!

April Birthdays

- 1 Charlotte Berck
- 2 John Stanley
- 6 Emily Beyette
- 8 Danielle Fromer(I) Jaime Hart (I)
- 9 Steve Prenger
- 10 Fatima Gameiro
- 13 Margaret Anderson, Shirleen Martin
- 14 Susie Earnest
- 16 Pat Hanshaw, Wanda Estes (I)
- 20 Linda Turner, Mary Lynn Haines (I)
- 21 Doug Montgomery (I)
- 23 Larry Matl
- 24 Debbie Bollinger
- 25 Berry Bock, Teresa White
- 26 JoAnn Hahn
- 28 LuCurtis Williams
- 29 Rhett Cervantes
- 30 Leeann Rosenthal

If your birthday is this month and you don't see it. Please contact Doris Hill, (817) 337-8484 or email artanddorishill@verizon.net.

Directory Updates

Please note the following updates in your membership directory:

New mailing address:

Patricia A. Baughman
1512 Azteca Drive
Fort Worth, TX 76112-3002
patriciabaughman@att.net
(817) 703-1695

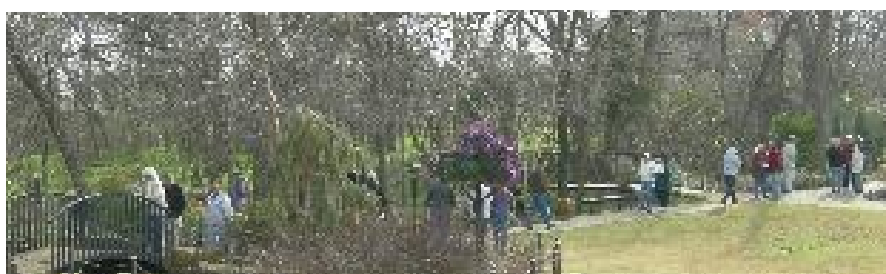
Report any changes or corrections to Carl Trehus at c.trehus@gte.net or 817-481-3435.

MGs In Action

Intern Photos by Stephen Purdy



(Above and Adjacent)
**2010 Intern Class Field Day Trip
 To
 Heritage OLC
 Grapevine Botanic Garden
 Bob Jones Nature Center
 Liberty Garden**



**MGs
 At Landscape
 Design School
 in
 College Station**



Photos by Nancy Curl

April 2010 Calendar

SUN	MON	TUE	WED	THU	FRI	SAT
				1 8:30a Alice Carlson 10a TCMGA MEETING	2 Good Friday OFFICE CLOSED	3 9a Wildscape Class: - "Landscaping with N Central Texas Native Plants" by H. Dowell APRD
4 	5 8:30a Alice Carlson 9a Union Gospel	6 8a Liberty Gdn. 9a Randall Mill PK Greenhouse 8:30a BG Trial 8:30a CG Veggie	7 9a Veterans Park 9a Teen Challenge 9a BG Perennial 9a BG Children's 9:30a Thistle Hill 3:15p Fitzgerald Free Organic Classes -5208 Hidden Oaks Arlington 817-572-0148	8 8:30a Alice Carlson TMGA MG CONFERENCE Urban Solutions Center Course— Saving from a Rainy Day-Making a Rain Barrel	9 8:30a CG Veggie 8:30a JPS Meditation Garden TMGA MG CONFERENCE	10 9am SW Crthse 9am Compost Demo TMGA MG CONFERENCE FW BOTANIC GARDEN SPRING PLANT SALE
11	12 8:30a Alice Carlson 9a Union Gospel 2:45p Heritage Elementary.	13 9a Randoll Mill Pk Greenhouse 8a Liberty Garden 8:30a BG Trial 8:30a CG Veggie	14 9a Veterans Pk 9a Teen Challenge 9a BG Perennial 9a BG Children's 3:15p Fitzgerald	15 8:30a Alice Carlson Wildscape Elementary School Field Trip—"Walk on the Wildside"	16 8:30a CG Veggie	17 2ND ANNUAL MG PLANT SALE Grapevine Garden Club Sale 8a-1p FW Botanic Garden Iris Society Show
18	19 8:30a Alice Carlson 9a Union Gospel	20 9a Randoll Mill Pk Greenhouse 8:30a BG Trial 8:30a CG Veggie Urban Solutions Center Course— Community Gardens	21 9a Veterans PK 9a Teen Challenge 9a BG Perennial 9a BG Children's 9a FW Hulen Library 9:30a Thistle Hill 3:15p Fitzgerald	22 8:30a Alice Carlson	23 8:30a CG Veggie 8:30a JPS Meditation Garden	24 FW Botanic Garden Spring Festival in the Japanese Garden FW Botanic Garden Flowercade
25 FW Botanic Garden Spring Festival in the Japanese Garden	26 8:30a Alice Carlson 9a Union Gospel 2:45 Heritage Elementary	27 9a Randoll Mill Pk Greenhouse 8:30a BG Trial 8:30a CG Veggie	28 9a Veteran PK 9a Teen Challenge 9a BG Perennial 9am SW Crthse 9a BG Children's 3:15p Fitzgerald	29	30	



March Field Trip Friday, March 26, 2010

Phase 1– North Haven Gardens:



- 30 minute presentation by staff members on Backyard Chickens
- Lunch – **bring your sack lunch**, water provided
- Plenty of time to shop & check out Square Foot Gardening Demo

Phase 2– City of Plano Composting Facility:

- Drive to City of Plano Municipal Building – park
- Pick up FREE shuttle bus provided by Plano
- Visit the two composting sites & return to Municipal Building
- Tour Plano Community Garden - Optional



Bagged compost will be available for purchase at \$4.00 per 1 cubic foot bag. Cash or check please.

PLEASE CARPOOL – MEET AT ONE OF THE FOLLOWING LOCATIONS:

- 8:30a** Botanic Gardens Building Parking Lot
8:30a Hobby Lobby Parking Lot
 SW Corner I-20 and South Cooper,
 Arlington
9:00a Joann's Parking Lot
 1250 William D. Tate, Grapevine

Upcoming Field Trips



May 13th - Farmers Branch Rose Garden
 Earth Kind Rose Garden, Historical Park,
 Community Garden



Early September: Tierra Verde Golf Club, Arlington

Audubon Signature Status - wildlife conservation, water conservation, waste reduction & IPM Tour via golf carts.

Pam Braak and Donna Fry
 Activities Committee

Tarrant County Master Gardener Community and Education Garden Plant Sale



Annual Plant Sale
April 17
9:00 am—2:00 pm



For more information
taddieh@sbcglobal.net

TCMGA Community & Demonstration Garden Classes

Coming in March:

Friday, March 19 - Composting
 Saturday, March 27—Rainwater Harvesting &
 How to Make a Rain Barrel

Coming in April:

Saturday, April 17—Plant Sale

Coming In May:

Herb Gardening
 How to Make Self-Watering Container-Propagation
 How to Make a Hypertufa Pot
 How to Make a Copper Trellis and Rain Gauge
 Drip Irrigation

To register for these educational classes, contact **Nancy Curl** at nl_curl@yahoo.com.



May Events

- 1 Wildscape Mini-class— “Conserving Water in Your Landscape” by Dotty Woodson, Ext. Program Specialist, Water Resources
- 6 TCMGA MEETING**
- 13 Field Trip to Farmers Branch Rose Garden

Take a Deep Breath and Thank a Plant (cont'd)

(Continued from page 1)

decided to try out some common houseplants. His laboratory studies showed that the plants could remove volatile organic compounds (VOCs) from the air. VOCs such as benzene, formaldehyde and trichloroethylene are released by plywood, particleboard, carpeting, paint, cleaning products and other common components of our indoor environment. Dr. Wolverton went on to publish his research findings in a book, *How to Grow Fresh Air: 50 House Plants that Purify Your Home or Office*. It is frequently referred to by everyone from Dr. Oz on the Oprah Winfrey Show (November 2007) to my mother who is always trying to give me her extra spider plants.



Here are some of the plants recommended for removal of specific VOCs:

BENZENE

Source of Toxins:

Detergents, Inks and Dyes, Plastics, Rubber Products, Petroleum Products, Synthetic Fibers, Tobacco Smoke

Plants Associated with the Removal of Benzene:

Spathiphyllum (Peace Lily),
Dracaena spp.,
Gerbera (Gerber Daisy),
Hedera spp. (Ivy),
Chrysanthemum (mum),
Aglaonema (Chinese Evergreen)

FORMALDEHYDE

Source of Toxins:

Carpeting, Cleaners, Foam Insulation, Furniture, Paper Products, Plywood and Particle Board

Plants Associated with the Removal of Formaldehyde:

Ficus spp. (Weeping Fig),
Philodendron spp.,
Chlorophytum (Spider Plant),
Sansevieria (Snake Plant),
Chamaedorea (Bamboo Palm),
Hedera spp. (Ivy),
Epipremnum (Golden Pothos)

TRICHLOROETHYLENE

Source of Toxins:

Adhesives, Dry cleaning, Inks and Dyes, Lacquers and Paints, Paper Products, Varnishes

Plants Associated with the Removal of Trichloroethylene:

Dracaena spp.,
Gerbera (Gerber Daisy),
Spathiphyllum (Peace Lily),
Chrysanthemum (mum)

There is some controversy about whether a 'reasonable' number of houseplants can actually remediate a serious indoor pollution problem. Elimination of pollution sources and increasing ventilation are the most effective ways to improve indoor air quality. Plants do offer an inexpensive and attractive way to capture and remove some toxins. In your personal breathing zone, the 6-8 cubic feet of air that surrounds you as you sit at your computer or sleep in your bed, plants can certainly help you breathe easy.

(Continued on page 13)

Take a Deep Breath and Thank a Plant (cont'd)

In The Great Outdoors

Air pollution results from the combination of many factors, but as anyone who follows summer weather forecasts knows, high temperatures are essential for the creation of ozone. Ozone develops at ground level when emissions from vehicles heat up. This ozone is the primary component of urban smog and the reason the Air Quality Index in Tarrant County sometimes reaches unhealthy levels.



Plants improve outdoor air quality in two ways. The first is by simply reducing air temperatures. Because they are always transpiring, plants provide evaporative cooling.

Trees can do even more to cool the air in urban environments because they shade heat absorbing surfaces such as asphalt.

“Trees are carbon sequestration machines, but all plants provide environmental benefit”

There is lots of talk these days about carbon footprints and carbon sequestration. One definition of a carbon footprint is the total amount of carbon dioxide emitted that can be attributed to the actions of an individual. Most of the size of your carbon footprint is determined by the amount of energy you use to get around and maintain a comfortable indoor environment, but everything you consume also contributes to your footprint. The average American person has a 21 ton carbon footprint. The average American shade tree has negative 11 ton carbon footprint.

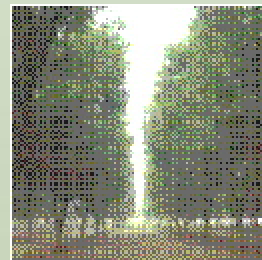
How do they do it? Photosynthesis requires carbon dioxide so plants are constantly taking it in from the air. They release the oxygen and then store the carbon in organic molecules. Long lived woody tissues can store the most carbon. Large growing shade trees can store or sequester

large amounts of carbon. If you have the space to do so, plant an oak, pecan, cedar elm, or bald cypress tree. Support community tree planting efforts and let your elected officials know that trees are a great environmental investment. An October 2007 study in Portland (Oregon) found nearly \$27 million in environmental and aesthetic benefits from street and park trees that cost the city and private property owners only \$6.5 million in maintenance costs. That's a return of \$3.80 for each dollar spent.

Trees are carbon sequestration machines, but all plants provide environmental benefit. In *Technical Assessment of the Carbon Sequestration Potential of Managed Turfgrass*

in the United States, Dr. Ranajit Sahu found that managed turfgrass where clippings were left on the ground captured four times more carbon than is produced by the lawnmower that cuts it.

Plants even help reduce air pollution that has nothing to do with carbon or paint fumes. The National Arbor Day Foundation claims that a continuous row of trees and shrubs that is at least 16 feet wide can cut the ambient noise level by one half. Dr. Helen Russell at Oxford University found that a small hedge surrounding an indoor workspace cut noise by an average of 5 decibels. In addition to removing carbon dioxide and other pollutants, plants can even filter noise pollution.



Long-Established Roses Earn Earth-Kind Distinction!

By Mike Jackson

Judges say they are “beautiful roses for busy people”.

DALLAS – They embody traits few others share – beauty, toughness and easy maintenance – and that has earned them the highest distinction a rose can achieve, said Dr. Steve George, a Texas AgriLife Extension Service horticulturist in Dallas.

Cecile Brunner and Reve d’Or were recently named Earth-Kind Roses by a team of horticulturists with AgriLife Extension. Only 21 roses hold the title.

Reve d’Or, originally released in 1869, earned an additional honor by being named 2010 Earth-Kind Rose of the Year, George said.

“Both roses are simply gorgeous,” he said.



Cecile Brunner, introduced in 1881, is light pink and the bush grows to about 4 feet by 3 feet, George said. Adapted throughout Texas, it’s a repeat-bloomer,

fragrant and tolerates some light-dappled shade in the afternoon. It is also known as the “Sweetheart Rose.”

Reve d’Or (pronounced reh-v dohr) is medium-yellow, fragrant, nearly thornless and also a repeat-bloomer. Adapted to all of Texas except the upper Panhandle, the bush is a vigorous climber that will grow 10 feet to 18 feet tall and about 8 feet wide, he said. Its name is French for “dream of gold.”



“Reve d’Or is the healthiest yellow rose that we have ever tested,” he said.

There is more to these roses than good looks, George said. Earth-Kind Roses are robust and thrive in tough conditions. Grown and evaluated over eight years on average, the roses are not fertilized or pruned when tested. They are not treated with pesticides, and are watered far less than other roses. They also are grown on their own roots, as opposed to those grafted onto other plants.

The results are roses that are easy to grow and maintain, he said.

To be Earth-Kind, a rose must have received the designation from AgriLife Extension, an agency of the Texas A&M System. Earth-Kind is a registered trade mark of AgriLife Extension.

“These winners of the prestigious Earth-Kind designation are long-lived, tolerant of most any soil and are so environmentally responsible that almost never will you need to apply harsh pesticides or even commercial fertilizer,” George said.

“These are truly roses with which anybody can be successful.”

A list and descriptions of all Earth-Kind Roses can be found at <http://earthkindroses.tamu.edu>.

George and the team of Earth-Kind rose evaluators offer growing tips:

- The roses should be planted where they receive at least eight hours of direct sunlight daily.
- Their location should allow for good airflow over the leaves.
- They should be planted in well-aerated soils. (Visit the Earth-Kind Rose Web site for details on how to manage specific soils.)
- They need the year-round protection of a 3-inch layer of organic mulch over their root systems.

Volunteer Opportunities for TCMGA

Project Code & Name	Work Days/Times	Project Manager	Phone
301 BRIT Activities	Call Chairman	Kay Yount	817-292-7690
302 BG Perennial Garden	Wed. 9:00 am	Cindy Woelke	817-366-4436
302 BG Trial Garden	Tues. 8:30-11:30am	Susan Miller semiller@sbcglobal.net	817-261-1420
303 Community Garden			
Community and Demo Garden Chair	Steve Chaney, s-chaney@tamu.edu		817-884-1945
Project Leads			
Barn Beds	Charlotte Berck, caberck@dot11.net		817-426-6417
Compost & Rainwater Harvesting	Ron & Sue Ellen Schiltzer, s.schlitzter@sbcglobal.net		817-294-1329
Community Vegetable Beds	Bill Vandever, bvandever@sbcglobal.net		817-244-1580
Demonstration Beds	Kim Freeman, bamagirlntx@sbcglobal.net		817-292-3775
Education	Nancy Curl, nl_curl@yahoo.com		817-319-1795
Education – TCU	Pat Higgins, ragdollpatb@sbcglobal.net		817-946-6278
Enabling Garden	TBA		
Greenhouse/Propagation	Claire Alford, caagardner@aol.com		817-481-8861
Herb Garden, Wednesdays	Rita Hottel, aescom@charter.net		817-295-2883
Hospitality (Cook-outs)	Beverly Beazley, babeazley@tx.rr.com		817-483-7080
Orchard	TBA		
Mowing/Edging	TBA		
Perennial Garden	Ginger Bason & Joann Hahn, gbason@hotmail.com , joannhahn@att.net	817-817-838-7321/817-923-9250	
Plant Sales	Taddie Hamilton, taddieh@sbcglobal.net		817-534-3440
Potting Shed	Pat Lovejoy, palovejoy@att.net		817-447-7924
Rain barrel construction	Claudia Teague, cteague@flash.net		817-444-2247
Rose Garden, Tuesdays	Nan Garvin, garbre@hotmail.com		817-477-2867
Topiary (children's garden)	Peg Surber, txsurber@aol.com		817-232-5035
Treasurer	Donna Morris, morrisdl@swbell.net		817-560-7767
Watering	TBA		
304 Thistle Hill	1 st , 3 rd Weds. 9:30 am	Emily Ward	817-281-5925
304 Union Gospel Mission	Mon. 9 am	Gay Larson	817-441-6560
304 Teen Challenge	Wed. 9 am	Debbie Bollinger	817-498-1508
304 JPS Meditation Garden	2nd & 4th Fri. 8:30am	Kay Lewis	817-281-6600
304 Casa House	Call Chairman	Rocky Deutscher	817-991-7171
203 Grapevine Botanic Garden			
Docents	Call Chairman	Shari Stanfield	817-685-9990
<u>Environmental Projects:</u>			
305 Composting Demo	2 nd Sat.	Charlie Shiner	817-488-6123
305 FW Library at Hulen St.	3rd Wed. 9 am	Devanie Fergus	817-683-3332
		Evaline Woodrey	817-295-5281
305 SW Sub-Courthouse	2 nd Sat., last Wed. 9 am	Gailon Hardin	817-475-0923
305 Liberty Garden	Call Chairman	Wendi Carlucci	817-488-5640
	2nd Tues., 8-11 am		
305 Veterans Park-Wildscape	Tues. 9-12n Randall Mill Pk. Greenhouse		
	Wed. 9-12n, 1st Sat., 9-12 am	Nancy Swan	817-535-9991
305 Bob Jones Nature Center	Call Chairman	Nancy Searl	817-542-3190
<u>School Gardens:</u>			
306 Alice Carlson	Mon. & Thurs. 8:30 am	Sharon Chastain	817-926-2575
306 Fitzgerald	Wed. 3:15 pm	Leeann Rosenthal	817-237-7180
306 BG-Children's Garden	Wed. 9-11:30 am	Mary McCoy	817-561-0598
307 Heritage School OLE	8-10am each Mon.,	Jackie Peel	817-581-0977
	2nd & 4th Mon. 2:45pm		

Tarrant County Master Gardener Association
200 Taylor St., Suite 500
Fort Worth, Texas 76102-7308



Important Websites to Know!



Our local TCMGA website:	<u>http://www.tarrantmg.org/</u>
State MG Website and TMG news:	<u>http://www.texasmastergardeners.com</u>
State Newsletter:	<u>http://www.tmganewsletter.org</u>
Our RC Demo Garden Website:	<u>http://www.localharvest.org/member/M27123</u>
NCNPSOT:	<u>http://texasnativeplants.org</u>
Aggie Horticulture:	<u>http://aggie-horticulture.tamu.edu</u>
Earthkind:	<u>http://aggie-horticulture.tamu.edu/earthkind</u>
Texas Superstars:	<u>http://texassuperstars.com</u>
Fort Worth Botanic Garden:	<u>http://fwbg.com</u>
Wildscape:	<u>http://thewildscape.org</u>
Urban Solution Center:	<u>http://urbansolutioncenter.tamu.edu</u>
Botanical Research Institute of Texas:	<u>http://www.brit.org</u>