

Publication of the Tenarky District

Winter/Spring 2013

Volume 19 Issue 1

All Rose Society Members & Friends Are Invited to Attend the 2013 TENARKY Winter Workshop: February 8-10, in Franklin, TN

All Rose Society members and friends are invited to soak up vital rose information and enjoy rosy contacts and friendships at the 2013 TENARKY Winter Workshop weekend, February 8-10, at the Marriott Hotel-Cool Springs in Franklin, Tennessee. Featured presenters include newly elected ARS Vice-President Pat Shanley and horticultural specialists, including Tom Stebbins, Dr. Mark Windham, Baldo Villegas, Carol Shockley, Robbie Tucker, and Whit Wells.

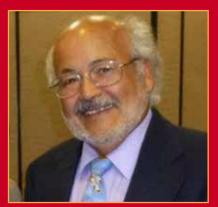
Weekend exciting events, beginning Friday evening through Sunday noon, include an informative, welcoming, "garden-sleuthing" talk by popular Master Gardener speaker, Tom Stebbins, seminars and lectures, Pat Shanley's timely presentation on Saturday evening, and a Sunday morning Consulting Rosarian School. New and Classic bare-root roses will be offered for sale, benefitting the TENARKY District.

ARS Vice-President Pat Shanley will present the Workshop's Keynote Address at the Saturday evening Awards Banquet, concerning "A Rosy Future for Gardeners and the Industry." She is also the Guest Editor of the 2012 American Rose Annual (November-December 2012) and the Co- Editor and Author of the ground-breaking book, The Sustainable Rose Garden.

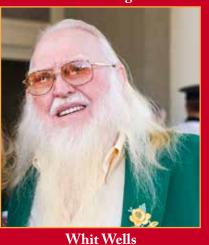
Saturday's featured speakers are Dr. Mark Windham from the University of Tennessee Knoxville (Entomology and Plant Pathology Department), Baldo Villegas from Orangeville, California (retired Entomologist for the California Food and Agriculture Department), Carol Shockley, Conway, Arkansas (Master Rosarian, exhibitor, researcher of new rose varieties), and Robbie Tucker and Whit Wells (accomplished Tennessee Hybridizers). They will all be discussing their accumulated wisdom, experiences, and discoveries about "The Challenges and Enjoyment of Roses."



Pat Shanley ARS Vice President



Baldo Villegas



Highlights from TENARKY 2012 Fall Convention and **Rose Show**

Outstanding Roses, Speakers, and Ante-Bellum History at Belmont University

By Mary Ann Hext and Sam Jones

Nashville's historic Belmont University warmly welcomed the Tenarky District Fall Convention and Rose Show, October 5-7, 2012. The weekend event included something for all rose lovers. At Saturday's Award Banquet, Clayton Beaty, owner of Beaty's Fertilizer and producer of Mills Magic Rose Mix, was presented the TENARKY District Silver Honor Medal for his outstanding service in the promotion of roses, rose cultivation, and generosity. Kathy Brennan was recognized for her educational and rose-growing efforts as the Outstanding Consulting Rosarian for the year 2011. Richard and Harriet Weidner were recognized for their loyalty (Cont'd on page 7)



Charles Lott, (left) presents Clayton Beaty, (center) with the ARS Silver Medal along with Sam Jones, (right)

Congratulations to TENARKY District Outstanding Rosarian for 2012

by Susie Epperson

At the 2012 TENARKY fall convention, Kathy Brennan was recognized as the TENARKY District's Outstanding Consulting Rosarian for 2012. As an American Rose Society (ARS) Consulting Rosarian for five years and an active member of the Tennessee Rose Society (TRS) in Knoxville, TN and also a member of the Nashville Rose Society in Nashville, TN, Kathy is an avid gardener and an enthusiastic rosarian. In an effort to inspire love and appreciation for roses, she has generously given of her time to share her knowledge of roses with other rosarians and the public. Kathy has:

- Served as President, First Vice President, and Second Vice President/Program Chairman for TRS
- Served as Chairman of the 2011 TENARKY district Convention and Show
- Published numerous rose-related articles for the Tennessee Rose Bud, the Nashville Rose Leaf, and Katnips newsletters
- Given frequent talks and PowerPoint programs on growing roses to rose societies, local garden clubs, and at the UTK Gardens
- Created the monthly TRS Members' Workshop to discuss current problems and challenges in members' rose gardens
- Presented four workshops and programs on roses each year for the last six years at two Knoxville-area businesses – Stanley's Greenhouse and Meadow View Greenhouse and Landscapes
- And for several years has opened her garden to the public for the annual Knoxville Dogwood Arts Rose Tours.



Kathy's rose odyssey is unique! Growing up in East Tennessee, she learned to appreciate gardening at a young age. Her father grew vegetables, herbs, and hydrangeas; and her mother grew irises, lilies, peonies, dahlias, and roses. Kathy remembers her mother's beautiful yellow floribundas (her mother's favorite) and her climbing pink and red roses on their fence and their mailbox. Every year on Mother's Day, Kathy's mother would make her a rose corsage to wear to church with her new dress, shoes, and gloves. The roses made her feel like a princess.

As an adult, Kathy's first personal experience with growing roses was very disappointing. In 1981 when her family moved into a new house with a large yard, Kathy decided she wanted a rose garden. As an inexperienced and uninformed gardener, she made several novice mistakes. She purchased ten bare-root rose bushes at the local K-Mart. These roses were not grade 1. Their roots had been severely cut back and the bushes had been dipped in paraffin and packed in sawdust!!! In addition to these less than vigorous bushes, Kathy's new house was located on Chert Pit Drive, which might have been a hint to a more experienced gardener. Her yard was chert! (FYI – Chert is a fine-grained, compacted sedimentary rock with minimal nutrients and limited water-holding capacity). Undaunted, Kathy decided to plant the roses in the ground (e.g. chert). After surveying her yard, she selected the "perfect" spot for her new rose garden – under a mature sycamore tree! In the midst of the tree's massive root system, she dug holes and planted each (dormant) rose. All ten of the roses died!!! Alas, Kathy's first rose garden was not to be on Chert Pit Drive.

In 1994, Kathy and her family moved into another house, and this yard had fertile soil. Shortly thereafter, Kathy's garden club visited the most beautiful rose garden she had ever seen – the 300-plus rose garden of Knoxville Master Gardener and ARS Consulting Rosarian, Peggy Tippens. Cupid's rose-colored bow shot through Kathy's heart and she was head-over-heels in love – with roses and the idea of creating her own rose garden. This time before buying roses, she acquired and studied books on roses, joined the Tennessee Rose Society, and talked with knowledgeable mentors, Rhonda and Joe Spruiell, ARS Master Consulting Rosarians. She ordered 15 rose bushes from Roses Unlimited. All these roses grew and thrived.

Kathy is the first to admit that she has learned a lot and come a long way in her rose-gardening journey. Currently, she grows 300 roses (hybrid teas, grandifloras, floribundas, David Austin English, shrubs, minifloras, minis, OGR's, climbers and ramblers). These are planted around her house so she can see roses from every window. Kathy is experienced and knowledgeable about all aspects of rose culture and enthusiastically shares her expertise and love of roses with numerous individuals and organizations. Kathy welcomes everyone to visit her garden which she named "Brenrose Garden." Through her participation in local rose societies and in the TENARKY district and her willingness to help others, Kathy has made many rose friends – rosarians who also share her enthusiasm for growing roses.

An amazing rose odyssey and an amazing rosarian - we salute and congratulate Kathy Brennan on an award well deserved!

Director's Message

What Does the Future Hold?

By Sam Jones, TENARKY District Director

2013 – Beginning of the "teenage" years of this century, which has already seen its share of tumultuous growing pains, spring-time hopes, followed by dashed dreams and despair of the future

The world of roses sometimes seems no less troubled. With roses, we face questions that are familiar to everyone: What does the future hold?

Steve Hutton, CEO of Conard-Pyle's Star Roses, the company famous for introducing two revolutionary, groundbreaking roses, Peace and Knock Out, wrote in the 2012 American Rose Annual that during his thirty-five-year nursery career he has seen the annual field-grown production of traditional roses decrease by 70%. However, sales are flourishing for non-traditional shrub-types, many grown in pots from beginning to end. The reasons are obvious: Growers are not inclined to keep spraying what they consider toxic chemicals; and rather than build formal rose gardens, they often want to integrate roses into mixed plantings. Disease-resistant shrubs are favored, and roses grown on their own roots, which may climb to 90% of all varieties sold, have advantages of economy, versatility, and ease of production by a wider community of smaller growers.

So what does the future hold? Hutton suggests there will be smaller producers growing specialized varieties that are more often sold over the internet and suited to particular regions of the country. Yet, even with significant changes in the rose industry, he believes that "consumers want to grow roses, and not just shrub roses. They want healthy, robust hybrid teas; they want fragrant roses; they want free-flowering climbers with winter-hardy canes; they want new colors; they want honest information on what varieties they will be successful with." And, there is hope: Hutton believes that the developing new industry "will be able to give

them what they want," and we will again "be selling 80 million plants per year and everyone will be happy."

Well, how do we in our TENARKY Rose Societies face such a future foreseen by a key player of the American rose producers?

Let me say that the wave of the future is already felt in the TENARKY District, and has been for some time. Robbie Tucker and Whit Wells, along with David Clemons close-by, have been introducing miniatures, mini-floras, and more disease tolerant shrub-types for more than a decade, many of which have been widely popular, and have been significant players in the national miniature conferences, as well as in traditional rose shows across the nation.

Secondly, the keynote speaker at our Winter Workshop, ARS's new Vice President, Pat Shanley, has already been paving the way for another significant wave of the future: Sustainability. Working with Steve Hutton in a series of discussions with influential rosarians and rose business people, she has helped forge an "enduring partnership" between the American Rose Society and the Rose Industry for launching a new program for delivering award-winning, easy-tocare-for roses that are "disease tolerant and suitable for different regions of the country." As a result, in September 2012 in Houston, Texas, the American Garden Rose Selection (AGRS) was formed with a focus on "Sustainability and Regionality." Replacing the disbanded AARS (All American Rose Selection), the group has identified regional trial garden sites, established strict testing standards, and



Sam & Nancy Jones

expects to accept entries for the 2013 season. Because of Steve Hutton and Pat Shanley's combined efforts, Pat can say (as a final word as Guest Editor of the 2012 American Rose Annual and Co-Author of The Sustainable Rose Garden) that "The future of the American Rose Society and the Rose Industry together is now one that we can look forward to with hope and enthusiasm."



How should we face this hopeful future with enthusiasm in our rose societies?

Let me hear your thoughts. Also, let me hear of some of your desires and experiences with sustainable methods of rose growing. What roses are you growing that require less spraying? How are you using roses in your garden with mixed plantings? What are your favorite fragrant roses? What success have you had with beneficial predator insects? Have you tried container gardening, with more control over your feeding, watering, sunlight, soil composition, amendments, drainage, and location? Does your society or community have the space and manpower to consider a trial garden for an American Garden Rose Selection site?

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2013 TENARKY Winter Workshop

(Cont'd from page 1)

Rose Sale - Ongoing during the workshop, 200 bare-root roses, including both new and time-honored selections (20 varieties of 10 plants each) will be auctioned for sale as a fundraiser for the TENARKY District. Again this year these two-year-old field-grown roses are being graciously donated by Certified Roses, Inc. of Tyler, Texas, one of the nation's largest distributors of American roses.



Workshop Information - Weekend Schedule Details: For more information about the schedule, speakers, list of bare-root roses for sale, and other questions, visit: www.tenarky. org.

Hotel Rooms: A special Block of rooms has been reserved at the Marriott Hotel, 700 Cool Springs Boulevard, Franklin, Tennessee 37067; guaranteed for the workshop rate of \$95 per night plus taxes (single or double occupancy). Call 615-261-6100, mention TENARKY District (American Rose Society). Reservations after Friday, January 25, 2013, are subject to availability, after which normal hotel rates may apply.

Registration: The Registration Form may be downloaded from www.tenarky.org. All Registrations made before February 1st will save \$10 over the walk-in workshop fee. The forms with checks made out to "Tenarky District Workshop," should be mailed to Sharon Wuorenmaa, Registrar, 1012 North Pope Lick Rd., Louisville, KY 40299 Phone: (502) 245-9363 Email address: wuorenmaa@bellsouth.net

For more information, please contact us: Sam and Nancy Jones, phone: 615-646-4138; Email: gsamj@bellsouth.net. We are looking forward to seeing all of you in February!

What Does the Future Hold?

(Cont'd from page 3)

If world's interest in roses is high, but preferences are changing, how can our societies be in the forefront of major innovations? What about our rose shows? Consider: What about a section for entries for the best collection of roses, any number of any variety, grown without chemicals, and include a card describing the methods. How about a section for displays of garden designs and features, showing the "best creative use of roses"?

Here is another thought: Instead of a Rose Show, consider a "Festival of Roses" somewhat along the lines that Knoxville has tried in partnership with the University of Tennessee's horticultural department. Displays in the festival could be recipes and actual foods and drinks prepared with rose petals or hips; fragrances using roses; a display featuring sustainability; a display of roses that grow well in your region; a display showing container-grown roses; a display for outstanding uses of climbing roses; a photographic display; or perhaps video presentations of various rose gardens in the community or society.

Sounds different? Like a lot of work? Perhaps a festival could be combined with District Rose Shows, with each society in the District displaying one festival event, which would be in addition to the traditional competitive classes. We shouldn't discard what works, but we can begin slowly, adding events that pique the interest of certain groups or individuals. The point is, we all love roses. The public loves roses. How can we stimulate theirs and our creativity and excitement about enjoying them more together?

What does the future hold? The watchwords are "Sustainability and Regionality." The possibilities are endless for forging a stronger bond with roses and nature that is more rewarding for all of us.

Wells Mid-South Roses is now For Love Of Roses,

Dear Rosarians:

We are pleased to announce the formation of For Love Of Roses, LLC which has recently acquired the assets of Wells Mid-south Roses of Brighton, TN. Richard J. Anthony, a national level exhibitor with 100 queens of show to his credit has teamed up with long-time friend and mentor Whit Wells. The octogenarian Wells will continue his hybridizing efforts along with Anthony and offer one stop shopping for garden and exhibition miniature and miniflora roses. The new entity is expanding operations and will include the roses hybridized by David Clemons, Robbie Tucker, Whit Wells and nine other hybridizers including Chris Greenwood.

The new web site www.forloveofroses. com while still being developed is fully functional and accepting rose orders at this time for immediate or delayed shipment. For a brief period of time, the web site address must be entered into the browser as opposed to searching on the web but, that will change once major search engines update their files of newly registered domains. Until then go directly to the web site through your browser for quick results and one stop shopping.

We also would appreciate it if you will let your fellow rose society members know about one stop shopping for all of their miniature and miniflora rose requirements at For Love of Roses.

Rosey regards,

Richard J. Anthony

ARS Consulting Rosarian ARS Horticultural Judge

Inspiration – The Preamble Of Life

By: Ted Mills, ARS Master Rosarian & Judge

Every facet of life has its beginning with the condition of the mind. What one thinks guides his will to determine what takes place to govern action.

Contemplation of what takes place in the thought procedure determines the resultant action.

In order to achieve optimum results in any endeavor the person must rely heavily on inspiration. Examination of any meaningful achievement will reveal that the person involved prefaced his or her involvement with a strong feeling of being inspired.

To illustrate the importance of inspiration one must look only to the writing of the Bible. The inspired Word of God was written by authors who benefitted from the inspiration of Almighty God. That, in itself, proves the importance of being inspired.

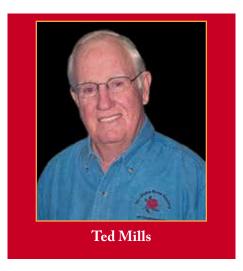
Rosarians are not immune to the need for inspiration. It is one of the most contributing factors to successful rose growing. Tracing the history of every person who enjoys the hobby will reveal that being inspired by another rosarian spawned their interest in this enjoyable endeavor.

Reflection over several years of rose growing reveals that being inspired led to my involvement in the hobby. The initial interest in rose growing began in a hospital room. While visiting a hospitalized, nationally recognized rosarian, a beautiful vase of roses on his bedside table caught my attention. I inquired as to where these spectacular blooms originated. To my surprise, I learned that my hospitalized friend had grown them in his own rose garden. The bouquet was awesome. Viewing the beauty of 'Double Delight' and 'Touch of Class' for the first time left me spellbound. The expert rosarian promised to teach me the art. This visit to a hospital room led to a long and enjoyable relationship with

my friend, as I studied his every cultural move in a garden of sure Queens. Inspired beyond measure by the hypnotic beauty of the rose arrangement, I was "hooked" for life.

It would be folly not to mention an incident that happened over a half century ago. It provided the initial spark that ignited my interest in roses. I had just returned from World War II military duty in Europe. Fellow high school alumni saw fit to elect me president of the alumni association. Preparing the school banquet area with beautification was my first assignment. Thankfully, the alumni secretary, a beautiful brunette, accompanied me in search of flowers. My kind neighbor shared roses from her rose garden and the duty was successfully completed. Not only were the meeting tables beautifully adorned, it was the beginning of a romance that led me to the altar of marriage. Yes, it was with Mary Alice, the girl who helped me harvest the roses. And our marriage lives on after 60 years. For me, this was inspiration at its finest.

Roses have a way of inspiring the onlooker to want to grow them and share in their beauty. More than any other flower, roses captivate the beholder to an almost hypnotic state of mind. But it is all for the good. If love or sympathy is to be shared, roses best convey the benevolent feeling of the grantor. A rose's fragrance alone will attract even the worst of personalities. Coupled with its spectacular beauty, there is no way to escape its spell. Right away, the onlooker is inspired to spread joyfulness among a troubled society. Even when remorse is prevalent, the presence of roses tends to comfort the saddest of souls.



It is not difficult to be inspired by the sight of roses. After all, these floral beauties are the most revered of all flowers in the world. Dating back millions of years, roses have commanded a lofty position in the world of flowers. Distinguished artists began painting them in 2000 BC. And today, that same artistic popularity exists.

Perhaps the most influential person to preserve the popularity of roses was Empress Josephine, the wife of Napoleon. She maintained the largest collection of varieties of the period. Scurrying for roses throughout the world, her shipments were allowed to pass through naval blockades that France encountered. Her patronage inspired others to grow these beautiful flowers. England was a prime beneficiary of her interest in roses.

Speaking of England, during World War II, my own interest in these flowers was awakened. Preparing to cross the English Channel to the beaches of Normandy, it was my pleasure to view the abundance of roses that adorned the yards of almost every residence. The British were inspired to produce beauty even though German bombs were falling all around.

Mentioning World War II brings memories of planting roses to honor fallen military veterans. Mass plantings of 'Veterans Honor' allowed me to provide an ideal tribute to these honorable men. Inspiration was the force that activated this patriotic action. Military cemeteries here and overseas experience this same revered expression.

Pondering the popularity of roses, it is not difficult to understand why the love

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Inspiration - The Preamble Of Life

(Cont'd from page 5)

of these flowers is so widespread. Joyous events are usually accompanied by a bouquet of roses. Weddings, anniversaries, birthdays, and graduations, to name only a few, are staged with roses in the scenario. Even our church sanctuaries are graced with these beautiful flowers. Why? It is because roses inspire the human spirit to a crescendo of love and admiration as no other flower commands.

Two events come to mind when roses are mentioned. These are the Rose Bowl Parade and the Kentucky Derby. Both these celebrations are featured by the decorative beauty of roses. All participants and onlookers are greatly inspired by the spectacular beauty that these flowers afford.

To illustrate the importance that roses command in the minds of government, one needs only to realize that the rose is America's floral emblem. President Ronald Reagan, by proclamation, announced in 1986 that the rose had been awarded this distinction. This honor did not come lightly. Many members of the American Rose Society, aided by federally elected officials, labored to bring this about. Although other flower enthusiasts vied for this recognition, congressional leaders wisely selected the rose for this distinction. They realized that the rose provided the most inspiration in the world of flowers. The selection of the rose for national recognition should not have been contested.

A brief look at the anatomy of the rose bush is a lesson in itself. Its makeup is an analogy of life and may be the reason the rose is so unique and creates such a strong feeling of inspiration. The non-grower who comes to view the roses allows his or her nose to descend toward the bloom even before beholding its petaled beauty. Like the busy bee, the visitor longs to partake of its fragrance. It is the one thing that separates the rose from most other flowers. Perfume-like odor, emanating from the bloom, seems to hypnotize the curious onlooker. Pleasant aromas have a way of inspiring people. Then too, the most important test is in the bloom. The most applause originates from the beauty of the flower.

Now that we have highlighted the beauty of the blooms, a look at the rest of the bush is justified. Right away, the thorns (prickles) gain attention. This is the negative part of the whole experience. But the thorns teach that with the positive there must be a negative to balance the equation. And the thorns are there to remind everyone to use care in life in order to escape hurt. Beauty has a price and the thorns are the debit.

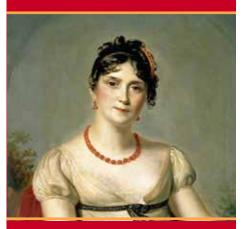
Of all the ways roses inspire, perhaps spiritual growth ranks at the very top. Even the reprobate can experience inspiration by viewing these beautiful flowers. Who among us can criticize what our Creator has provided? After all, only the Lord can create a rose. Rosarians simply act as instruments in the hobby. But personal enjoyment is paramount, particularly if the joy of growing is maximized by sharing roses with others – especially the infirmed. It is an act that speaks of godliness and compassion. Many lasting friendships are created and the recipients are inspired by this unselfish behavior.

All of God's people want this to be a better world. The inspiration gained by growing roses will go far in establishing a peaceful society. Not only will it grow the rosarian in graceful living, but it just may create a desire to live a better life among the masses that know not love and compassion. It can truthfully be said that growing roses tends to improve the spirituality of God's people. There is a prevailing sense of caring present that can be used by those whose burden is heavy.

Enlist in the army of inspired rosarians. Your contribution to the welfare of this noble hobby can spell advancement in the rose kingdom. There is not a more honorable association. The landscape will be enhanced in beauty but that is not the real benefit. Enhancement of personal attributes is the worthy beneficiary. The rosarian gains knowledge and a sense of accomplishment when the floral beauty occurs. Friendships will be cultivated and the joy of living will be improved beyond measure. Listen to your inspired spirit and join the band of folks who really care.









Disease Resistance?

by Jeff Garrett

Perhaps there is not a hotter topic in the rose world today than disease resistance.

When we started growing roses in the early eighties, we seldom if ever heard a peep about it. Now, you can't pick up a catalog without reading about all the great new disease resistant varieties. I attribute this to the introduction of the ever popular Knock Out rose. It's amazing just what the development of Knock Out has done to revolutionize the rose industry. Perhaps the biggest benefit of Knock Out is that more and more folks are growing roses. While once unthought-of, we are now seeing Knock Out roses growing in commercial landscapes as well. Every year I am amazed that Knock Out continues to be in such demand. All the hybridizers are working on more and more varieties that have good disease resistance.

Just exactly what is disease resistance? Webster defines resistance as the act of preventing a particular action. So just what does it mean to you to prevent a particular action? Since the most talked about and problematic disease in the Tenarky District is blackspot, let's use it for an example. Just what does it mean to you to read that a particular variety has resistance to blackspot?

We spray our roses on a weekly basis for disease prevention and on as needed basis for insect control. When I read that a variety is blackspot resistant, I expect it to be totally free of blackspot. After all, I am spraying to prevent the disease and if the variety is resistant, I expect to not see it on the rose at all. Perhaps the other extreme are those rosarians that chose to not spray for disease at all. They no doubt are willing to tolerate some blackspot as long as it doesn't totally defoliate the plant and keep it from producing lots of blooms.

So why do we buy roses that are advertised as disease resistant only to discover that they have little to no resistance to blackspot? Perhaps the most logical answer is that it probably has a lot to do with where the variety was tested for disease resistance. The Tenarky District is in perhaps the most perfect environment for blackspot in the entire United States. Unfortunately, most roses being marketed today are developed and tested in California. Another possible answer might be that some catalogs tend to present the roses to be a little more than what they really are. I have heard it said that there is no better fiction written today than what can be found in rose catalogs. The only way to really know what roses are actually disease resistant in our district is to grow them and find out first hand. We are very fortunate to have the University of Tennessee independently testing roses in

our district under the direction of Dr. Mark Windham.

The Tri-State Rose Society of Chattanooga maintains a "no spray" garden at the Veterans Park in Soddy Daisy, TN. Our goal is to show the public that roses don't have to be constantly maintained to do well. We also use it as a little test garden of our own. While we do grow several of the Knock Out varieties, we also grow other roses that are reported to be disease resistant. In addition to disease resistance, we are looking for roses that grow and bloom well. If your society is looking for a good project, perhaps you should consider building a "no spray" garden for your area to help introduce the public to roses.

At the annual Christmas Banquet of the Tri-State Rose Society of Chattanooga, our guest speaker was ARS Vice President, Pat Shanley. During her presentation, she discussed how important it is for folks to be growing the right varieties for their environment. We all know that roses that do well in California and New York will not necessarily do as well in the south. So therefore, it is important for us to know what roses do best in our area and recommend them to new growers. If we want to grow our membership, we need to do all we can to help folks be successful with roses. When recommending rose varieties to new growers, be careful to suggest varieties that will grow and bloom well, as well as have good disease resistance. An example is the ever popular 'Moonstone'. While 'Moonstone' is one of the prettiest roses on the market for our area, it is not very resistant to blackspot. Therefore, it is not a good candidate for beginners.

As you may know, the All American Rose Selections (AARS) program has ceased to exist. Work is underway to develop a new evaluation system to be known as the American Garden Rose Selections (AGRS). Perhaps the biggest difference between AARS and AGRS is that the roses will be evaluated and reported on a regional basis. This should go a long way in making the information more pertinent to our growing environment. Since this program is just getting started, it will be a few years before we see any meaningful information from it.

There are other possible reasons that our roses are not exhibiting the disease resistance that was advertised in the catalog. Perhaps the most common reason is the lack of proper soil preparation. We feel that soil preparation is the most important part of being successful with roses. After all, having a good growing environment is the foundation of any good rose garden. No building will withstand the test of time without a good solid foundation. The same is true for roses. Healthy roses full of vigor will definitely be more resistant to disease. Even Knock Out roses will grow and bloom better if they are grown in a properly prepared rose bed.

Disease resistant roses are certainly the hope and future of our great hobby. Attracting new rosarians will largely depend on the success hybridizers have in further development of disease resistant roses. We all look forward to having exhibition form hybrid teas with good disease resistance. Better yet, let's get some disease resistant roses that also have good fragrance!

Highlights from TENARKY 2012 Fall Convention and Rose Show

and service to the District by a presentation of a "See-Rock-City" bird house, a gift from Ted Mills, representing the good will of the city of Chattanooga.

Speakers and presenters included: Clayton Beaty, "Fertilizers as Management Tools;" Gene Penick, "Science of Compost as Mulch;" Dr. Tina Jennings and Geri Sink, "Growing Buck Roses;" Dan Brickman, "Propagating Roses;" Ron Daniels, "The Basics of Growing Roses in Tennessee;" Cecil Ward, "Loving and Growing Roses in Tennessee;" Mark Brown, "Belmont Gardens & Horticultural Heritage;" and Connie Baird, "Adelicia Acklen, Builder of Belmont."

A vast array of beautiful roses surrounded those viewing the rose show. Queen of the Show, 'Randy Scott' and Mini Queen, 'Joy,' were exhibited by Bill and Jill Chappell. 'Shameless,' shown by Howard Carmen was Miniflora Queen. The ARS J. Horace McFarland District Award went to Dan and Barb Brickman showing 'Marlon's Day,' 'Carolina Pride,' 'Lynn Anderson,' 'Louise Estes,' and 'Hot Princess.'

Among many arrangements, following the theme of "Our Tribute to Belmont," winners included the Gold Medal award, an oriental style by Jill Chappell using St. Patrick roses, and the Mini-Gold Medal, a traditional mass design by Paula Williams with 'Joy' miniature roses.

The restored Belmont Mansion and rose garden, completed in 1853 for the summer home of Adelicia and Joseph Acklen, wealthy plantation owners, was open for tours, along with the Nashville Music Garden and two NRS member gardens: those of Millie and Dudley Dolinger and Gene Meyer. Today, the historical Mansion is the architectural focus of Belmont University, the site of a nationally televised presidential debate in 2008.

A highlight of the weekend was a dramatic presentation by Connie and Larry Baird on the Friday evening following the welcome supper. Connie portrayed the 70-year-old Adelicia Acklen "returned from the grave." Beginning her life in Nashville as Adelicia Hayes, daughter of a Presbyterian minister and contemporary of her cousin and later President, Rutherford B. Hayes, Adelicia's "apparition" described her fairy-tale-tragic life-story, beginning with her first marriage at age 22 to the middle-aged Isaac Franklin, a wealthy slave trader turned planter, with whom she had four children, none surviving childhood. After Franklin's death, an astute lawyer and businessman, Joseph Acklen, assisted her in becoming the sole possessor of Franklin's disputed vast fortune of plantations and slaves. Becoming her second husband, with his business acumen, Acklen helped triple Adelicia's holdings among three states, Tennessee, Louisiana, and Texas, making her one of the nations wealthiest women, while fathering six of her 10 children. Together, they built Belmont, the grandest, most ornate, Italianate-villa estate in the South, comprising 180 acres of formal gardens with statuary and gazebos, a bear house, zoo, deer park, bowling alley, and art gallery.

Another special Belmont tribute occurred on Saturday evening. A proposed new rose variety named 'Adelicia Acklen,' hybridized by Anne Owen, Nashville Rose Society member, was presented at the awards banquet to two direct descendents of the "Builder of Belmont." The rose is a pink, old-fashioned style, full-petaled rose, developed from a crossing Owen made in 2011, which first bloomed during early spring of this year. After this rose becomes well-established and evaluated by the hybridizer over a sufficient period of time, assuming it meets requirements, the original plant will be propagated for distribution.

Outstanding features of the two-day rose show were the bloom sales, chaired by Margaret Devine and her team of helpers, Hayes Gibson and Lila Isa. They collected, arranged, and offered to visitors and the public rose blooms that had been donated by exhibitors and gardeners, asking only for donations supporting the educational mission of the Nashville Rose Society. Their motto: "Everyone coming to the rose show should have roses to take with them."

The District Rose Show was dedicated this year to the late Monty Justice (1927–

2012), influential rose gardener and creator of Monty's Joy Juice, and member of the Louisville Rose Society. The Nashville Rose Society and Tri-State Rose Society of Chattanooga co-hosted this year's TE-NARKY event, which rotates annually among societies and cities in the district. Next year's TENARKY District Convention and Rose Show will be held in Louisville, September,

Very special thanks to the many members of the Nashville and Chattanooga Rose Societies who helped with the success of the 2012 TENARKY Convention and Rose Show. These included, from Nashville: Co-Chairs of the Convention and Rose Show, Judges, and Judges Luncheon: Sam and Nancy Jones; Connie and Larry Baird, Arrangements, Set-up, and Royal Court Tally; Margaret Devine, Hayes Gibson, and Lila Isa, Bloom Sales; Marty Reich and Denise Thorne, Clerks and Records; Lori Emery, Donations; Gary Spencer, Finance, Staging, and Properties; Ann and Charles Lott, Hospitality; Keith and Martha Garman, Membership and Welcome Desk; Dick Sittel and Tom Beath, Placement; Anne Owen, Rose Show Schedule and Program; Ron Daniels, Staging and Properties; Cindy Worch and Hayes Gibson, Trophies and Awards; Lee and Martha Jeffery, Water Monitors; and Gene Meyer and Dudley and Millie Dolinger, Rose-Garden Tours.

From the Chattanooga Tri-State Rose Society, special gratitude goes to Ted Mills, Jeff Garrett, Susan Ruxton, Richard and Carol Sharpe, Charles and Phyllis Belcher, Tina Jennings and Geri Sink, Dan and Barbara Brickman, and Clayton Beaty and the Beaty Fertilizer Company for supplying the registration packets, favors, and special gifts, and for furnishing speakers for the seminars and lectures.

Special appreciation also goes to Belmont University and to the event coordinator, Michelle Campanis, for making available to the TENARKY District the school's entire services, staff, and facilities, including parking, catering, janitors, student assistants, and media publicity. Also, the Holiday Inn Vanderbilt deserves high praise for granting a special Convention rate of almost one-half off of the usual charge for rooms for this time of year.

Tenarky Fall Conference & Rose Show Highlights



Best Miniature Spray (Mini Duchess) 'Green Ice' by Bob Jacobs



The Rose Show at Belmont University



Best Open Bloom 'Mister Lincoln' by Gene Meyer



Nashville Music Garden Challenge 'Nashville Music' by Sharon Wuorenmaa



Best One Bloom Floribunda 'Kanegem' by Keith Garman



Left photo: Miniflora Queen, 'Shameless' by Howard Carmen



Tenarky Fall Conference & Rose Show Highlights



'Randy Scott' Queen of Show Bill & Jill Chappell



Mini-Flora Queen of Show, 'Shameless' by Howard Carman and Mini-Flora Princess, 'Whirlaway' by Bill & Jill Chappell



Old Garden 1867 or later(Victorian) 'Clotilde Soupert',1890 by Martha Garman



Lester Smith District Challenge Award 'Louise Estes' by Dan & Barb Brickman



ARS Mini Bronze, Mini Princess Award 'Irresistable' by Mary Ann Hext



English Box 'Louise Estes' by Dan and Barbara Brickman



American Box 'St Patrick' by Lavonne Glover



Princess Award, Lani Webb with 'Gemini' 'Cherish' and 'New Zealand'



Mini Oriental Award 'Joy' by Ann Jacobs

Photos courtesy of Ken Wood



Artist Award 'Marilyn Wellan' by Sam Jones



Sam Jones presents the Tenarky District Oustanding Consulting Rosarian Award to Knoxville's Kathy Brennan



Senior Challenge - with Two 'Moonstone' roses by Marty Reich



ARS J. Horace McFarland District Award 'Marlon's Day', 'Carolina Pride', 'Lynn Anderson', 'Louise Estes', 'Hot Princess' by Dan and Barb Brickman



ARS Mini Silver Medal Certificate Mini Modern Award 'Soroptimist International' by Mary Ann Hext



Richard and Harriet Weidner were recognized for their loyalty and service to the District by a presentation of a "See-Rock-City" bird house, a gift from Ted Mills, representing the good will of the city of Chattanooga.



ARS Gold Medal & Oriental Award 'St. Patrick' by Jill Chappell



Mini Gold Medal, Mini Royalty 'Joy' by Paula Williams



Duke Award 'Brass 'Band' by Ann Jacobs



Jeri Sink and her daughter, Dr. Tina Jennings, from Remarkable Roses



From left to right - Bloom sales, chaired by Margaret Devine and her team of helpers, Hayes Gibson, Lynda Correll and Lila Isa (not pictured).



Rose Show Judges Ralph Cooper from Van Buren, AR; and Frank and Flora Hover from Ruston, LA



Rose Show Judges Don and Paula Adlong from Conway, Arkansas



Rose Show Judges Larry Jones and Linda Kimmel



Dinner guests were treated to a dramatic performance by NRS Members Connie and Larry Baird, a.k.a. the ghosts of Adelica Acklen and Dr. William Cheatham

Feature Speakers 2013 TENARKY Winter Workshop

Whit Wells' hybridized miniature and minifloras roses have won top Rose Show awards across the nation. His roses are sold locally and nationally, individually and in bulk, to neighbors and celebrities alike. His original and frequently unusual Roses have been featured in media venues such as the Volunteer Gardner on Nashville Public TV.

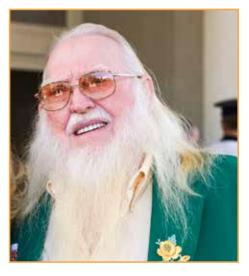
A number of his roses named in honor of Tennessee celebrities have been added to the Nashville Music Garden located across from the Country Music Hall of Fame. His roses are also exhibited at the Memphis Botanical Gardens.

Whit Wells began his hybridizing legacy, *Wells' Mid-South Roses,* 31 years ago in a small greenhouse located in his backyard. However, he grew and "designed" roses as a hobby for 25 years before the birth of his operation. He has received numerous awards and recognition for his rose creations. Whit's roses are now known worldwide for their unusual beauty, uniqueness, and distinction.

Whit is a long-time member of the American Rose Society and other rose societies nationwide. In 1972 he was President of the Memphis Rose Society and helped found the Jackson Rose Society. His first show rose, 'Elvis,' was also introduced that same year.

Wells' Mid-South Roses, has been recently acquired by For Love of Roses, LLC. In association with Richard J. Anthony, a national ARS exhibitor of 100 queens of show, Whit will continue his hybridizing, along with Anthony, and their new company will offer one-stop shopping for garden and exhibition miniature and miniflora roses. The new entities expanded operations and will include the roses hybridized by David Clemons, Robbie Tucker, Whit Wells, and nine other hybridizers including Chris Greenwood.

The new web site www.forloveofroses.com, while still being developed, is fully functional and accepting orders for immediate or delayed shipment. (Until major search engines update their files, enter the website address directly into your browser.) According to Anthony, "One can now go to the web site through their browser for quick results and one stop shopping, for all their miniature and miniflora rose requirements.



Whit Wells
"The Challenges and Enjoyment
of Roses"

Carol Shockley, Master Rosarian and popular speaker from Conway, Arkansas, will show slides and discuss new roses available from professional and amateur hybridizers. Her annually assembled program on new introductions of roses is a welcomed feature at ARS District meetings, helping members plan for the upcoming season.

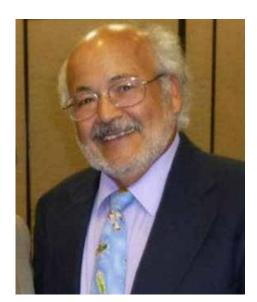
"I love gardening and tending to the roses," says Carol, who grows about 125 large roses and 225 minis and minifloras (most for exhibition). She especially enjoys the new varieties and discovering their exhibiting potential. But her other plants bring pleasure too, such as Japanese maples, succulents, perennials, hydrangeas "and my newest love.... elephant ears! I now have about a dozen varieties of elephant ears."

"Fall is football season," however, and as her son coaches a college team, when roses are settling down, Carol says, "I follow the games as avidly as I show roses." Exhibiting, however, adds essential fun to her hobby. "If I can put roses in court and sneak a few into the 'big three' every year I'm a happy rose nut."

An ARS Master Rosarian, Carol has received both the Silver Honor Medal and the Outstanding Consulting Rosarian award from the TENARKY District; and the Bronze Medal from her Central Arkansas Rose Society (CARS). She has also had the distinct honor of editing both the TENARKY KATnips and her CARS Rosemite newsletters, and she has served in various capacities, including Rose Show Chair. But not least, Carol says, "Special members of my family are my three Basset Hounds—Duke, Rex and Badly Bradley, my recently rescued hound."



Carol Shockley
"Great Rose Choices for 2013"



Baldo Villegas "Managing Rose Pests"

Baldo Villegas from California, a leading expert for ARS on rose insects and diseases, will discuss the management of beneficial and harmful insects and fungal diseases of roses. Now living in Orangevale, CA, he describes himself as "entomologist, gardener, horticulturist, and rose nut."

As an entomologist, Baldo retired in 2011 from the California Department of Food and Agriculture. His professional responsibilities included biological control of insects and weed pests, integrated pest management, and insect biosystematics. His office maintained a database with all releases made on weeds in California by the Biological Control Program and cooperating agencies.

As a "rose nut," Baldo is the holder of multiple local, district, and national outstanding awards and offices, including the national Consulting Rosarian Chair. Often called "the Bugman," Baldo is familiar with the "good guys and the bad guys" of the garden.

Kitty Belendez, Editor of the Santa Clarita Valley Rose Society Rose Ecstasy, writes of emailing Baldo in a panic about a "STRANGE MALADY" in her rose garden coating the canes, which Baldo identified as the destructive fruit tree insect, "San Jose Scale." After she treated the scourge with a systemic insecticide (Orthene), Kitty later received an email from Baldo asking for a sample so that he could see whether the scale was under control. Kitty writes that after she sent the sample, a few days later Baldo telephoned her to let her know that not only the scale appeared controlled, but his associate was "jumping with joy because he discovered under the microscope that there were 'good' parasites now attacking the scale." Kitty wrote that the "associate was so ecstatic with this 'find' that Baldo had to tell him to 'get a life."

Baldo manages a webpage for the Sacramento Rose Society, entitled "Bugs and Roses Home Page, The Buggiest Rose Website in the Internet!" (http://www.sactorose.org/rose-bug/) On the site he states, "I plan for this website to be the most complete resource for pest, diseases, weeds, and problems encountered in growing roses. If you expect to see beautiful roses here, forget it. ... Every rose illustrated in this website will have a problem." He adds: "If you don't find what you are looking for, please send me a message at sactorose@yahoo. com, and I most likely have that information tucked away somewhere in my files."

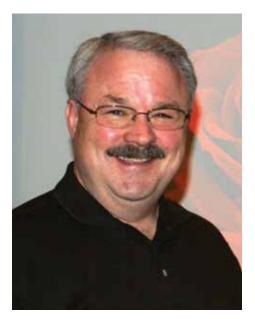


Tom Stebbins
"Sherlock Holmes in the Rose
Garden"

Tom Stebbins will speak at the Friday evening welcome supper on "Sherlock Holmes in the Rose Garden." He will offer "clues" for identifying rose pests, both insects and diseases. He will also discuss differences between beneficial and harmful insects and various methods of dealing with unwanted garden invaders and diseases.

Tom is the UT Extension Agent for Hamilton County and is a member of the TN Association of Agricultural Agents & Specialists (TAAAS). He is a 2009 winner of a Distinguished Service Award from TAAAS. He is the director of the Master Gardener Program for Hamilton County. He will also be a featured speaker at the 2013 International Master Gardener Conference.

Tom is also an adviser to both the Chattanooga Association of Landscape Professionals and the Tennessee Valley Beekeepers Association. He frequently appears on TV, talks on radio, and contributes to the Chattanooga Times-Free Press and other publications. He is an enthusiastic advocate of gardening who has dedicated his life to sharing his love of gardening with others.



Robbie Tucker
"Rose Growing that's Simple,
Fun, and Easy"

Robbie Tucker is a nationally recognized amateur hybridizer of miniflora and miniature roses, including Daddy Frank, a deep red, exhibition miniflora that was awarded the 2010 Award of Excellence. He is the owner and creator of Rosemania.com, an online source for state-of-the-art chemicals and organic products for roses.

Robbie's rose introductions include Miss Flippins, Cachet, Amy Grant, Ty, Dancing Flame and Conundrum among numerous award-winning varieties. He has won queen at national rose shows four times. Robbie is an ARS Consulting Rosarian, Horticulture Judge, and past President of the Nashville Rose Society. He and his wife Marsha live in Thompson Station, Tennessee, south of Nashville, and are the parents of a son, Ty and a daughter, Kirstin.

Robbie is a leader in creating miniflora roses. When his first "big" miniature, the white 'Cachet,' won the best seedling class at Minneapolis National Convention in 1996 and won the Miniature Queen at the next convention in Shreveport the next year, he started to produce a long string of minifloras with good exhibition form.

Robbie has set aside all his greenhouses for his breeding program for the next two years! This means he will not be producing miniature roses for resale during that time. However, www.rosemania.com will continue to offer a great selection of bare-root roses each spring.



Pat Shanley
"A Rosy Future for Gardeners and the Industry"

ARS Vice-President Pat Shanley will present the Keynote Address at the Saturday evening Awards Banquet, concerning "A Rosy Future for Gardeners and the Industry." She is the Guest Editor of the 2012 American Rose Annual (November-December 2012) and the Co-Editor and Author of the ground-breaking book, The Sustainable Rose Garden.

Pat lives and gardens in Glen Cove, NY, where she has designed a new garden of 150+ roses. She was recently elected Vice President of the American Rose Society, and she is Chairman of the ARS Marketing Committee.

Among her many American Rose Society achievements, Pat is an ARS Horticultural Judge; an Apprentice Arrangements Judge; a Master Rosarian; and the recipient of the ARS Outstanding Consulting Rosarian Award for the New York District. She has received the ARS Bronze Medal from her Manhattan Rose Society, of which she was a founding member and currently serves as president.

An avid initiator of numerous rose projects, Pat is Founding Chairman of the New York Metropolitan Rose Council and a member of the Steering committee of the Great Rosarians of the WorldTM (GROWTM) Award Lectureship and the organizer of the GROWTM-East Event. She is a member of the Heritage Rose Foundation Board of Trustees and a member of the Queens Botanical Garden Board of Trustees, serving as Coordinator of American Garden Rose SelectionsTM (a national testing program for new rose varieties).



Dr. Mark Windham

"Researching the Rose-Rosette
Scourge"

Dr. Mark Windham, Professor, University of Tennessee Knoxville (Department of entomology and Plant Pathology), will discuss his research into Rose Rosette Disease (RRD) and other projects, such as identifying disease resistant varieties and mechanisms of roses. His interests include how plant resistant mechanisms interact with environmental and water stresses.

The American Rose Society Research Endowment Trust has selected Dr. Windham to head a three-year study beginning in 2012 concerning the management of RRD. The objectives are to determine 1) how rosarians can manage RRD in their gardens, and 2) what best management practices for RRD can be developed, other than eliminating bushes with symptoms. The Trustees have identified Rose Rosette Disease as the greatest threat to the future of commercial and recreational growth and enjoyment of roses.

Dr. Windham believes that "Roses remain the 'Cadillac' of the ornamental flowering plant world, but have lost popularity due to growing public aversion to using pesticides regularly in the home garden." In conjunction with the rose industry, he has screened hybrid tea and floribunda roses for resistance to black spot and powdery mildew. His goal has been generating a list of roses that homeowners can grow successfully without reliance on chemical control tactics.

Having earned a Ph.D. from North Carolina State, Dr. Windham has responsibility for research on diseases of ornamental plants at the Tennessee Agricultural Experiment Station. His research career has involved mildew resistant dogwoods and serving as chair of the Dogwood Research Team. At UT Knoxville, he teaches classes on plant pathology, diseases and insects of ornamental plants, and plant pathogenic fungi.

TENARKY District Directors

1958 - 1961 - Harry L. Burgess

1961 - 1964 - Harry L. Burgess

1964 - 1967 - Luther S. Keeton

1967 - 1970 - Roy L. Graff

1970 - 1973 - Roy L. Graff

1973 - 1976 - Robert Whitaker

1976 - 1979 - Robert Whitaker

1977 - 1982 - Judge T. Mack Blackburn

1982 - 1985 - Judge T. Mack Blackburn

1985 - 1988 - Peggy Bingham

1988 - 1991 - Peggy Bingham

1991 - 1994 - Bill McMahon

1994 - 1997 - Ted Mills

1997 - 2000 - Donna Tarrant

2000 - 2003 - Robbie Tucker

2003 - 2006 - Kent Campbell

2006 - 2009 - Kent Campbell 2009 - 2012 - Sam Jones

TENARKY District Newsletter Editors

Rosebuds - Bowling Green Rose Society Mary Ann Hext, Editor

A Way We Grow - Cookeville Area Rose Society Nancy Layzer, Editor

Basal Breaks - Tri-State Rose Society (Chattanooga) Jeff & Cindy Garrett, Editors

> Rose Leaves - Louisville Rose Society Richard and Cheryl Hartke, Editors

The Memphis & Dixie Rose Society
Don Wear, Editor

Nashville Rose Leaf - Nashville Rose Society Jim & Starla Harding, Editors

The Tennessee Rosebud - Tennessee Rose Society Mary Bates, Editor

Katnips - TENARKY District Mary Bates, Editor

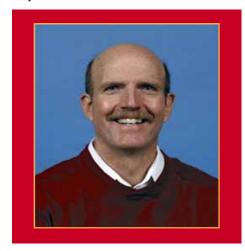
The Nashville Rose Society Hosts the 2013 TENARKY Winter Workshop February 8-10, Marriott Hotel - Cool Springs – Franklin, TN

Friday February 8th

* Welcome/Supper Fajitas (beef, chicken)

Seafood Stir-Fry

* Speaker: Tom Stebbins – TN



Saturday February 9th

* Seminar/Lectures:

Carol Shockley - AR

Mark Windham - TN

Baldo Villegas - CA

Robbie Tucker - TN

Whit Wells - TN

- * Speakers Panel
- * Rose Auction
- * Tenarky Members Meeting
- * Awards Banquet Speaker:

Pat Shanley - NY

ARS Vice President

Sunday February 10th

* CR School

- 4 Hours CR Credit

*CR Lectures - Rose Cultivation

(All Workshop Participants Welcome)

- * CR Test (Candidates must have made approved application)
- * For a complete schedule, information about the speakers, list of bare root roses for auction, etc. visit:

www.tenarky.org

Rooms: Reserve by January 25, 2013: A special Block of rooms has been reserved at the Marriott Hotel – Cool Springs, Franklin, TN, for the workshop rate of \$95 per night plus taxes (single or double occupancy). Call 615-261-6100. Reservations after Friday, January 25, 2013, are subject to availability. Mention the TENARKY District (American Rose Society).

For more information contact: Sam and Nancy Jones Phone: 615-646-4138 Email: gsamj@bellsouth.net

Directions: Marriott Hotel, 700 Cool Springs Boulevard, Franklin, Tennessee 37067 – (615) 261-6100 From North: Take I-65 SOUTH, EXIT 68-A, (Right), merge onto Cool Springs Blvd – East. Hotel is on left (approximately ½ mile from I-65). After crossing Carothers Parkway, turn left at the first left-turn lane, cross over Cool Springs Blvd–West and enter the hotel driveway.

From South: Take I-65 NORTH, Exit 68-A, (Right), merge onto Cool Springs Blvd – East. Hotel is on left (approximately ½ mile from I-65). After crossing Carothers Parkway, turn left at the first left-turn lane, cross over Cool Springs Blvd–West and enter the hotel driveway.

Tenarky Honor Medals

Gold Medal Winner

2002 - Robert Whitaker

Klima Award Winner

2010 - Ted Mills

Silver Medal Winners

1955 - W. B. Overton

1957 - Mrs. J. E. Darr 1958 - Charles P. Dawson

1959 - Lester V. Smith

1960 - Edna H. Thomas

1961 - Mrs. H. A. Morris

1962 - John Allen

1965 - Harry L. Burgess

1966 - Jack Adamo

1969 - Luther Keeton

1971 - Leron D. Isaacs

1973 - Mr. & Mrs. W. B. Overton

1984 - Robert Whitaker

1989 - Judge T. Mack Blackburn

1990 - Dorothy & William McMahon

1991 - Monty D. Justice, Jr.

1992 - Henry Whitten

1993 - Peggy Bingham

1994 - Verlie Wells, Jr.

1995 - Clyde K. Chappell

1996 - John Brevard

1997 - Virgil & Helen Almond

1999 - Carol Shockley

2000 - Ted Mills

2001 - Jimmy & Evelyn Moser

2002 - Anne Owen

2003 - Glenda Whitaker

2004 - John & Kay Rodgers

2004 - Donna Tarrant

2005 - Noah H. Wilson, Jr.

2006 - Jeff and Cindy Garrett

2007 - George Poe

2007 - Mary Jane and Peggy Utz

2008 - Roy Guthrie

2008 - Martin Skinner

2009 - Joe & Rhonda Spruiel

2010 - Robbie Tucker

2011 - Kent & Claire Campbell 2012 - Clayton Beaty

2013 Events and Show Schedules

February 8-10

Tenarky Winter Workshop

Marriott Hotel - Cool Springs 700 Cool Springs Boulevard Franklin, Tennessee 37067 (615) 261-6100 Contact: Sam and Nancy Jones -

(615) 646-4138 gsamj@bellsouth or

nancypj@bellsouth.net

May 18 Bowling Green Rose Society Rose Show

American Legion Hall Bob Jacobs, Kathy Dodson, Mary Ann Hext - Co-Chairs

Contact: k.dodson@insightbb.com www.bowlinggreenrosesociety.org

October 5

The Memphis & Dixie Rose Society Rose Show Dixon Gardens Brad Dantone, Chair -Contact: Brad_Dantone@cargill.com

October 12-13

Nashville Rose Society Rose Show Cheekwood Botanical Garden and

Museum of Art

Contact: Sam and Nancy Jones -(615) 646-4138 gsamj@bellsouth or nancypj@bellsouth.net



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or visit www.ars.org

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AVAILABLE!

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- Free online access to five quarterly bulletins, a \$45 value.
- 2 issues of American Rose magazine, \$16 value.
- Discounts of up to 30% at merchant partners.

2009 - 2012 District Officers

District Director

Dr. Sam Jones Nashville, TN (615) 646-4138 gsamj@bellsouth.net

Secretary

Kathy Dodson Rockfield, KY (270) 842-3475 k.dodson@insightbb.com

Treasurer

Sharon Wuorenmaa, President Louisville, KY 502-245-9363 Wuorenmaa@bellsouth.net

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Consulting Rosarians

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Ooltewah, TN
(423) 344-1515
djbrickman@comcast.net

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Official Photographer

Barbara Brickman Ooltewah, TN (423) 344-1515 djbrickman@comcast.net

Website

Mary Ann Hext Rockfield, KY (270) 781-8171 mhext@insightbb.com

Horticulture Judges

Joe & Rhonda Spruiell Knoxville, TN 37922 (865) 693-3200 spruiell@utk.edu or spruiell@comcast.net

Nominations/Awards

Charles Lott Hendersonville, TN (615) 824-5614 crlott@bellsouth.net

Roses in Review

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KATnips is the semi-annual newsletter of the TENARKY District of the American Rose Society. TENARKY encompasses members of the American Rose Society residing in the states of Tennessee, Eastern Arkansas and Kentucky. The newsletter is provided free in electronic format. The opinions expressed here are those of the author(s) and/or editor and do not necessarily represent those of the American Rose Society or the officers of the TENARKY District.

While the advice and information in this newsletter is believed to be true and accurate at the time of publication, neither the authors nor editor can accept any legal responsibility for any errors or omissions that may have been made. The TENARKY District makes no warranty, expressed or implied, with respect to the material contained within

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> Nashville Rose Society Tom Beath, President Pegram, TN 615-481-3589

Tennessee Rose Society Carolyn Noey, President Knoxville, TN 865-693-5250

Tri-State Rose Society of Chattanooga Sue Ruxton, President Ooletwah, TN 423-322-1122

Links between Certain Fungicides and Parkinson Disease

By Paul Vincelli, Kenny Seebold, Don Hershman, and Nicole Ward, Extension Plant Pathologists

Several years ago, we reported on a study raising concerns about chronic exposure to certain pesticides and Parkinson disease1. Parkinson disease is a progressive neurological disease that causes tremors, impaired balance, and other symptoms. Previous research has raised concerns about the fungicide maneb and the herbicide paraquat. Maneb is the active ingredient in products such as Maneb® and Manex®. Paraquat is found in a variety of herbicidal products, including Gramoxone®.

A new study raises concerns about another fungicide widely used in the past: benomyl. Benomyl was the active ingredient in Benlate®, previously labeled for use on many horticultural crops, including fruits, vegetables, turfgrasses, and ornamentals. Benomyl was present in several commercial products, and EPA registrations for those products were cancelled during the period 2001-2002.

Key Findings

This new study2 presents two lines of evidence for concern about exposure to benomyl and Parkinson disease.

- 1. Epidemiological evidence. The study compared Parkinson incidence among people with no, low, or high occupational exposure to treated fields. Those in the "low" category had no increased risk of disease, but the "high exposure" group had a 67% higher risk of the disease. In this study, residential exposure to benomyl did not present an increased risk of Parkinson disease; only high occupational exposure did.
- 2. Biochemical evidence. Laboratory studies were conducted, as well. Like all complex organic molecules, benomyl natural breaks down in living cells into other chemicals, (called metabolites). In this new paper, the authors reported that certain metabolites of benomyl interfered with an important human enzyme abbreviated ALDH. Disruption

of ALDH activity in nerve cells may be involved in the development of Parkinson disease.

Significance

Although over a decade has passed since the cancellation of benomyl uses in the USA, this new study raises a cautionary note about pesticide use. It serves as a reminder to:

- Minimize worker exposure when using pesticides. Use appropriate protective clothing, wash/shower after applying pesticides, and employ all the other safety practices recommended during pesticide applicator training.
- Minimize pesticide use where possible, by using all appropriate means to manage pests, diseases, and weeds (the IPM philosophy).

There is one aspect about this new research that we are grateful for: There is no indication (at least so far) that fungicides related to benomyl pose a similar risk. In particular, thiophanate-methyl is a widely used fungicide for disease control on many crops. It has been sold in Kentucky under trade names such as Cleary's 3336, Incognito, T-Methyl, Topsin-M, and Transom. Thiophanate-methyl is in the same fungicide family as benomyl, and upon degradation, some of the same metabolites are produced as by benomyl.

However, none of the metabolites produced by thiophanate-methyl3 were reported to pose a risk in the new study. So there is no reason at this time to "wave a red flag" over the use of thiophanate-methyl. However, keep in mind that further study may raise concerns over thiophanate-methyl. While we appreciate the role that pesticides play in sustainable intensification of agricultural productivity, our advice is to be careful with the use of all pesticides, so that we have no reason to look back with regret.

Sources of Information

1 Vincelli, 2009. Link between Certain Pesticides and Parkinson's Disease. Kentucky Pest News, http://www.uky.edu/Ag/kpn/kpn 09/pn 090602.html#PNV.

- 2 Fitzmaurice et al, 2012. Aldehyde dehydrogenase inhibition as a pathogenic mechanism in Parkinson disease. PNAS, www.pnas.org/cgi/doi/10.1073/pnas.1220399110.
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KATnips New Look

After reading through twenty pages you may have noticed something looks a little different.

Yes, KATnips received a makeover for 2013, but this makeover is more than your typical Hollywood nip and tuck facelift. There is actually some substance that goes with this operation. The colors used in the newsletter were chosen to represent the three states that make up the TENARKY District. Razorback Red, Wildcat Blue and Volunteer Orange. We hope you enjoy the new look.

