



Buds & Blooms

Jacksonville Rose Society
An ARS Affiliate

May 2009

No-Spray Roses for the Southeastern US

summarized by Wayne Myers from materials provided by Mark Windham, PhD, University of Tennessee

Mark Windham, a Professor of Ornamental Plant Diseases at the University of Tennessee, is directing a research project into disease resistance in roses. His goal is to find varieties that thrive without fungicide spray in the hot, humid conditions of the Southeast US. So far he has verified that only seven varieties can be honestly designated as no-spray roses in our climate.

Because there are thousands of varieties in commerce, he started his testing with popular varieties whose marketers have specifically claimed exceptional disease resistance to leaf-spot diseases. Since the project began in the spring of 2006, he has tested over 150 varieties at his three research stations in Jackson, TN, Center-Crossville, TN, and Poplarville, MS. The following explains Dr. Windham's research in greater detail: http://www.sna.org/content/Pathology%20and%20Nematology%20Section%202008%20SNA%20Proceedings_1.pdf.

His threshold for assigning varieties with "superior" disease resistance to the "No Spray" list was that by late summer, with NO fungicide applications, less than 2% of the variety's foliage could be infected with either black spot or Cercospora leaf spot, the two most prevalent foliage diseases that attack roses in the Southeast. The research also is developing two other lists of roses for gardeners who don't want to use fungicides. The roses on his "moderately resistant" list show up to 10% diseased foliage by late summer. These would need limited spraying. His third list of disease "tolerant" roses includes varieties that are susceptible to disease, but that may defoliate—although the plants stay strong enough to continue blooming.

His no-spray varieties are the shrubs *Golden Eye*, *Hansa*, *Knock Out*, *My Girl*, *Pink Knock Out*, and *Wildberry Breeze* as well as the climber *White Dawn*. The moderately resistant varieties are the shrubs *Carefree Sunshine*, *Fiesta*, *Home-run*, *My Hero*, *Palmengarten Frankfurt*, *Super Hero*, *Wild Spice*, and *Wild Thing*. The tolerant list includes the Grandiflora *About Face* and the shrubs *Belinda's Dream*, *Bonica*, *Carefree Delight*, *Crystal Fairy*, *Fairy Queen*, *Lovely Fairy*, and *Snowcone*.

A discouraging finding of his research is that the presence of these tolerant varieties, if grown unsprayed among less tolerant plants, will tend to increase the amount and severity of the disease infections in the more susceptible plants.

It will probably surprise many people that some of the varieties that have earned Texas A&M's Earth Kind™ designation were only disease "tolerant" or worse in Dr. Windham's research. A good example from Wayne Myers' garden would be *The Fairy*. Even when regularly sprayed it is terribly disfigured by *Cercospora*

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Membership dues are due in April. If you have not renewed, you will be dropped from the Buds & Blooms distribution list after this issue.

"It is better to fail in originality than to succeed in imitation."

- Herman Melville

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**No-Spray** continued from page 1

leaf spot by the end of the summer.

There is continuing discussion as to whether black spot fungi mutate to attack the more resistant cultivars, or whether there are uncommon strains of the leaf spot diseases that will eventually find and affect even the most resistant varieties, especially the widely popular *Knock Out*. He has requested that we send him sam-

ples of any *Knock Out* leaves that appear to have black spot. Place the leaves in a paper envelope (NOT a plastic bag) and bring them to him at our May meeting, or mail them to him at the Institute of Agriculture, University of Tennessee, Knoxville, Tennessee.

This research continues with more varieties having been planted this spring. We eagerly await the results.

Roses that did not live up to resistance claims*

<i>About Face</i>	<i>Eureka</i>	<i>Lovers Lane</i>	<i>Sentimental</i>
<i>All the Rage</i>	<i>Fairy Queen</i>	<i>Macy's Pride</i>	<i>Sea Foam</i>
<i>Apéritif</i>	<i>Firecracker</i>	<i>Magic Blanket</i>	<i>Sexy Rexy</i>
<i>Archduke Charles</i>	<i>First Prize</i>	<i>Magic Carrousel</i>	<i>Sheer Magic</i>
<i>Artistry</i>	<i>Fourth of July</i>	<i>Medallion</i>	<i>Showbiz</i>
<i>Baby Blanket</i>	<i>Fragrant Lavender Simplicity</i>	<i>Melody Parfumée</i>	<i>Showtime</i>
<i>Baby Boomer</i>	<i>Funny Face</i>	<i>Memorial Day</i>	<i>Simplicity</i>
<i>Baby Love</i>	<i>Gemini</i>	<i>Midas Touch</i>	<i>Snowcone</i>
<i>Ballerina</i>	<i>Geoff Hamilton</i>	<i>Miss Behavin'</i>	<i>Snowdrift</i>
<i>Be-Bop</i>	<i>Gertrude Jekyll</i>	<i>Moondance</i>	<i>Social Climber</i>
<i>Belinda's Dream</i>	<i>Gingersnap</i>	<i>Mystic Fairy</i>	<i>Space Odyssey</i>
<i>Beloved</i>	<i>Gold Medal</i>	<i>Nearly Wild</i>	<i>Spellbound</i>
<i>Bill Warriner</i>	<i>Golden Zest</i>	<i>Olympiad</i>	<i>Stairway to Heaven</i>
<i>Blaze of Glory</i>	<i>Good 'n' Plenty</i>	<i>Oregold</i>	<i>Starina</i>
<i>Blossom Blanket</i>	<i>Grand Prize</i>	<i>Our Lady of Guadalupe</i>	<i>Strike it Rich</i>
<i>Blushing Pink Knockout</i>	<i>Grandma's Blessing</i>	<i>Party Lights</i>	<i>Sultry</i>
<i>Bonica</i>	<i>Great Wall</i>	<i>Pascali</i>	<i>Sun Flare</i>
<i>Bride's Dream</i>	<i>Greetings</i>	<i>Pat Austin</i>	<i>Sunbright</i>
<i>Brigadoon</i>	<i>Gypsy Dancer</i>	<i>Perfect Moment</i>	<i>Sunrise Sunset</i>
<i>Brilliant Pink Iceberg</i>	<i>Happy Chappy</i>	<i>Petal Pushers</i>	<i>Sunsprite</i>
<i>Caldwell Pink</i>	<i>Heaven on Earth</i>	<i>Pink Gnome</i>	<i>Sweet Fragrance</i>
<i>Carefree Delight</i>	<i>Henry Fonda</i>	<i>Pink Knock Out</i>	<i>Tahitian Moon</i>
<i>Carefree Wonder</i>	<i>High Society</i>	<i>Pink Pearls</i>	<i>Tahitian Sunset</i>
<i>Cecile Brunner Cl.</i>	<i>Honey Perfume</i>	<i>Plum Frost</i>	<i>Teasing Georgia</i>
<i>Centennial</i>	<i>Honor</i>	<i>Pretty Lady</i>	<i>The Fairy</i>
<i>Champlain</i>	<i>Hot Cocoa</i>	<i>Pristine</i>	<i>Topaz Jewel</i>
<i>Cherries 'n' Cream</i>	<i>Hot Tamale</i>	<i>Pure Perfume</i>	<i>Tournament of Roses</i>
<i>Cherry Parfait</i>	<i>Iceberg</i>	<i>Purple Simplicity</i>	<i>Tropical Twist</i>
<i>Christopher Marlowe</i>	<i>Island Dancer</i>	<i>Purple Tiger</i>	<i>Trumpeter</i>
<i>Crackling Fire</i>	<i>John Cabot</i>	<i>Rainbow's End</i>	<i>Tuscan Sun</i>
<i>Crimson Bouquet</i>	<i>John Franklin</i>	<i>Raspberry Punch</i>	<i>Voluptuous!</i>
<i>Crown Princess Margareta</i>	<i>Julia Child</i>	<i>Red Ribbons</i>	<i>Voodoo</i>
<i>Crystal Fairy</i>	<i>Kiss Me</i>	<i>Rio Samba</i>	<i>Watermelon Ice</i>
<i>Day Breaker</i>	<i>Lady Elsie May</i>	<i>Roseberry Blanket</i>	<i>Winsome</i>
<i>DayDream</i>	<i>Lemon Zest</i>	<i>Ruby Meidiland</i>	<i>Yellow Brick Road</i>
<i>Disneyland Rose</i>	<i>Linda Campbell</i>	<i>Ruffled Cloud</i>	<i>Yellow Ribbons</i>
<i>Double Knock Out</i>	<i>Little Mischief</i>	<i>Salsa</i>	<i>Yellow Submarine</i>
<i>Dream Weaver</i>	<i>Love</i>	<i>Santa Clause</i>	<i>Zéphirine Drouhin</i>
<i>Electric Blanket</i>	<i>Lovely Fairy</i>	<i>Scent from Above</i>	

*These roses were selected because of resistance claims by rose company representatives or catalogs.



It Happened Last Month - Minutes of Regular Meeting

Jacksonville Rose Society

President **Sandy Dixon** called the April 7, 2009, meeting to order at 7:15 p.m. New members and guests were introduced.

Regina Manning moved that the minutes from the March meeting, as printed in the *Buds & Blooms*, be approved. **Dottie Oberdorfer** seconded; the motion passed.

The Discount Program brochure is getting ready to go to press. If you have any businesses you want included, please contact **Sandy**. Membership cards and discount brochures will be available at the next general meeting. **Sandy** extended a special thanks to **Mabel Keller** for mailing out the membership letters. Dues are past due May 1, 2009. **GiGi Pelletier**, **Wayne** and **Lyndy Myers** provided rose-growing advice at Holly's Nursery to help out new rose growers. Earth-Kind™ brochures and Blackspot and Beetle Festival registration forms were available. Show schedules were ready, thanks to **Shirley Teerlink**.

First Vice-President **Mabel Keller** reported that so far 71 members have renewed their memberships.

Second Vice-President **Karrie Masee** reported that Dr. Mark Windham from the University of Tennessee will be our May speaker. He will be reporting on his research into disease resistance in roses.

Treasurer **Chuck Thompson** reported that we are in good financial shape.

Secretary **Lyndy Myers** had no report.

Rose Show Co-Chairperson **Bill Baldwin** reported that everything will be ready for the show. Everything is looking great. **Chris Keller** needs a few more people to clerk.

Nominating Committee Chairperson **Robin Rogers** announced that the committee would like to nominate **Bill Baldwin** as President, **Shirley Teerlink** for 1st Vice President, **Bill Franklin** for Director, **Julie Guillebeau**, for Director, and **Pat Wainer** for Director. President **Sandy** asked for nominations from the floor; there were none. **Karrie Masee** moved that the nominations be accepted as read. **Wayne Myers** seconded; motion passed.

JoAann McCann-Whitehead moved that the nominated slate be elected; **Dottie Oberdorfer** seconded; motion passed.

The next board meeting will be April 21 at the Garden Club. All committee chairpersons are encouraged to attend.

Be sure to order your roses from Cool Roses directly for delivery at the Rose Show April 11, 2009.

Ray Guillebeau gave the monthly instruction—water, spray, and mist for thrips if you want.

Mabel Keller, **Ray Guillebeau**, **Sandy Dixon**, and **Wayne Myers** gave a very informative dialogue on how to show your roses. There were lots of questions, so we hope to see many new exhibitors at our show.

Julie and **Joseph Guillebeau** conducted the raffle. Thank you for your generous donations. Remember that the raffle helps to pay the rent for our meeting.

Thanks to **Robin Rogers** and those donating the refreshments. They were delicious.

The meeting adjourned at 8:50 p.m.

Respectfully submitted,

Lyndy Myers, Secretary

Jacksonville Rose Society 2008-2009

Officers

President	Sandy Dixon
1st Vice President	Mabel Keller
2nd Vice President	Karrie Masee
Treasurer	Chuck Thompson
Secretary	Lyndy Myers
Past President	Wayne & Lyndy Myers

Directors

Ray Guillebeau
Alice Lee
Robin Rogers
Dolly Thompson
Kevin Washington

Consulting Rosarians

Beaches	Janet Danford	285-1399
	Bill & Peggy Tevepaugh	241-9571
Southside	Alice Lee	880-4508
Westside	Sandy Dixon	778-2887
	Bill Franklin	781-9115
	Ray Guillebeau	777-1266
Middleburg	Mabel Keller	282-4877
Orange Park	Wayne & Lyndy Myers	272-7885



2009 Jacksonville Rose Society Rose Show

Floriculture

<u>Class</u>	<u>Variety</u>	<u>Winner</u>
Matched Pair HTs	<i>Kardinal</i>	Chris & Mabel Keller
Matched Pair Minis	No Entry	
5 HTs	No Entry	
Hi-Lo	No Entry	
Earth-Kind™	<i>Carefree Beauty</i>	Janet Danford
Single-type HT	<i>Dainty Bess</i>	Jack Richardson
Fully Open HT	<i>Friendship</i>	Debbie Coolidge
Cycle of Bloom	<i>About Face</i>	William & Sue Baldwin
English Box	<i>First Prize, Cajun Moon, Double Delight, Gemini, Diana, Princess of Wales</i>	William & Sue Baldwin
Bowl	<i>Stainless Steel</i>	Jack Richardson
3 HTs	No Entry	
Rose 'n' Frame	<i>Magic Lantern</i>	Chris & Mabel Keller
Floribunda	<i>Hannah Gordon</i>	Ray Guillebeau
Floribunda Spray	<i>Excellenz von Schubert</i>	Ray Guillebeau
Painter's Palette	No Entry	
Climber	<i>Pureeza</i>	Jeff Hoffman
Dowager Queen	<i>Celine Forestier</i>	Bill & Peggy Tevepaugh
Victorian (OGR)	<i>Marie von Houtte</i>	Gigi Pelletier
OGR Collection	<i>Mme Alfred Carriere, Belle Story, Pat Austin</i>	Wayne & Lyndy Myers
Roses on Water	No Entry	
Classic Shrub	No Entry	
Modern Shrub	<i>Yellow Knock Out</i>	Bill & Peggy Tevepaugh
Novice HT	No Winner	
Judges	<i>Grace Seward</i>	Dr. Stuart C. Smith
Multiple Blooms	No Entry	
Single-type	No Entry	
Fully Open	<i>Memphis King</i>	Chris & Mabel Keller
English Box	<i>Sweet Melody, Pierrien, Starina, Bees Knees, Fancy Pants</i>	Bill & Peggy Tevepaugh
Rose 'n Frame	<i>Cachet</i>	Chris & Mabel Keller
Bowl	<i>Solar Flair</i>	Jim & Kay Harrell
Painter's Palette	No Entry	
Cycle of Bloom	<i>Edisto</i>	Debbie Coolidge
3 Mini/MinFl	No Entry	



Hot Princess



Fairhope



Louisville Lady



Show Prep



Prize Table



Horticulture Royalty

<u>Class</u>	<u>Variety</u>	<u>Winner</u>
Queen HT/Gr	<i>Hot Princess</i>	Jack Richardson
King HT/Gr	<i>Signature</i>	Bill Franklin
Princess HT/Gr	<i>Stainless Steel</i>	Jack Richardson
Prince HT/Gr	<i>Gold Medal</i>	Jack Richardson
Queen Mini	<i>Fairhope</i>	Ray Guillebeau
King Mini	<i>Doris Morgan</i>	Ray Guillebeau
Princess Mini	<i>Joy</i>	Ray Guillebeau
Prince Mini	<i>Carolina Lady</i>	Ray Guillebeau
Queen MinFl	<i>Louisville Lady</i>	Ray Guillebeau
King MinFl	<i>Regina Lee</i>	Ray Guillebeau
Princess MinFl	<i>Dr. John Dickman</i>	Ray Guillebeau
Prince MinFl	<i>Shameless</i>	Jim & Kay Harrell



Rose Show Co-Chairs, Sue & William Baldwin
(Co-Chair Gigi Pelletier not pictured)

Arrangements

<u>Title and Style</u>	<u>Winner</u>	<u>Awards</u>	<u>Roses Used</u>
Key Largo	Lee Hale	Best Judges' Entry	<i>Hopie Girl</i>
Jacksonville & Mayport	Sandy Dixon	1 st & Royalty	<i>Mister Lincoln & Vincent Godsiff</i>
Space Coast	Jeff Hoffman	1 st & Artist's	<i>Rio Samba & Gold Medal</i>
Miami	Joanne Maxheimer	1 st , Oriental	<i>Hopie Girl</i>
St. Augustine	NO ENTRY		
Tampa-St. Petersburg	Joanne Maxheimer	1 st Place	<i>Strike it Rich</i>
Sanibel Island	No First Place Winner	Mini-Royalty	
Sarasota	Debbie Coolidge	1 st Place	<i>Edisto</i>
Key West	Joanne Maxheimer	1 st Place	<i>Doris Morgan</i>



English Box of HTs



ARS Royalty Award



ARS Oriental Award

**Presidential Thoughts** by *Sandy Dixon*

This issue of the *Buds & Blooms* may be your last if you have not renewed your membership by sending a \$24 check payable to the Jacksonville Rose Society to Mabel Keller, 3480 Trail Ridge Road, Middleburg, FL 32068-3340, our membership chair. We would miss you if you left us and you would miss us, too. Perhaps realizing that the discount program may actually save you that amount or more will ease your mind. Members will be able to pick up their discount brochures and membership cards at the May 5 general meeting.

Our new and continuing officers and directors will be installed at this meeting. The new officers are: **Bill Baldwin**, President, and **Shirley Teerlink**, 1st Vice President. New directors are **Julie Guillebeau**, **Bill Franklin**, and **Pat Wainer**. Continuing are **Karrie Massee** as 2nd Vice President, **Chuck Thompson** as Treasurer, **Lyndy Myers** as Secretary, and Directors **Robin Rogers** and **Dolly Thompson**. Please assist the Executive Board by funneling ideas for new projects to the directors who act as the steering committee of the organization. The officers have much to do to execute their duties as outlined in our by-laws. If you are able to provide some service on a particular project or event, please make it known to the president. **Bill** will be calling members to ask for help in chairing various standing and ad hoc committees. Please say, "Yes, I'd be delighted to do that!" Every task is a learning experience, and I can say I've learned a lot from the many tasks and positions I've held in this society. I am closer to people in this group than to some members of my own family. You can pick your friends!

The Rose Show was a great success in spite of lingering cool temperatures and scarcity of blooms. We had more people come to view the show due to the Arts Market under the bridge. Our expenses were actually less than our income for the show. Congratulations to our show chairs, **Bill** and **Sue Baldwin**. Also, congratulations to all the exhibitors, whether you won or not. You made the show. If you entered a rose, please come to be recognized at this meeting. I would personally like to thank the person who brought a fully open Mister Lincoln that I used in my arrangement. I didn't have a large rose like that in my garden that week. It was appreciated more by the public in that arrangement than if it had been purchased by someone or left in the garden. I also thank all those who worked at the show, if only a little while. Many hands make light work. Even **Joanne Maxheimer**, a JRS member who lives in

Thomasville, came to help set up on Friday and exhibited on Saturday. That's dedication to the cause. Special thanks to **Karrie Massee** for housing our rose show properties at her house now. We appreciate the **Keller's** for providing us space at their house for so long.

I would like to thank all the people who have helped to make my two-year term as your president pleasant and rewarding. I am proud of the work we did over the last two years. We have met the burden of our charter by planting roses in a public garden (Confederate Park), providing speakers to many organizations and events to encourage the planting of roses, providing our members with discounts on rose products and plants, faithfully providing meaningful programs and publications on roses and their care, maintaining our affiliate membership in ARS and exceeding that by supporting ARS as a Patron Society for the continued health and vigor of our American Rose Society. Some of our members serve the society and ARS as Consulting Rosarians and/or Accredited Judges which exceeds the usual service of a society member. The shortcomings of my tenure, which can be addressed by the new board, are to host a member rose garden walk (hopefully by autumn) or field trip, host a Consulting Rosarian School for the convenience of our members and neighboring rose societies, and expand support of the Garden Club of Jacksonville by the planting of roses on their property and/or supplying a grant for such mutually agreed improvements as may benefit our members. May **Bill** enjoy the support and encouragement he needs. I will continue to provide leadership in the advisory role of Immediate Past President. I am and will be your friend in roses.

Give someone a rose...Thank You!

Sandy

The Deep South District Bulletin costs \$15 per year and is printed 4 times a year (\$40 for 3 yrs). You can save with an email subscription (\$10 for 1 yr; \$25 for 3 yrs). Send your name, address with 9-digit ZIP Code, and phone number to:

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 121 Shore Rush Circle
 St. Simons Island, GA 31522-1420
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May in the Rose Garden *by Wayne Myers, Consulting Rosarian*

I am embarrassed at my wishful—and grossly wrong—speculation that our cold weather might actually have smacked down the Western Flower Thrips that plague our roses. Much to my dismay, four days after the lack of thrips on my *Cherokee Rose* had stimulated the fantasies of a thrip-less Spring that I discussed last month, I discovered the usual hordes of thrips scurrying about those same blossoms that had so recently been clean. In fact, the thrip damage on my ‘Mister Lincoln’ (a deep red rose) makes me suspect that this year may be worse than most. Enjoy your roses from a distance, or pump up the sprayer, and nuke the little devils. They enter the buds as soon as the splitting of the protective sepals allows their intrusion. They rasp the flesh of the developing petals with their beaks. The “bleeding” sap is their food; the distorted growth and brown petal edges we see after the bloom opens are the “scars” left by their feeding.

As the weather warms, our current thrip plague will recede, but be vigilant for chilli thrips that will surely return with hot weather. Our rose chores this month become more difficult as temperatures warm and our plants grow faster and working in the garden is more physiologically stressful. Wear a hat and sunscreen.

The first big bloom flush will have finished. The ways we remove these blooms determine the sizes, shapes, and re-bloom in our gardens. If you want a bigger plant, remove just the spent blooms, snapping off as little as possible of the stems and foliage. If the plant has outgrown its location, don’t be afraid to cut the

stem back to at least the first 5-leaflet leaf. Most of May will be cool enough that die-back shouldn’t be a problem if we assess that we pruned too lightly in February. For maximum growth and more flowers, keep deadheading, spraying, and feeding.

If you find caterpillars or aphids on the rapidly growing, lush, new growth, kill them with your fingers, or try washing them off with water. If your infestation is bad enough to spray, use a pesticide rated for food crops that doesn’t kill beneficial insects such as lady bugs and lacewings.

Water will become a critical problem in May. The new conservation restrictions mandated this year by the St. John’s Water Management District (www.sjrwmd.com/wateringrestrictions) will leave us a four-day break between legal watering. Keeping our rose beds well-mulched is now essential. Rain sensors are mandatory and must work properly. Hand watering as well as micro or drip systems are exempted. We must adapt our cultural practices to conserve water.

Like me, you may be feeling frustration and resentment that your months of hard work in your rose garden fruited a week or more too late for our annual rose show. Channel those negative feelings into the extra effort it takes to share the blessing of your beautiful blossoms with a shut-in, classroom of school children, your Sunday School class, your co-workers, or neighborhood retailer.

Wayne

Schedule of Events



- May 5—**JACKSONVILLE ROSE SOCIETY MEETING**, 7:00 p.m., Garden Center.
- May 19—**JACKSONVILLE ROSE SOCIETY BOARD MTG**, 7:00 p.m., Garden Center.
- June 2—**JACKSONVILLE ROSE SOCIETY MEETING**, 7:00 p.m., Garden Center.
- August 7 & 8—**BLACKSPOT & BEETLE FESTIVAL IV**, Bagby State Park, Fort Gaines, GA. Contact Geoff and Debbie Coolidge 561-684-2421, geoffcoolidge@bellsouth.net, or Dan Mills and John Tucker at 352-591-2145, tuckermills@netscape.com.

Jacksonville Rose Society

Membership

Single or Family..... \$24

Life member \$200

Make checks payable to the Jacksonville Rose Society and send to:

Mabel Keller, Membership Chairman
3480 Trail Ridge Road
Middleburg, FL 32068

Meetings

Meetings are held at 7:00 p.m. on the first Tuesday of each month except for January and July. We meet at the Garden Club of Jacksonville, 1005 Riverside Avenue.

If you did not receive your newsletter, copies will be available at the meeting.



Jacksonville Rose Society
An ARS Affiliate

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ORANGE PARK FL 32073-4232

Disclaimer

The JRS makes no warranty, expressed or implied, with respect to the material contained herein. The advice and information in this newsletter is believed to be accurate and true. The editors and JRS cannot accept any legal responsibility for any errors.

Entries for this newsletter may be sent to:
"Buds & Blooms"

626 Dunrobin Dr

Orange Park FL 32073-4232

or emailed to rosefan@bellsouth.net

Deadline for submissions is the 10th of the month

NEXT MEETING

DATE: May 5, 2009
PLACE: Garden Club
TIME: 7:00 p.m.
PROGRAM: Dr. Mark Windham
will discuss his no-
spray rose research

Mark Windham, PhD - May's Featured Speaker

Mark Windham is a professor and distinguished chair of ornamental pathology at the University of Tennessee. He has been actively researching diseases of landscape and nursery crops for more than 25 years. He has released six dogwood cultivars and holds six patents. He has authored more than 150 publications and co-edited a text book for introductory plant pathology. Mark is a past president of the Holston Rose Society and has been growing roses for more than 20 years. He also teaches several classes including Introductory Plant Pathology, Diseases and Insects of Ornamental Crops, Forest Pathology, Fungal Epidemiology and Disease Control, and a freshman seminar series on SEC football (his favorite class).

One of Mark's current research projects involves foliar diseases of roses. The project includes gen-

erating a list of commercially available roses that resist black spot and cercospora leafspot throughout the southeast, determine the mechanisms some roses use to resist disease, and to evaluate the genetic potential of rose pathogens to vary in pathogenicity and virulence across the southeast.

Mark is a graduate of Mississippi State University (BS, MS) and North Carolina State University (PhD). He was a visiting assistant professor at Colorado State University for two years before coming to Tennessee.

Mark is a native of Mississippi. He and his wife, Karen, have three children. For hobbies, Mark likes to hike, ride boogie boards at the beach, fish, and grow roses.