



THE NOVUS NEWSLETTER  
OF THE  
THE TIDEWATER ROSE SOCIETY  
FEBRUARY 2011



**Tidewater Rose Society  
2010 Officers**

President  
Michael Price

First Vice President  
Elizabeth Mangino

Second Vice President  
Donald Snipes

Treasurer  
Eveline Price

Recording Secretary  
Cathy Daley

Corresponding Secretary  
Sunni Burns

Executive Board  
\*Continuing for 2<sup>nd</sup> year  
Hathaway Anderson\*  
Hugh Cox\*  
Edgardo Eugenio  
Bunny Fenn\*  
Bo Saks\*  
Nancy Sutcliffe\*  
Margie Tully  
Patricia Wilson\*

Immediate Past President  
Peggy Scott

## PRUNING YOUR ROSES FOR A COLORFUL SPRING

The first meeting of the Tidewater Rose Society's Seventy-sixth year will be held at the Norfolk Botanical Garden, Sunday at 1:30 p.m., February 20, 2011, in the Holly Room of Baker Hall. Due to a previous commitment, Howard will not be able to give his running lecture and demonstration, so this year's pruning demonstration will be a bit different. We will be showing a 30 minute pruning demonstration video with David Stone, Head Gardener and Rosarian for Mottisfont Abby, England. The video was taken a few years back during his visit to Ashdown Roses. David will take you step by step pruning of shrub roses (such as the David Austin roses at Norfolk Botanical Garden). The pruning method David demonstrates can be easily adapted to any class of rose. When the video is over, we will move to the Rose Garden (weather permitted) where you will be able to do hands on pruning guided by our TRS Consulting Rosarians and experienced TRS members. So make sure you bring your pruning shears and gloves and dress warm.

Let's go pruning,  
Liz

**COUNTRY STORE NEWS:** The country store will have Felco pruners and gloves and other items for sale. If you want to order bare-root roses I will need you to give me the order by phone no later than **Friday, 18 February**. I will be taking orders for Mills Magic, Easy Feed, Easy Feed Liquid, BloomKote and Fish emulsion. There will be no door prizes during this meeting. See you at the meeting.

George

### From the President's Desk

I would like to thank all the members that attended the January banquet. It was a pleasant way to start the New Year. I would like to thank Banquet Chairwoman Nancy Sutcliffe for another outstanding banquet luncheon. A special thank you to Marti Youmans, for the installation of our officers and board members for the 2011 year. (Marti is not only a member of the Tidewater Rose Society but is also the President of the Virginia Peninsula Rose Society. If you would like to attend one of their meetings please contact me for more information). And thanks to Eve Price for the table arrangements.

This past year Liz Mangino (1<sup>st</sup> Vice President and Program Chairwoman) did an exceptional job in obtaining and presenting power point presentations that were of great interest to everyone and this year will be just as informative than last year. Liz has obtained a power point presentation concerning pruning that should be of interest to all rose growers.

**MEMBERSHIP DUES:** Yearly membership dues for our society are now due. Membership is \$15.00 a year, 1 January through 31 December. Please make remittance to: Tidewater Rose Society and mail to Eveline Price, 1972 Edgewood Ave., Norfolk, Va. 23503.

See you at the pruning session,

Mike

## Colonial District Pre-Spring Meeting

The Colonial District Pre-Spring Meeting will be held 25-26 March 2011, Staunton, Virginia. A Consulting Rosarian Class will be held on Saturday, 26 March. Registration forms will be available at the February Meeting. Registration form is also available at [www.colonialdistrictroses.org](http://www.colonialdistrictroses.org).

### CONSULTING ROSARIANS

George Wilson, Chairman

Cathy Daley	757-377-3310
Lynn Hun	410-221-0283
Howard E. Jones	757-481-4158
Glenn Millard	757-488-2171
Marian Millard	757-488-2171
Michael Price	757-583-6770
George Wilson	757-853-0621
Patricia Wilson	757-853-0621

### 2011 TRS APPOINTMENTS & RESPONSIBILITIES

Elizabeth Mangino (1 <sup>st</sup> VP)	Program Chairwoman
Donald Snipes (2 <sup>nd</sup> VP)	Membership Chairman
Cathy Daley	Rose Show Chairwoman
Michael Price	Newsletter Editor
Cathy Daley	Hospitality Chairwoman
Sara Jones	June Picnic Chairwoman
Nancy Sutcliffe	January Banquet Chairwoman
George Wilson	Country Store
George Wilson	Consulting Rosarian Chairman
George Wilson	Property Manager
Patricia Wilson	Parliamentarian

## **MEMBERSHIP**

Donald Snipes, Chairman

Welcome to our new members: Mr. Charles Beckwith, 7454 Millbrook Road, Norfolk, Va. 23505-3350; Telephone: Home: 757-314-4618, Cell: 757-423-6464; E-mail: [charliebeckwith@msn.com](mailto:charliebeckwith@msn.com)

Mrs. Annie Fleming, 15 Blacksmythe Lane, Newport News, Va. 23602; Telephone: Home: 757-968-5534; E-mail: [cfleming2000@cox.net](mailto:cfleming2000@cox.net)

Ms. Linda Powers, 1112 Brandon Rd., Virginia Beach, Va. 23451; Telephone: Home: 757-428-1331; E-mail: [llpowers827@verizon.net](mailto:llpowers827@verizon.net)

Mrs. Karyn Smith, 2804 Cistern Circle, Chesapeake, Va. 23323-1739; Telephone: Home: 757-487-2713; E-mail: [hautemaman@gmail.com](mailto:hautemaman@gmail.com)

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## **BOARD MEETING/ANNUAL AUDIT**

When the power point presentation begins, I would like all officers, board members and the audit committee to assemble outside the double doors. We will then proceed to designated areas for the board meeting and for the audit. The Audit Committee will consist of George Wilson, Dr. Arnold Barr and Peggy Scott.

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## **TIDEWATER ROSE SOCIETY MEETING DATES FOR 2011**

20 February	Holly Room
20 March	Holly Room
17 April	Holly Room
15 May	Holly Room
12 June	Picnic
21 August	Holly Room
18 September	Holly Room
9 October	Holly Room
20 November	Holly Room

# 2011 BANQUET



## MILDEW AND BLACKSPOT CONTROL OPTIONS

By Paulette Mouchet

(Originally published in "The Rose Garden" newsletter, March 2003. Revised February 2007)

One of the easiest ways to control powdery mildew is to give your roses a thorough wash at least two mornings a week. A morning bath raises the humidity so powdery mildew spores can't mature. Free water let on the plants also discourages spore maturation. Plants must be dry before nightfall so residual moisture does not provide favorable conditions for spore germination.

Powdery mildew is attracted to lush, new growth. If you have a serious problem year after year, you might want to reduce the quantity of fertilizer applied in January and/or postpone fertilizing until your plants start growing vigorously in the spring.

### **Solution #1 – The Cornell Baking Soda Formula (for Powdery Mildew and Blackspot)**

4 teaspoons	baking soda
2 tablespoons	horticultural oil such as SunSpray brand UltraFine Year-Round Pesticidal Oil
1 gallon	water

Mix well then pour into a no-clog type hose-end sprayer. If you only have a couple of roses to treat use a hand-held spray bottle. Thoroughly soak the entire plant making sure to get the undersides of the leaves. Apply in the morning, approximately every 7 days as needed.

In the late 1980s, Dr. R. Kenneth Horst of Cornell University began testing the use of baking soda and insecticidal soap to control powdery mildew and blackspot on roses. The soap helped the baking soda solution spread over and stick to the plant leaves, but had no effect in suppressing disease. Roses were sprayed every 3 to 4 days and Dr. Horst found the mixture was most effective in preventing blackspot, but was also effective on powdery mildew.

Other research at Cornell focused on controlling fungal diseases, including powdery mildew on members of the gourd family (i.e. cucumbers and pumpkins). Researchers discovered that a single spray of baking soda and SunSpray brand horticultural oil almost completely inhibited powdery mildew on heavily infected pumpkin foliage. Baking soda without any oil was completely ineffective.

The above baking soda formula is based on the Cornell research. According to Dr. Horst, his formula is now available commercially under the name of Remedy. Remedy by Bonide available online at Gardener's Supply and fine garden centers or contact Bonide at 1-800-424-9300.

### **Solution #2 – The Baking Soda-Vinegar Formula**

1 ½ tablespoons	baking soda
2 tablespoons	vegetable oil
1 ½ tablespoons	Safer Insecticidal Soap or liquid soap (not dish washing soap)
1 gallon	water
1 tablespoon vinegar	

Mix together the baking soda, oil, soap and water. Stir in the vinegar last – don't shake! Pour into a no-clog type hose-end sprayer. If you only have a couple of roses to treat use a hand-held spray bottle. Spray in the morning and when the temperature is less than 80 degrees. Thoroughly soak all parts of the plant. Apply weekly as needed.

If you remember in your high school chemistry, when you mix an acid (vinegar) and a base (baking soda) they cancel each other out and you get water that has a neutral pH. So the question is how does this formula work to kill mildew?

When baking soda and vinegar are mixed they produce water, carbon dioxide (which bubbles away) and sodium acetate (which stays in solution). I found many references to sodium diacetate as a mold and mildew inhibitor in baked goods and some references to sodium acetate as a fungicides. Apparently, the active ingredient of the baking soda-vinegar solution is the sodium acetate.

### **Solution #3 – The Vinegar Rinse**

2 tablespoons	white or cider vinegar (5 percent)
1 gallon	water

Pour undiluted vinegar into the container of a dial-a-spray hose-end sprayer. Set the dial to deliver 2 tablespoons per gallon and start spraying. Soak the entire plant, making sure to get the undersides of the leaves. Spray only in the morning. Apply once a week as needed until the weather warms up.

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### **PRUNING TIP:**

Since our winter has been cold, you may want to wait until the first week or second week of March (or toward the end of March) to prune. If you were to prune now and we have a late freeze the rose bush could run the chance of being severely damaged if not killed.

## **Mills Magic Rose Mix**

Mills Magic Rose Mix is a 100% natural product formulated and developed by Ted Mills, accredited Consulting Rosarian and Rose Show Judge of the American Rose Society. This product is a combination of alfalfa meal, fish meal, steamed bone meal, activated sludge, and an organic compost activator. NPK analysis is 6-5-1.

Use 2-3 times per growing season in combination with Mills EasyFeed. (Or once every 6 weeks if you want to use it alone). Work 2-3 cups into the soil around the drip line of the plant and water well. (Use 1 cup for miniatures.) It works magic on your roses!

Impatiens and other flowers love this product! When using in a flower bed, the application rate is 2 lb. per 100 sq. ft.

## **Mills EasyFeed**

Mills EasyFeed is an accelerated flowering formula that comes in both a dry and liquid formula. This unique product provides abundant growth-producing nutrients from both organic and non-organic sources.

EasyFeed is a combination of Epsom Salt, sequestrine chelated iron, soluble seaweed extract, fish solubles, urea and other soluble fertilizers. NPK analysis is 20—10-6. (NPK for EasyFeed Liquid Concentrate is 14-6-4.)

EasyFeed should be applied monthly during the growing season. Dilute one tablespoon of EasyFeed per gallon of water for each rose plant.

This product is great for any flowering plant! When used in flower beds, spray flowers until runoff occurs. Use caution when using any liquid fertilizer as a foliar spray. When applied during high temperatures, burning can occur. The best time to spray is early in the morning, or late in the evening when it is cooler.

## **BloomKote**

BloomKote is a controlled-release fertilizer especially formulated for roses and other blooming plants. BloomKote provides a multi-layer polymeric coating of basic plant nutrients with the added benefits of balanced trace elements and iron.

BloomKote offers rose grower's optimal nutrient availability throughout the growth cycle, avoiding nutrient deficiencies or hazardous excesses. BloomKote can be used at planting time to ensure an even supply of nutrients as the root system develop.

Mills Magic Rose Mix, Mills EasyFeed, and BloomKote are perfect partners. Mills Magic Rose Mix provides nutrients for the all important soil microbial activity that makes many of the nutrients available to your plants. While BloomKote maintains a uniform and slow release of nutrients, application of Mills EasyFeed provides the unique combination of nutrients, including seaweed and fish, for that extra special bloom or the luscious color you expect from prize winning show roses.

For Established roses, when you make your spring application of Mills Magic Rose Mix, it is an ideal time to apply a top dressing BloomKote.

## HOW MUCH DO I NEED PER FEEDING?

PRODUCT	APPLICATIONS
Mills Magic	2-3 cups per Rose
5#	6-7
10#	13-15
20#	25-30
40#	50-60
EasyFeed Dry	1 cup per rose
5#	160
10#	320
20#	640
EasyFeed Liquid	1 TBS per gallon of water for each rose
pint	32
½ gallon	128
1 gallon	256
2 ½ gallon	640
5 gallon	1280
BloomKote	1 cup per rose*
20#	35
40#	70
50#	87

\*If used in planting mix, use only ½ cup per plant

TIDEWATER ROSE SOCIETY

Mills Magic Rose Mix	20# bag	\$16.50	Number of bags_____
Mills Magic Rose Mix	40# bag	30.65	Number of bags_____
Mills EasyFeed	gallon	24.00	Number of gallons_____
Mills EasyFeed Dry	5#	21.00	Number of Tubs_____
	10#	37.50	Number of Tubs_____
	20#	71.00	Number of Tubs_____
Rose Starter Fertilizer (11-40-6 with Minor Elements)	40#	25.00	Number of bags_____
Alfalfa Meal	50# bag	24.00	Number of bags_____

The above products will be available for pickup at the March Meeting. I will need your orders by the February meeting. We are handling some new products. If you have any questions please call George Wilson: 853-0621.