

January Meeting - Sunday, January 11, 2015

January 2015



Tulsa Rose Society Meeting  
JANUARY 11, 2015 2 PM Garden Center

### FREE TOOL SHARPENING

Bring your clean pruners & loppers  
for expert sharpening.



## Know your Dirt

Our January meeting will focus on soils. Soil is one common ingredient in the growing of all of our garden plants. The right kind of soil will result in healthy plants, soil deficient in essential elements will only be a problem to our garden. How do we know what kind of soil we have? What are the desirable qualities of good soil? How can we change the quality of our soil? How important is pH? How do we measure pH? How do we change pH?

Be sure to attend our meeting Sunday, January 11, 2015 and start the year out talking dirt. This is a good time of the year to perform soil tests and learn the properties of the soil in your garden. Once you know the properties you can plan a course of corrective action IF NEEDED. Making changes to the soil around existing plantings is a slow process but can be done. If you are building a new bed you can plan the proper composition of the planting soil so you will have a successful planting area.

Carol Puckett will be sharing the information she learned about soils from her Linnaeus gardeners class which was taught by an OSU instructor.

This is the OSU soil test website

Here are some links to some OSU fact sheets they may want to refer to if they get a soil test. <http://soiltesting.okstate.edu>

How to get a good soil sample

<http://pods.dasnr.okstate.edu/docushare/dsweb/Get/Document-9166/PSS-2207web.pdf>

Improving soil fertility.

<http://pods.dasnr.okstate.edu/docushare/dsweb/Get/Document-2659/HLA-6007web2013.pdf>

## What is Going On?

January 11 - Carol Puckett speaking on soils.

Free Tool Sharpening

January 23-24 - ARS/SCD CR School in San Antonio, TX

February 7 - Oklahoma Rose Society Bingo

8 - Beneficial's in the Garden by Dr. Julia Laughlin,

orders for Mills products due,

21 - Information Fair at TGC

March 8 - possible outside speaker, pick up fertilizer orders

April 10-11 - Springfest at TGC

12 - Dr. Mike Schnelle of OSU

## The News Corner

What a party! If you missed our Christmas party you missed the party of the year. Mary Horrigan was the hostess supreme. Everyone (30 guests) was seated at a table with real china and silverware with cloth table covers and napkins. We had a great assortment of pot luck dishes to select from along with more desserts than we could dream of. The party did not stop with the food. We were entertained with several games that helped us to become more familiar with each other.



It was not all party. We had two bits of business. The installation of our 2015 officers was the required business item. Pictured at the left are from left to right, Judith Carter, treasurer, Liz Enochs, secretary, Don Johnson, president and Mary Horrigan, 2nd Vice-president. Not pictured is Carol Puckett, 1st Vice-president. We also took a moment to approve our annual scholarship of \$500 to TCC. Dennis Voss hopes to be able to bring the scholarship recipient to our January meeting.

## New Year Resolutions

One of the activities during the Christmas Party was to write down resolution for the New Year. The following is a sampling:

"I will talk to my roses kindly."

"Spray every 14 days."

"Install drip irrigation."

"Grow more roses if my husband buys me a new house."

"I will be punctual in my rose maintenance."

"To put markers on all my roses."

"Work out 3 times a week for at least an hour."

"Exercise More"

"Enter the Spring Rose Show"

"Help setup and tear downs the show"

"Attend all meetings of TRS"

### MURPHY'S LAW:

WHICHEVER GARDEN TOOL YOU WANT  
IS ALWAYS AT THE BACK OF THE SHED.



### NEW YEAR RESOLUTIONS FROM OTHER ROSE SOCIETIES. . . .

"I will stop putting things off, if not this year, maybe next."

"I will look for the beauty of the roses instead of dwelling on their faults. I will try to do the same with the people who grow them."

"I will remember that water is more important than fertilizer."

"To add another valve to the automatic watering system so I can control which rose bed gets watered at any one time."



It is time to order your fertilizer for 2015. The prices changed very little. If you compare these prices to what it would cost you to order from Mills or Rosemania you will find these a big savings. We only order once a year and only order what you need so this is your chance.

Please complete the form below or you can print a form from our website and return it to John Carter by the February meeting so we can receive the order by the first of March when you can start using it.

These reduced prices are a member benefit. The Johnson's and Niklas' s are consistent show winners and believe that the products are beneficial to their roses.

Name: _____	<b>Tulsa Rose Society</b>			
Phone: _____	<b>2015 Fertilizer Order</b>			
Compare these prices to Rosmania prices.				
Product	Size	Cost	Qty Ordered	Amount
Mills Magic Rose Mix	10# drum	\$ 16.00		
NKP 6-5-1 20	20 # bag	\$ 23.00		
	40 # bag	\$ 45.00		
	40# Drum	\$ 56.00		
Mills EasyFeed Liq	1/2 gal	\$ 16.00		
NKP 14-6-4 1 Gal	1 Gal	\$ 28.00		
	2.5 Gal	\$ 66.00		
Bloomkote	20# Drum	\$ 44.00		
NKP 16-18-14	40# Drum	\$ 80.00		
	50# Bag	\$ 83.00		
Rose Starter Fert( 11-40-6)	20 # bag	\$ 17.00		
	40 # bag	\$ 32.00		
Beaty's 100% Worm Castings	20 # bag	\$ 17.00		
Liquid Seaweed	1 Gal	\$ 27.00		
Fish Emulsion	1 Gal	\$ 18.00		
Total Due at Delivery				
Please complete order form and Return to John Carter, 1825 W				
Lincoln St Broken Arrow, OK 74012 Orders Due Feb. 9, 2015				

## A Fertilizer Primer: What's In that Rose Food ?

by [Jill Barnard](#) From the American Rose Society Web Site

Roses love to grow. Given minimal care they will survive and produce flowers. With a regular feeding program and a varied diet, roses will thrive and produce armloads of large, beautiful blooms. There are many types of fertilizers, liquid (soluble) or dry (granular), organic or in-organic. Find a program that works for you, but do it on a once-a-month basis during the growing season.

**ORGANIC VS. IN-ORGANIC:** Organic (or natural) fertilizers are derived from any formerly living plant or animal matter. Most commonly used are blood meal, cottonseed meal, bone meal or superphosphate, alfalfa meal and fish meal. Manures - chicken, rabbit and steer are also in this category. Organics are generally slower-release, as they require decomposition by soil micro-organisms before being usable by the plant. They supply benefits to the soil in addition to food for the plants, and should therefore be a regular part of your amendment program.

In-organic (or chemical) plant foods are man-made compositions, formulated for various speeds of release, but generally provide an immediate food source for our heavy-feeding roses, as compared to organic foods. Brand name manufactured rose foods include Bandini , Fertilome , Miracle-Gro , RapidGro , Sterns , Peters , etc. Roses utilize natural and chemical food sources equally, and benefit greatly from use of both, on an alternating basis.

**"BALANCED" ROSE FOOD:** The term is used frequently, and simply means that a fertilizer has a blend of Nitrogen, Phosphorus, and Potassium (N-P-K), though not necessarily in equal parts, in a formulation beneficial for roses. Nitrogen, Phosphorus and Potassium are the three major ingredients required by all plant materials, in varying proportions, dependent upon the plant's needs. Fertilizers, by law, have a numerical N-P-K ratio printed on the container. A 6-12-6 ratio means that the mixture contains 6% Nitrogen, 12% Phosphorus and 6% Potassium. It contains 24% total nutrients and 76% filler material. 6-12-6 is considered a Balanced Rose Food , as it supplies the basic ingredients in proportions beneficial to roses on a continual basis.

Roses utilize each ingredient at differing times of the growth and blooming cycles. More Nitrogen is needed for early spring growth of stems and foliage, plus continual moderate supply during the entire growing season. Phosphorus is for roots and blooms; a higher phosphorus food should be supplied from 3 weeks before blooming until blooming. Potassium provides health for the plant, a catalyst for Nitrogen and Phosphorus. It also builds in hardiness to heat, drought and cold, and is therefore a good supplement just prior to the dormant season. Each of the three ingredients may be purchased separately for addition to specialized feedings.

**NITROGEN SOURCES** When we add organic matter to our soil, its nitrogen content is not immediately available to the plant; it must first be broken down during the decay process. During that process, matter is transformed first into ammonium, then to nitrite, and finally to nitrate nitrogen forms. While the process can take from several days to years, various compounds are formed which are used by soil microorganisms for their own growth.

Since the nitrogen required by rose bushes is mainly in the nitrate form, the importance of chemical fertilizers becomes evident: to supply instantly available nitrogen via nitrate forms; plus nitrogen available within a short space of time via ammonium forms (urea and ammonium phosphates, etc.). A fertilizer containing all three sources - nitrate, ammonium and urea is superior. Learn to read labels to determine nitrogen sources.

**PHOSPHORUS AND POTASSIUM** Both are supplied as primary nutrients in balanced fertilizers. Phosphorus moves very slowly in the soil, so applications are available only to feeder roots within a few inches of the soil surface. Continued use ensures that a supply of phosphorus will eventually reach the lower root structures, provided the soil Ph is proper. The importance of placing bone meal or superphosphate in the bottom of the planting hole becomes clear - newly planted roses need phosphorus supplied at the root zone. Potassium also moves slowly and is not readily leached from the soil. However, it is extremely mobile within the plant system, where it can be leached from the leaves (its primary destination), by rain or irrigation. A continual supply of potassium is good practice.

**SECONDARY- AND MICRO-NUTRIENTS** In an effort to provide the ultimate balanced fertilizer for roses, some formulations include secondary nutrients (calcium, magnesium and sulphur, etc.). Sulphur is an excellent ingredient to help acidify alkaline soil. Where soils are acid, additions of Lime will adjust the pH. High calcium content in soils can render magnesium unavailable - another good reason to add Epsom Salts (magnesium sulphate) continually.

Micronutrients (iron, zinc, manganese, copper, cobalt, boron, chlorine and molybdenum) are added in some formulations as well. Percentages are typically small, as roses require only small amounts. Consider a fertilizer with chelated forms of micronutrients as most desirable, as they are the most usable by the plant.

**"CHELATED" ELEMENTS (IRON, ZINC, MANGANESE, ETC.)** Several trace elements already exist in soils, and are added to fertilizers as an additional supply. If the soil Ph is too high (above 7.0), some elements become unusable (insoluble) by the plant. This is especially true of iron and manganese, and to a lesser degree, copper, zinc and boron.

Chemical reactions in the soil slowly convert the elements into insoluble forms. First, soil Ph must be adjusted to the 6.0 - 7.0 range, then usable forms of the elements must be added. "Chelates", without getting scientific, are simply forms of each element that remain soluble in the soil, and are readily available to the plant. However, since this solubility allows them to readily move out of the root zone with irrigation, repeated applications are needed. Hence, the value of a fertilizer with chelated forms of the trace elements included.

This new knowledge of fertilizers is only a basic beginning to understanding the needs of roses. An excellent program to continually acquire new techniques to grow roses is available through a membership in the American Rose Society. The monthly American Rose Magazine is alone worth the low membership fee, and can save you equal amounts in reduced costs through better understanding of how to grow roses!

### Which Fertilizer is Best for Me?

This is a question often asked. The answer - It depends. Now you know, or do you? This is a topic that will be addressed at our March meeting when we talk about getting your roses off to a good start for the year.

Seriously, there are a number of factors to be considered. First, what type of nutrition do your roses need? During the time of the year when your roses are dormant, they can't tell you much but a soil test can give you some good information. Depending upon your soil conditions and what fertilizers have been used in the past you may have an accumulation of minerals in the soil. You may have a deficiency in others. A basic soil test is a good starting place to learn what fertilizer can benefit the roses growing in your soil.

Going GREEN is becoming desirable for our gardening effort, not only for our health and safety but that of our children, grandchildren and many others. Organic is "IN". What is organic fertilizer? Basically it is products from natural sources such as alfalfa, cottonseed, manure, compost and many others items. Chemical fertilizers are manufactured in a plant generally from petroleum products. They both have their place and can produce similar results in your roses. Did I mention pH - another factor to know!

**Tulsa Rose Society**  
**Application for Membership/Renewal**  
 (Everyone should complete the following information)

Last Name \_\_\_\_\_ First Name \_\_\_\_\_

Spouse or Household Member's  
 Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Home Phone: \_\_\_\_\_ Bus. Phone: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Other Interests or Hobbies: \_\_\_\_\_

Email: \_\_\_\_\_ Renewal (  ) New Member (  )

Would you like to receive our newsletter electronically? (  ) No (  ) Yes (Email address re-  
 quired.)

Are you a member of the American Rose Society? (  ) No (  ) Yes

**Tulsa Rose Society Membership:**

Membership dues are \$20.00 per household \$ \_\_\_\_\_

Would you like your Roster mailed to you? \$1.50 for postage and handling \$ \_\_\_\_\_

**South Central District Membership:**

Newsletter only (Quarterly) \$5.00 (Electronic only - Email required) OR  
 Patron Supporter includes newsletter Family \$40.00 Individual \$25.00 \$ \_\_\_\_\_

Donation to Tulsa Rose Society Trophy Fund \$ \_\_\_\_\_

The Tulsa Rose Society is a not for profit organization (501-c-3) and your donation may be  
 tax deductible. Consult your accountant or tax advisor.

Total Membership Fees & Donations \$ \_\_\_\_\_

Please make check payable to: Tulsa Rose Society and mail with this application to:  
 Judith Carter, 1825 W Lincoln St, Broken Arrow, OK 74012

Tulsa Rose Society Dues are based upon the calendar year and due January 1<sup>st</sup> each year. Mem-  
 bers joining after June 30<sup>th</sup> only pay 50% of the regular dues amount. Members paying by February  
 1, 2015 will be included in the 2015 Membership Roster.

The Treasurer will forward membership information to appropriate organizations along with the ap-  
 propriate payment.

TULSA ROSE SOCIETY  
EXECUTIVE BOARD MEETING  
December 4, 2014

President Don Johnson called the meeting to order at 10:05 a.m. Attending were Brenda Johnson, Dennis Voss, Liz Enochs, Gordon Beck, Mary Horrigan, Beverly Forester, Judy Carter and Norma Whitehead.

The minutes were approved as published in the "Rosarian Reminder".

Judy Carter gave the Treasurer's Report and noted a balance of \$5,036.34 in the checking account. The society's Certificate of Deposit for \$6,000 also remains at Arvest Bank. Judy reported that she and John had redeemed the \$100 gift certificate from the Broken Arrow show event that was donated back to us by Dennis & Renee Niklas. The certificate was spent for crystal vases to use as our show awards this spring. Mary suggested that Judy write a note of thanks to the Niklas' for this award donation.

Judy noted that we had not yet approved any scholarships to Tulsa Community College this year and asked that we discuss this before our December party where we usually present our check to Dennis Voss. Dennis said that TCC would really appreciate any donations and also brought up another program that needs funds for next year. He noted that John Kahre, though retired from the Horticulture Dept. at TCC, is still working on other projects there. One particular program is a horticulture study at Connors State Correctional Center where prisoners who are becoming eligible for release are offered classes in various subjects including horticulture so that they may locate jobs when they leave. John has run this section of the program for several years now and is always looking for donated funds to continue the classes there. After discussion, Gordon moved that we donate \$450 toward support of this program at Connors State. The motion was seconded and approved. This will be brought to the membership for a vote. .

Discussion was also held on the donation of a regular TCC scholarship in horticulture. Don expressed reservations on donating two scholarships this year for concern about depleting our assets. After discussing our asset balances and our tradition of supporting the horticulture program at TCC, John Carter moved to approve the donation of a \$500 scholarship to the TCC Horticulture Dept. The motion was seconded and approved and will be presented to the membership for approval.

Beverly reported on the plans for the Broken Arrow spring rose show which will be held on the same weekend as our May show. She asked if her group could borrow some of our vases for their display. After discussion, Judy moved that TRS loan the Keep Broken Arrow Beautiful Committee 300 vases for their May event. The motion was seconded and approved.

Our Christmas Party will be held at Mary Horrigan' s home on Dec. 14. The Johnsons will be picking up the ham. Mary will mail reminder cards with a map with directions to her home. We look forward to a great time.

Don noted that the Tulsa Garden Center's InfoFair will be held on Feb. 21<sup>st</sup> and we will need volunteers for our table. Our January program will include tool sharpening and either a speaker or a Q&A session on winter care.

The meeting was adjourned at 11:30 a. m.

Norma Whitehead, Secretary

## Tulsa Rose Society

%John T Carter, Editor

1825 W Lincoln St

Broken Arrow, OK 74012-8509



Time to Pay  
Your 2015  
Dues!

### FEBRUARY MEETING PREVIEW

#### **"BENEFICIALS IN THE GARDEN"**

Guest Speaker

### TULSA ROSE SOCIETY General Meeting December 14, 2014

President Don Johnson opened the meeting with a welcome to the members and guests at our annual holiday party at the home of Mary Horrigan. Thirty members and guests attended.

Brenda Johnson, Chair of the Nominating Committee read the list of the nominees for the coming year and asked them to come forward. Don Johnson was elected as President, Carol Puckett as First Vice-President, Mary Horrigan as Second Vice-President, Judy Carter as Treasurer and Liz Enochs as Secretary. Brenda Johnson then installed the newly elected officers for 2015.

Don also brought before the membership the proposal from the Executive Board that we fund a scholarship for \$500 for a horticulture student at Tulsa Community College. The motion was unanimously approved.

The meeting was adjourned for more fun and food at the party.

Norma Whitehead, Secretary