



# "ROSE HIPS"

Affiliated with the American Rose Society

July 2008

## Mark your calendar

**Thursdays, 8:00 AM—11:00 AM**

**Deadheading at the garden:**  
Bring your pruners and lend a hand at the Rose Garden at Julia Davis Park.

**August 4, 7:00 PM**

**IdRS August Meeting:** Location: Luis & Anita Gonzalez's house, 2499 E Franklin Rd, Meridian. (see Driving directions, *this page*)

**August 7—8**

**IGC Flower Show School, Course 1:** Learn about growing exhibition-quality flowers and creating traditional floral designs. Learn about exhibiting and judging at flower shows. For information, contact Allen Deitz (allen\_deitz@hotmail.com or 867-3345)

**August 14, 7:00 AM—11:00 AM**

**Flower Entries—Western Idaho Fair.** Exhibitor handbooks available at Albertson's courtesy counters, D&B Supply, and Zamzow's. For more info, call The Fair at 287-5663.

**September 8**

**IdRS September Meeting:** Location: Ross & Darlene Hoffland's house, 6520 W Ustick Rd, Boise.

## Roses in Review—2008

The 2008 Roses in Review (RIR) marks the 83<sup>rd</sup> time that the members of the American Rose Society have evaluated new rose introductions. The complete results of this survey will be included in the January/February, 2009, issue of *American Rose*, and will help determine the ratings in the *ARS Handbook for Selecting Roses*.

The ultimate value of this procedure is realized only with a broad base of participation. Your participation is needed, whether you grow only one plant of one variety on the list or many of them. Input is needed from "garden" rosarians as well as exhibitors, and from new rosarians as well as seasoned veterans. Reports are also welcomed from those who are not yet ARS members. So, please—take a few minutes of your time to evaluate your new roses. Only evaluate roses you grow from the cultivar list.

The list this year includes all varieties currently in their second, third, or fourth year in commerce in North America. Also included is a "Special Review" group of cultivars. These are older cultivars which, for one reason or another, have never received a rating. Please take some time to look at this group and provide data on any that you may grow. Reviews must be submitted by September 26, 2008.

For those with Internet access, a convenient on-line form is available. Go to the American Rose Society Web site at <http://www.ars.org> and click on the "2008 Roses in Review" link.

A few paper copies of the reporting form will be available at the August and September meetings. If you do not have Internet access, be sure to ask for a copy. If you are an ARS member, look for the form in the July/August issue of the *American Rose*.

## Driving directions to August meeting

From I-84, head north on Eagle Rd. Turn left (west) onto Franklin Rd.

2499 E Franklin Rd will be on the left — watch for the long white privacy fence.

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# Meeting Minutes

## June 2, 2008

The meeting of the Idaho Rose Society was called to order at 7:00 P.M. by President, Warren Skelton at the home of Sandra Ford.

- There were 17 members present. New member Karen Gage was introduced, as well as Darlene Deeds and her daughter Marsha Deeds Weasing, and newly joined member at the meeting, Susana Ossandon. Welcome new members.
- Darlene made motion seconded by Anita to approve the minutes of the June meeting as printed in the Newsletter. Carried.
- Treasurer's report was given by Darlene Hoffland with a balance of \$2615.00. There were 79 lunches at the Rose Show with an income of \$316.00, minus food and tablecloths cost of \$245.40, for a profit of \$70.60 on the lunch. Darlene submitted a bill of \$22.99 for the newsletter.
- Warren as Tally Chairman gave a report on some of the troubles of the Tally. There were 17 exhibitors and 310 entries; 44 Hybrid Teas, 61 Miniatures, 17 Climbers, 18 Floribundas and 21 Miniature sprays. Non member entries were not eligible for the King, Queen or Princess awards. Climbers need to be listed in their sport not as climbers if they are a climber sport, and there was some trouble in the judges' entries, next year they should probably be a different color paper for exhibiting. Warren appointed a committee of Darlene, Amy, Anita and Warren to iron out the problems.
- A round of applause was given to Anita, as chairman, and Luis for their hard work in producing a great Rose Show.
- Virginia mentioned that Diane Jones of Draggin' Wing Xeriscape would like to do a presentation for the club sometime in the spring, on her organic garden produce.
- Allen reminded everyone of the Flower Show school to be held August 7<sup>th</sup> and 8<sup>th</sup> at cost of \$90.00 including lunch.
- August meeting will be at the home of Luis & Anita Gonzalez, September meeting at Ross & Darlene Hofflands, and the October Potluck at Luis & Anita's with Darlene preparing the main dish and members bringing various salads, veggies and deserts.
- Sandy reported on going to Denver to the Pacific Region of National Garden Clubs April 3-5 in Denver. Idaho Rose Society was given 1<sup>st</sup> place award of \$20.00 for Society Newsletter and \$10.00 1<sup>st</sup> place award for Plant Society Newsletter for 2007.
- Sandy gave a report and explained all she did at the National Convention and Rose Show, June 26 and 27 in Denver.
- \$24.00 was received from the raffle for a variety of donated prizes, conducted by Gayle Bush.
- The meeting adjourned at 8:15 PM with refreshments by Sandy and members looked through her beautiful garden.

*Darlene Hoffland for  
Angie Barbosa, Secretary*

## Photos needed

Have you noticed the pages of your "full color" newsletter are looking a bit drab and colorless? Have you been wondering why "they" don't tuck a few fabulous rose photos in the corners? And have you ever wished "someone" would put in a few pictures of some of our Rose Society activities and events?

Now for the really big question — who is "they" and "someone"? Need a hint? They and someone is currently reading this newsletter. That's right—it's You! "What," you exclaim, "what can I do about it?"

Well, you can bring your camera, or bring your friend with a camera, or encourage a fellow member to bring their camera to the next activity and snap a few shots of members in action — deadheading at Julia Davis Park, strolling through a meeting host's garden, or just socializing after a meeting. And don't forget to capture that perfect rose when you see it in your own garden.

Then, you give the photo to your editor and everyone will appreciate your efforts when reading the next newsletter.

## Welcome, new members!

Recently joining the Idaho Rose Society are new members:

**Karen Gage**

**Susana Ossandon**



# Nutrient Uptake — Part II

by Dr. Gary A. Ritchie

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In the last column we reviewed the key anatomical structures in roses, indeed in all woody plants, that are involved in nutrient uptake. These were: the fine roots and root hairs, the xylem (a system of interconnected pipes that leads from the roots to the leaves), and the stomata (tiny pores in the leaves that enable gases such as water vapor to enter and/or leave the leaf). In this installment, we'll review some of the chemistry involved in nutrient uptake. Fortunately, this chemistry is relatively straight forward and quite well understood.

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*“Before a plant can extract a nutrient from the soil solution, the nutrient must be in ionic form.”*

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The main chemical process involved is called ionization. We've all witnessed ionization many times, but perhaps were unaware of what we were looking at. Here's an example. Take a spoonful of table salt crystals, then stir them into a glass of warm water and watch what happens. Before long the crystals will "disappear." They will not settle out. They will become, essentially, part of the water. You are witnessing ionization in action.

The table salt is made up of two elements — sodium ( $\text{Na}^+$ ) and chlorine ( $\text{Cl}^-$ ). When they are combined as sodium chloride ( $\text{NaCl}$ ), table salt, the plus charge and the minus charge act like little magnets, hooking the two elements together. But when they enter the water, the sodium and chlorine come apart — or ionize. They are still there but are no longer visible and no longer connected. They are suspended in the water.

Before a plant can extract a nutrient from the soil solution, the nutrient *must be in ionic form*. This is a very important point to remember. Plants don't take up, say, potassium nitrate ( $\text{KNO}_3$ ). They take up a potassium ion and a nitrate ion that have been dissolved (ionized) in the soil solution. All of the plant macro- and micro-nutrients must first be converted to their ionic form in the soil before they are available to the plant. A bit of this is accomplished by soil microorganisms, but most ionization occurs as the elements are dissolved in

water. That's why we must water generously after we fertilize.

As noted above, some ions have a positive charge. These are called cations. While others, the anions, carry a negative charge. Whether an ion has a positive or a negative charge depends on the number and arrangement of electrons around it — a subject beyond the scope of this article. As far as the plant is concerned, the key cations are potassium ( $\text{K}^+$ ), calcium ( $\text{Ca}^+$ ), magnesium ( $\text{Mg}^+$ ), iron ( $\text{Fe}^+$ ) and zinc ( $\text{Zn}^+$ ). The most important anions are nitrate ( $\text{NO}_3^-$ ), phosphate ( $\text{H}_2\text{PO}_4^-$ ), sulfate ( $\text{SO}_4^-$ ) and chloride ( $\text{Cl}^-$ ).

So, now that you have fertilized your roses and watered the fertilizer deeply into the soil, the soil solution contains a broth of both positively charged and negatively charged nutrient ions floating freely about — much like the glass of water described above that contained sodium and chloride ions.

Now, let's focus on the soil itself. Soil consists of particles of varying sizes. The surfaces of the particles have regions called exchange sites that hold mainly negative charges. The number of these exchange sites is related to the sizes of the particles. Soils that contain lots of clay (i.e. very small particle size) have vastly more exchange sites than soils containing larger particles, such as sand. Organic materials like humus also contain large numbers of exchange sites. Soils such as this are said to have a high “ion exchange capacity.”

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You can probably see where this is going. The charged particles in the soil moisture — the ions we talked about — will tend to attach themselves to the exchange sites on the soil particles — the positive cations to the negative sites and the negative anions to the positive sites. The next step is for the plant to pick up these ions, a process called ion exchange, bring them into the plant and transport them to the places where they are needed for growth. We'll discuss how they do this in the next column. Stay tuned.

This article is reprinted from the March/April 2008 *American Rose*, the magazine of the American Rose Society. This is the second in a three-article series, appearing in the author's column, “*Inside Roses: A personal investigation into the anatomy and physiology of the rose.*”

**Editor, Idaho Rose Society**

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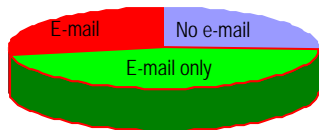


**“E-Mail Only” Newsletter Distribution**

Twenty-five members are now receiving “e-mail only” newsletter delivery. This is an annual cost savings of approximately \$250.

Almost 75% of our members have e-mail. If you do, you can help “grow the green” (or light grey) by adding your name to the list and shrinking the red.

Contact the editor to add your name to the “e-mail only” list.



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