

Portland Dahlia Society Bulletin

Meets second Tuesday of the month at Rose City Park United Methodist Church, 5830 N.E. Alameda

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Next meeting Tuesday, July 9th, 2013 @ 7:30 PM

COOKIES FOR JULY

Cookie hosts for July are Larry Sawyer and Gary Murphy.

PROGRAM FOR JULY

Shirley Bankston will conduct a workshop on growing and marketing cut flowers. Shirley has done this for many years and will let us know what works and what marketing strategies are found lacking. If anyone has any green plants they would like to donate to a silent auction, they would be most welcome. This is especially true this year with the heavy rain followed by the extreme temperatures in late June and early July which have contributed to more rot than normal. If time permits, we will finish with a group discussion on what we might do to at this critical time in the growth cycle to ensure successful blooms.

JUDGING SCHOOL IN PORTLAND

Our own Society will sponsor a judging school Sunday, July 21st. The school will be held at Georgetown Realty, 1000 NE 122nd Avenue 97230. We will use a Team Teaching Approach. The presenters are Mark Oldenkamp, Larry Smith, Ted Kennedy and Mike Riordan. The class will be in session from 9 AM to 3 PM with a pot luck lunch. This is a great opportunity for beginning exhibitors to learn exactly how their blooms are being evaluated on the show bench and how to become a more successful exhibitor. Although geared to the candidate judge, the course would suffice for the refresher required every two years for all judges. Please contact Mark Oldenkamp to register at 503-266-4411 or e-mail Mark at dahliafan1957@gmail.com. The course materials are the revised Judging Manual and the 2013 Classification and Handbook of Dahlias. These will be available for purchase at the judging school. For those interested in becoming Candidate Judges, membership in the ADS and PNDC is a requirement. This promises to be a lively and interesting learning experience for all involved.

VOLUNTEERS NEEDED

In preparation for our 2013 annual show Labor Day Weekend at the Clackamas County Fairgrounds, we need to ask for volunteers to help with some of the show functions. Thursday afternoon, August 29th, we need members to help with the set up of the exhibit hall. This includes assembly of the head table, draping the tables and setting out the size/form/division markers.

Friday night we need a few to help with classification as blooms are entered. Both Saturday and Sunday we need volunteers to help with hospitality and answer general questions from the public.

HOW DO I FERTILIZE MY DAHLIAS By Ted Kennedy

Sometimes the shortest, most basic questions are the most difficult to answer. Rather than just saying how I do it, here are some ideas from other growers.

One club member got a soil analysis to determine what his garden needed. He has always used a lot of organic compost and a bit of sheep manure on his garden. In addition he has used commercial garden fertilizers such as 10-20-20 and 16-16-16 in the past. His soil report indicated that he needed only nitrogen and he decided to buy a time release product that only has nitrogen. I believe he bought a product called *Nitroform* and it is 38% nitrogen

Another member of the club is strictly an organic gardener who uses lots of compost along with such products as bat guano, blood meal and green sand. Such products are available at Concentrates on SE 8th Avenue between Powell and Division in Portland. Peruse their offerings and prices at <http://concentratesnw.com/wp-content/uploads/2013/06/retail-list-130601.pdf> Other organic choices include alfalfa and chicken manure. An English grower swore by cow manure and added a full six inches to his garden every year. The dahlias grew wonderfully, but in the long run the high nitrogen content and probably high levels of bacteria and soil fungi caused the tubers to rot in storage. That did not

deter him and he kept pot tubers of all his dahlia varieties and planted rooted cuttings from them.

One grower in the Seattle area who has won very many best in show awards uses the very best Osmocote fertilizer. I was told that she uses the product that has an 8 to 9 month dissipation rate and an analysis of 13-13-13 and includes micronutrients. There are numerous choices in the Osmocote line but the biggest drawback is the expense. I have been told it runs about \$1.00 per pound, even in the 50 pound bags. Osmocote releases all of the plant nutrients slowly along with all of the trace nutrients throughout the entire growing season. This should not be confused with some cheaper products that release only the nitrogen slowly and really over-dose the plants with phosphorus and potassium when first applied.

One grower now deceased grew dahlias on the coast in sandy soil. She swore by chicken manure and a product derived from seaweed (probably no longer available). That seaweed product probably provided micro-nutrients and some potassium. By the way, the word potassium derives from potash and that was produced by burning seaweed to produce a nutrient laden ash. Later, chemists determined that the potash was mostly one chemical element and named it potassium.

Another grower in Washington swore by the liquid fish products that he sprayed on the plants. Fish fertilizer used to be very popular but its downfall was that it smelled so bad. There are fish pellets being sold as a time release fertilizer for organic gardeners. Their drawback is that dogs and other animals like to eat them and will dig them out of the soil.

In our area it is necessary to add lime to the soil to maintain proper pH. Lime is not technically a fertilizer but it sure works to make your flowers grow. If the soil has the proper pH, the plants can utilize the nutrients in the soil. One needs to test the pH of your garden and lime regularly to keep the pH at proper levels. It should be noted that commercial fertilizers tend to make the soil more acid. If you have been adding only fertilizer and no lime to your garden, you have probably made the soil acid (reduced the pH number, over 6.0 is needed for dahlias and 6.5 is considered ideal). There is a chart on a university web page that showed how much each fertilizer component acidified the soil. For example, for every 100 pounds of urea (46% nitrogen, very common ingredient in fertilizer), you add to your soil, you need to add 71 pounds of lime to keep the soil pH the same. Here is a link to that chart:

<http://extension.oregonstate.edu/catalog/html/fg/fg52-e/#anchor918073>

Many dahlia growers like to use the water soluble products such as Miracle Grow to fertilize their dahlias. These products can be applied with a hose end sprayer and the product is sprayed on the foliage on a weekly basis. A more economical alternative to Miracle Grow is the use of commercial greenhouse fertilizers such as

Peters or Plant Marvel 20-20-20 that cost about \$25 for a 25 pound bag. All of these products have the advantage of giving the plants a feeding of fertilizer that takes effect almost immediately. These products are very useful in hot weather, when dahlias seem to have problems getting enough fertilizer from the soil.

JULY IN THE GARDEN

Besides fertilizing, spraying, tying, topping, disbranching, disbudding, and irrigating (my, we are a busy lot!), one needs to consider the benefits of mulching and with what type mulching of material. Mulching benefits plants in three ways. By shading the soil, mulch keeps the soil cooler and reduces moisture evaporation. Thick mulch discourages weed growth. And finally, most organic mulches provide some plant nutrients and over time improve the texture and water retention capacity of the soil. Nearly ideal mulch is screened compost available from your local yard debris recycler. The Portland Dex Yellow Pages has 13 listings for compost purveyors. If you are considering having it delivered (as opposed to hauling it yourself), keep in mind that transportation costs can add up quickly. So look for suppliers close to your location.

Another thought for mulch would be grass clippings (sans Weed and Feed only). When applying any mulch be careful not to smother the dahlia stalks. Remember it is a soil blanket, not a plant blanket. One grower down in the valley had a rabbit farmer contact. The rabbit farm used mint silage as litter for the rabbits. So not only did the mulch smell like *Doublemint*, it had the rabbit manure kick. Some growers have used straw or stable bedding mixed with manure. With the manure think light dressing (see Ted's previous discussion). Other growers have used spoiled silage or spoiled or unspoiled bales of Alfalfa or Alfalfa pellets. Your local Feed and Seed store would most likely be able to direct you to nearby sources.



Another type of mulch is the in-organic type. Here I'm thinking of "landscape fabric". The landscape fabric is

porous enough to let water, nutrients and air through and yet forms an effective weed barrier. It is sold by the lineal foot at most garden centers. Other types of barriers; e.g., layers of newspapers or black plastic are not recommended since they generally don't allow good moisture and air exchange with the soil.

During July when the plants are growing very rapidly it is easy for them to develop a Nitrogen deficiency. Most often that deficiency is expressed as disease mottling on the foliage. As Ted notes earlier, a foliar feed with liquid fertilizer mixed according to the manufacturer's directions is most effective. Alaska Fish, Rapid-Grow or Peter's will work wonders, even to the point of causing mottling to recede from suspect foliage.

Side dressing the plants with fertilizer is generally done in June or early July. Be sure to place the fertilizer no closer than around the drip line of the plants and in all instances at least 6" away from the dahlia stalk. Growers that continue to side dress later than mid July run the risk of causing an increased incidence of oblong, double, misshapen or "bull" centers.

Into every garden a little rain must fall.

This is great for plant growth, but sadly promotes some fungus diseases. Powdery Mildew (as well as other fungus diseases) is much easier to prevent than to cure. Organic preventatives include 1 Tbs. Baking Soda with 1 tsp. Ivory Liquid in 1 gallon water sprayed on the garden weekly. Another is skim milk with the same spreader-sticker (Ivory). Home garden approved chemicals include Daconil and Funginex which are available at most garden centers. Good garden sanitation seems to help. Also take a look at other vegetation around the dahlia plot. Does it show evidence of mildew? If so, consider treating it along with the dahlias. Dahlia Smut seems more active this year. It starts out as lighter discolorations in round circles on the leaves, looking almost like mosaic virus. Later, these circles in the leaves completely rot through leaving a "shot hole" perforation in the leaves. Daconil seems to be the best control. Best photo I could find on the net is at the below link. Be sure to scroll down to find the two photos of early and advanced infection.

<http://www.kesdahlias.co.uk/2005thoughts.htm>

Some growers like to combine insecticides and fungicides. This is a great timesaver and a good idea as long as both labels say this is permissible. Still others have been known to combine liquid fertilizer with insecticides or fungicides. My experience has been this combination sometimes will cause some leaf burn. Saying this another way...if you are experiencing leaf burn with a combination fertilizer spray, you might want to try applying your liquid feeding separately from your other garden chemicals. For years I was kidding myself and blaming the burning on relatively high daytime temperatures. Applying separately solved the leaf burn problem. Be sure to thoroughly shower after using garden chemicals

Dahlia Shows

by Ted J. Kennedy

I remember the first dahlia show my wife and I went to in about 1989. We were aware that dahlia fanatics conducted a show where they displayed their best blooms to win ribbons but we were not caught up in dahlia fever in those days. We went because we sold some cut flowers from our newly purchased acreage and we wanted to see the dahlia varieties that may have been suitable for cut flower sales. We had little interest in Giant sized dahlias but that was the year that the dark giant called Zorro hit the show scene. Seeing the huge flowers staged in single and triple entries was really impressive. We wrote down numerous dahlia varieties to try the next year and remarked that those dahlia fanatics were way over the top.

Flower shows seem to be an American and British tradition. For some reason, rose people have rose shows; orchid people, orchid shows; and iris and chrysanthemum and undoubtedly many others, all seem to enjoy the competition involved in showing off their spectacular blooms. And then there are the Fairs where fruits, vegetables and flowers compete for prizes. Dahlias shows fill the need for the dahlia aficionados to display and share the flowers that they have enjoyed in their yard and to compete for prizes and awards.

If you have never attended or entered a dahlia show the first and most important fact is that attendance and entry in the show is FREE. Let me repeat that important fact: you can see our dahlia show and park for FREE. In fact, if you come on the second day, when the show is being taken down, you may even get some free flowers to take home with you. So if you have never attended a dahlia show, "free is a very good price" to quote the appliance huckster Tom Peterson.

And entry of blooms in the show is FREE. And if you win at the show you get ribbons and in many cases, cash prizes and perhaps other prizes like dahlia medals or vases or gift certificates. In fact, I have seen some of the more successful exhibitors take home as much as \$200-in cash prizes along with a bunch of ribbons. You may ask: Where does the money come from to support the awards? Our Portland Dahlia Society has two major dahlia tuber sales each year where we sell donated tubers. These fund raisers finance all of the clubs activities. Also, the whole purpose of our non profit club is to promote and share the growing and appreciation of our favorite flower, the dahlia. Traditionally, the flower shows have filled the need of displaying our favorite flower in the best of all circumstances in a place where anyone can come and enjoy them.

So, please come to our annual show that is held on Labor Day week end at the Clackamas County fairgrounds. You will not be disappointed. And if you enjoy a little competition, why not enter some blooms.