Video of the Week: Growing Indoor Ferns  Growing Indoor Ferns

UPCOMING EVENTS

International Acclaimed Landscape Architect to Give Presentation on Campus

Peter Wirtz of the internationally acclaimed Belgium landscape architecture firm will be sharing his passion for horticulture and design philosophy on the K-State campus, Thursday, November 13 at 9:30 a.m. in forum Hall, K-State Union. Wirtz International projects include private, public, corporate and institutional projects in Europe and America. This presentation is open to the public.  http://www.gardenista.com/posts/secret-garden-the-wirtz-family-at-home-in-belgium

UPCOMING EVENTS

The 64th Annual Kansas Turfgrass Conference will be held December 2, 3 & 4 at the Kansas Expocentre in Topeka. The conference is an excellent way to learn about turf and landscape management, visit with old friends, network with new ones, and see all the latest and greatest equipment and supplies from local and national vendors.

The conference has been approved for Commercial pesticide recertification hours:

1 Core hour
3A - 7 hours
3B - 10 hours

International Society of Arboriculture CEUS and GCSAA education points will also be available by attending the conference.

Discounted rates apply if you register before November 18!

For a copy of the program and to register online, go to https://turfconference.eventbrite.com

FLOWERS

Fall Care of Peonies

Cut peony foliage back to the ground if this hasn’t been done already. Compost or discard foliage. Fertilize peonies twice a year — in the spring shortly before new growth appears and then again in the fall after the plants have been cut back. A total of 1.5 to 2 ounces (3 to 4 tablespoons) of a 1-1-1 fertilizer such as a 10-10-10 or 13-13-13 per plant per application should be used. This amounts to 3 to 4 ounces of fertilizer per year. If a soil test reveals adequate levels of phosphorus and potassium, use a lawn fertilizer such as a 29-5-4,
27-3-3 or something similar, but cut the rate to 1/3 of the above rate. In other words apply ½ to 3/4 ounce (1 to 1.5 tablespoons) per plant. Never apply fertilizer directly on the center of the peony as the buds (eyes) may be damaged. Rather, place the fertilizer in a band from 8 to 18 inches from the center of the plant. Water the fertilizer in so the plant can take it up.

Winter protection of herbaceous peonies is only necessary the first winter after planting to prevent alternate freezing and thawing from lifting plants out of the soil. A couple of inches of mulch should be sufficient. Any organic material that does not mat down will work and should be applied after the ground freezes. Avoid using leaves that will mat together. Remove the covering before growth begins in the spring.

The less common tree peonies have woody stems like deciduous shrubs and should not be cut back to the ground or pruned in the fall. Collect the shed leaves and place in the compost pile this fall. Though tree peonies are hardy to Zone 4, they do benefit from a light mulching over winter. Also, it is recommended that tree peonies be fertilized during November to get the plants off to a good start next spring. It is best to take a soil test to see what nutrients are needed. If the soil needs phosphorus and potassium, use a complete fertilizer (such as 10-10-10, 9-9-6, etc.) at the rate of 2.5 pounds per 100 square feet. This would equal 1 rounded teaspoon per square foot.

If phosphorus and potassium are not needed, blood meal makes an excellent fertilizer. Apply at the rate of 2 pounds per 100 square feet or 1 teaspoon per square foot. Turf fertilizers such as a 27-3-3 or 30-3-3 also can be used but at the rate of to 1 pound per 100 square feet or 1 teaspoon per 2 square feet. (Ward Upham)

**VEGETABLES**

**Soil Prep Now for Peas Next Spring**

Peas can be planted earlier than just about any other vegetable crop because they can grow well at a soil temperature of 40 degrees. Though other crops such as lettuce, parsnips and spinach can sprout at lower temperatures (35 degrees), they don’t start growing well until the soil reaches about 45 degrees. However, soils are often too wet to work in the spring. Let’s hope that is true this coming year as we need the moisture. Therefore, you may wish to prepare the soil now rather than next spring so that planting can take place as early as possible even if those spring soils are wet. Wait until soil temperatures reach 40 degrees next spring and sprinkle the seeds on the soil and push them in with your finger. Protection from rabbits and deer will probably be needed as they will be attracted to anything green coming up so early. (Ward Upham)
Knotweed Control

Knotweed thrives in compacted soils, so a thorough aeration is the first step in control. This weed will not compete in a healthy lawn. Chemically, there are two options. Knotweed is an annual that germinates in late February or early March, so a preemergence herbicide can be used in the late fall (about now). Pendimethalin (Scotts Halts), Surflan (Weed Impede), Barricade, Dimension and XL are labeled for knotweed. (Note: Pendimethalin, Barricade and Dimension can be used on all Kansas turfgrasses, while Surflan and XL can only be used on tall fescue and warm-season grasses).

The other option is to use a combination postemergence product such as Trimec, Weed-Out, Weed-B-Gon or Weed Free Zone after the knotweed has germinated in the spring but is still young.

If spring seeding is planned, your options are more limited. Buctril can be used on commercial sites and has a very short residual. It must be used on very young knotweed to get control. Trimec and others require a month before seeding. Obviously, don't use a preemergence herbicide if you are trying to get new seed established. For homeowners seeding in the spring, tilling will control knotweed adequately without using a herbicide. If seeding without tilling (e.g., overseeding using a slicer-seeder), then use a combination product such as one mentioned above just after the knotweed comes up in the spring, and be sure to wait at least a month before seeding. (Ward Upham)

Begin Rabbit Protection Now

Rabbits may begin to nibble on newly planted trees and shrubs this time of year. Protect your investment now through this winter with at least 2-foot-tall cylinders of 1-inch-mesh, chicken wire, or similar barrier. Other control methods include plastic tree wraps and liquid rabbit repellents sprayed on the plants. (Ward Upham)
Horseradish

Horseradish is ready to dig after a hard freeze kills the foliage (usually November or December). The large roots can be harvested while smaller, pencil sized roots can be cut in 6-8 inch long sections as 'seed' or 'sets' for next year's crop which are then immediately re-planted. Another option is to leave the horseradish in the ground and dig as needed. If you choose the latter option, be sure to heavily mulch the area so that the ground doesn’t freeze.

To use horseradish, peel the large, fleshy roots and cut into sections. Use a blender or food processor to chop the roots along with a small amount of water and a couple of ice cubes. Vinegar or lemon juice is added to stop the process that produces the “bite” of horseradish. Add immediately after blending for a mild flavor or wait up to 3 minutes to give the horseradish more kick. Use 2 to 3 tablespoons of vinegar or lemon juice per cup of horseradish sauce along with ½ teaspoon of salt for flavor. Horseradish has an extremely strong odor and so you may wish to open the blender or food processor outdoors and to keep your face away from the container when opening. Store ground horseradish in a tightly sealed jar in a refrigerator until ready for use. (Ward Upham)

Contributors: Ward Upham, Extension

To view Upcoming Events: http://tinyurl.com/fswqe

The web version includes color images that illustrate subjects discussed. To subscribe to this newsletter electronically, send an e-mail message to cdipman@ksu.edu or wupham@ksu.edu listing your e-mail address in the message.

For questions or further information, contact: wupham@ksu.edu

Brand names appearing in this publication are for product identification purposes only. No endorsement is intended, nor is criticism implied of similar products not mentioned.

Knowledge for Life

Kansas State University Agricultural Experiment Station and Cooperative Extension Service.