UPCOMING EVENTS

Kansas Turf Conference in conjunction with KNLA
December 4, 5 & 6, 2018
Kansas Expocentre, Topeka

Mark the date to attend the Kansas Turfgrass Conference in conjunction with KNLA on December 4, 5 & 6 in Topeka.

The conference is an excellent way to learn about turf, nursery and landscape management, visit with old friends, network with new ones, and see all the latest equipment and supplies from local and national vendors.

The conference has been approved for Commercial pesticide recertification hours:
  1 Core hour  3A - 7 hrs  3B - 7 hrs

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

Download a copy of the program, get exhibitor information, or register online
http://www.kansasturfgrassfoundation.com/annual-ktf-conference.html

Great Plains Growers Conference
January 10-12, 2019
St. Joseph, MO
https://www.greatplainsgrowersconference.org/
TURFGRASS

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 such as buffalograss, zoysiagrass and bermuda).

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 of the lawn 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 overseeding to thicken up your lawn. 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)

VEGETABLES

Soil Prep Now for Peas Next Spring

Peas can be planted earlier in the spring 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. 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)
**MISCELLANEOUS**

**Begin Rabbit Protection Now**

Rabbits may begin to nibble on newly planted trees and shrubs through the winter. Protect your investment 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. Repellents will need to be reapplied each time it rains. (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 $\frac{1}{2}$ 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)

**Keep Compost Pile Moist**

This is the time of year when there are lots of materials
available to compost. Remember that the compost needs to be kept moist so that the bacteria and fungi can break down the raw materials. Use a sprinkler to soak through the pile to the center. Allow the pile to drain. The goal is for the pile to remain moist; not waterlogged. Edges will dry out the quickest and may need a light sprinkling from time to time.

If you are interested in composting but don’t know how it is done, see our video at http://tinyurl.com/jn6yppo. We also have a series of publications on composting that can be accessed at http://hnr.k-state.edu/extension/publications/horticulture-practices.html (Ward Upham)

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This newsletter is also available on the World Wide Web at:
http://hnr.k-state.edu/extension/info-center/newsletters/index.html

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.

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