

# Horticulture 2017 Newsletter

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## Video of the Week:

[Ornamental Grasses Have Interesting Seedheads](#)

## TURFGRASS

### Give Cool-Season Grasses a Boost



September is almost here and that means it is prime time to fertilize your tall fescue or Kentucky bluegrass lawns. If you could only fertilize your cool-season grasses once per year, this would be the best time to do it.

These grasses are entering their fall growth cycle as days shorten and temperatures moderate (especially at night). Cool-season grasses naturally thicken up in the fall by tillering (forming new shoots at the base of existing plants) and, for bluegrass, spreading by underground

stems called rhizomes. Consequently, September is the most important time to fertilize these grasses.

Apply 1 to 1.5 pounds of actual nitrogen per 1,000 square feet. The settings recommended on lawn fertilizer bags usually result in about 1 pound of nitrogen per 1,000 square feet. We recommend a quick-release source of nitrogen at this time. Most fertilizers sold in garden centers and department stores contain either quick-release nitrogen or a mixture of quick- and slow-release. Usually only lawn fertilizers recommended for summer use contain slow-release nitrogen. Any of the others should be quick-release.

The second most important fertilization of cool-season grasses also occurs during the fall. A November fertilizer application will help the grass green up earlier next spring and provide the nutrients needed until summer. It also should be quick-release applied at the rate of 1-pound actual nitrogen per 1,000 square feet. (Ward Upham)

## FLOWERS

### Lilacs with Dead Canes

Lilac borers are insects whose larvae bore into stems



usually during May and June. A sawdust-like material called frass is often seen around the base of stems after it has been pushed out the hole made by the borer. Canes often wilt and die during late summer especially if the summer has had a dry period. The larvae passes the winter inside the dead canes and pupates the following spring, usually during April. The adult, clear-winged moth resembles a wasp and often emerges during May through June though there is a great deal of variability. Eggs are laid on the stems of lilac, and the cycle starts over again. There is one generation in Kansas.

Though it is too late to spray for lilac borer this year, removal and destruction of dead canes will help reduce populations next year. You may also want to spray for the insect next spring. The first spray for ash/lilac borer should be applied when the Vanhoutte spirea is in full to late bloom, probably about May 1. A second spray should be applied four weeks after the first.

Thoroughly treat the lower portion of the stem of lilac or privet. Permethrin (Hi-Yield 38 Plus and Hi-Yield Garden, Pet, and Livestock Insect Control) are labeled for control. Though there are a number of other homeowner products that contain permethrin, the products listed above are the only ones I've found that specify on the label how the material should be applied for borer control. (Ward Upham)

### **Dividing Daylilies**



Daylilies need to be divided every three to four years to maintain vigor. Though they may be divided in early spring before growth starts, it is more common to divide them at this time of year. Many gardeners cut back the tops to about half their original height to make plants easier to handle.

Daylilies have a very tough root system that can make them difficult to divide while in place. Dividing in place is practical if it hasn't been long since the last division. In such cases, a spading fork can be used to peel fans from the existing clump. If the plants have been in place longer and are well grown together, it is more practical to divide them after the entire clump has been dug.

Use a spade to lift the entire clump out of the ground. Although it is possible to cut the clump apart with a sharp spade, you'll save more roots by using two spading forks back-to-back to divide the clump into sections. Each section should be about the size of a head of cauliflower. An easier method involves using a stream of water from a garden hose to wash the soil from the clump, and then rolling the clump back and forth until the individual divisions separate. Space divisions 24 to 30 inches apart, and set each at its original depth. The number of flowers will be reduced the first year after division but will return to normal until the plants need to be divided again. (Ward Upham)

## MISCELLANEOUS

### Are Crabapples Safe to Eat?



Crabapples are safe to consume as long as you don't eat too many of them. Actually, the only difference between crabapples and apples is the size of the fruit. By definition, crabapples have fruit that are 2 inches or less in diameter, and apples are more than 2 inches in diameter. By this definition, most of the apples grown from seed will be crabapples. The fruiting apples are grafted.

So, did people ever plant crabapples from seed? Of course they did. Just think of Johnny Appleseed. But those apples were normally used for jelly, applesauce, and cider and not for fresh eating.

There is one other caveat with using crabapples from a tree in the landscape. Make sure the tree hasn't been sprayed as an ornamental with a pesticide that isn't labeled for fruit tree apples. If it has, then the fruit should not be used. (Ward Upham)

### Wood Chips As Mulch



With many municipalities and tree service companies having wood chippers, gardeners often are able to get chips free. We are sometimes asked our opinion about whether these make a good mulch.

Some people have heard that these chips will tie up nitrogen so that the garden plants won't grow as well. If wood chips are used as a mulch, there is no cause for concern. However, if the chips are mixed with the soil, there can be a problem during the breakdown process. The microorganisms that break down the chips need a certain amount of nitrogen during the process. With most green material, there is enough nitrogen in the material itself to meet the needs of the microorganisms. However, nitrogen levels in wood chips are so low, the microorganisms must borrow it from the surrounding soil. This results in less nitrogen being available to the plants. However, when the raw organic material has been digested, the microorganisms die and release the nitrogen. Therefore, the nitrogen is not lost but is simply unavailable for plant use for a period of time. Again, this is only a concern if the wood chips are mixed into the soil. There is no problem with nitrogen tie-up if the chips are used as a mulch.

However, one point should be kept in mind. These chips can be used by foraging termites as a bridge to homes and other structures. Termites are light and heat sensitive and will not bother the chips themselves if they are 3 inches deep or less. Therefore, watch the depth of these chips near

the house or other buildings. Also leave a bare area several inches wide next to the house so that any termite activity is noticeable.

When applying mulch around trees, do not mound the mulch so it looks like a volcano. Remember that roots need oxygen as well as moisture and the movement of both can be hindered by a deep layer of mulch. A depth of about 3 inches is about right. (Ward Upham)

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