

THE GRAPEVINE

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DO NOT OVER-FERTILIZE TOMATOES

Though tomatoes need to be fertilized to yield well, too much nitrogen can result in large plants with little to no fruit. Tomatoes should be fertilized before planting and sidedressed with a nitrogen fertilizer three times during the season. The first sidedressing should go down one to two weeks before the first tomato ripens. The second should be applied two weeks after the first tomato ripens and the third one month after the second. Common sources of nitrogen-only fertilizers include nitrate of soda, urea, and ammonium sulfate. Blood meal is an organic fertilizer that contains primarily, but not exclusively, nitrogen. Use only one of the listed fertilizers and apply at the rate given below.

- ✓ Nitrate of soda (16-0-0): Apply 2/3 pound (1.5 cups) fertilizer per 30 feet of row.
- ✓ Blood Meal (12-1.5-.6): Apply 14 ounces (1.75 cups) fertilizer per 30 feet of row.
- ✓ Urea (46-0-0): Apply 4 ounces (½ cup) fertilizer per 30 feet of row.
- ✓ Ammonium Sulfate (21-0-0): Apply 0.5 pounds (1 cup) fertilizer per 30 feet of row.

If you cannot find the above materials, you can use a lawn fertilizer that is about 30 percent nitrogen (nitrogen is the first number in the set of three) and apply it at the rate of 1/3 pound (¾ cup) per 30 feet of row. Do not use a fertilizer that contains a weed killer or weed preventer.

Mulching Garden Crops

Now is a good time to mulch garden vegetables if you haven't done so already. Mulches provide several benefits including weed prevention, reduced watering due to less evaporation and cooler soils that enhance root growth. Straw and hay are popular mulches in Kansas due to their availability. However, both may contain weed seeds that will germinate if the thatch layer is not thick enough. Grass clippings can also be used if the lawn has not been treated with weed killers. Add only a thin layer of clippings at a time and allow to dry for 2 to 3 days before adding more. A thick layer will form a mold that is almost impervious to water. A mulch layer one-half to three-quarters inch thick is about right for grass clippings but hay or straw should be at a depth of 2 to 4 inches.

New Potatoes

Many gardeners look forward to harvesting new potatoes this time of year. New potatoes are immature and should be about the size of walnuts. Pull soil away from the base of the plants to see if the tubers are the desired size. If they are, dig entire plants and allow the skins of the exposed tubers to dry for several hours before gathering. These young potatoes are very tender and prone to the skin "slipping" unless they are given a few hours to dry. Even then these immature potatoes will not store well. Red-skinned varieties are often preferred as they are the earliest to produce.

Master Gardeners Accepting New Applicants!!!

It's that time of year again, time to start thinking about dusting off the Master Gardener applications and spreading the word about the next class.

WHAT is a Master Gardener? Do I have to be a gardening expert to take the Master Gardener course? Why would I want to be a Master Gardener? What does a Master Gardener do? These and many other questions come to mind when Master Gardener training is mentioned. Let me try to clarify a few of these points.

A Master Gardener is a person who has a thirst for knowledge about home horticulture, you know, all that stuff growing around your house - the lawn, the shade trees, the shrubs, the garden, the fruit trees, and even your houseplants. It is a person who wants to know things like; which tomato does best in Kansas, what are the best shade trees to plant in a small yard, what kind of fertilizer is best for my fescue, when should I prune my lilac, and how do I get rid of moles that are tunneling throughout my yard.

And things like; how many apple trees do I need for good fruit production, how about peaches and pears, will raspberries do any good here, what can I do to improve the soil in my garden/flower beds/yard, do I need to add lime to my soil, what can I do to control ticks, fleas, and chiggers in my yard. Let's not forget about bagworms. What about herbs, and did I mention crabgrass, or dandelions. How many hours of sunshine should you have on your water garden? How much sun does your vegetable garden need?

This is just a small sample of some of the questions that commonly come up in the everyday world of home horticulture. A Master Gardener is not a person who knows all the answers to these questions, but someone who wants to know these answers and wants to learn where to go to find out the answers to other questions just like these.

WHY would anyone want to become a Master Gardener? Well, first to gain the aforementioned knowledge, and second, to share this information with friends, neighbors, and other people in the community. Past classes of Master Gardeners have participated in such projects as the landscaping and planting of the courthouse grounds, conducting a tomato taste test at the Butler County Fair, volunteering to assist at the compost site, routing traffic and taking surveys during the Household Hazardous Waste Collection day, and provided assistance during the county fair with the horticulture judging contests and judging of the horticulture exhibits, downtown planting of the planter boxes and establishment and planting of the Extension Demonstration Garden. Most recently the Butler County Master Gardeners have installed a water garden at the demonstration garden, and are currently working on the landscaping of that new feature. There's also the Numana community garden that Butler County Master Gardeners are involved with.

HOW do I become a Master Gardener? By simply filling out an application at the Extension office (we will even mail it to you) and being available to attend twelve training sessions between 9:00 AM and 4:00 PM on Thursdays from September 14th to December 14th. Thanksgiving is excluded, as well as the week of November 2nd.

IN EXCHANGE for over 40 hours of comprehensive training in home horticulture you will be asked to give back 40 hours of volunteer service to the horticulture programming efforts of the Butler County Extension office. There is a fee of \$110.00 to cover the cost of the program and educational materials, but what a small price to pay for what you receive. Sessions on landscaping, gardening, fruit and nut production, lawn care, insect and disease control, organic methods, soil management, annuals and perennials, nuisance animals, plant propagation, houseplants and more are all part of the program.

ANYONE that thinks they might be interested in taking the Master Gardener training should call 321-9660 or come down to the Extension office at the 206 N. Griffith(the fairgrounds) and pick-up an application.