

TREE mendous MES

Your Neighborhood Friend For Tree Care

Our Exceptional Service and Knowledgeable Staff is What Keeps us a "Cut" Above!

## Spring is here!

### Have you called McCullough's tree service yet?

**WE WORK** 



**WE PLAY** 



**WE GROW** 



WE CLIMB...WE HELP...WE CLEAR...WE CUT...WE FERTILIZE...WE INSPECT

















HelpForTrees.com

### We've had a **BUSY WINTFRI**

It's been a busy 2015/2016 winter season. We've worked hard to take care of our valuable clients.

From taking down trees, to clearing the way we've been busy! Our clients are our first order of business.

We're growing and expanding and stretching ourselves in new ways. Our team members are learning new ways to be more effective and to become #1 in what they do.

**THANK YOU** for helping us to achieve these new milestones!

### Did you Know?

- We're on Facebook, Pinterest, Twitter and Instagram. Follow us, Pin us, Like us... LET'S BE SOCIAL! 🎁 😰 🕥
- The first novel ever written on a typewriter was Tom Sawyer.
- Trees are negatively charged, and lightning is positively charged, so trees often get struck. On top of that, electricity always takes the path of least resistance, which means the tallest object will be struck first. Better to be wet than fried!

### Early Spring Tree Care



Inspecting your trees in the early spring is necessary for their general health. The first reason why tree inspection is vital stems from the type of winter we've

experienced. A warm winter might lead into an early spring, which can jump-start foliage production. This can be dangerous because spring storms can have more of an impact on leafy, heavy branches, which can increase the likelihood of damage to the trees as well as to property. Also, by checking your trees for signs of disease in the early spring, you will identify the diseased or damaged branches that need to be removed. This can lessen your trees' storm damage risk, and prevent potential harm to people and property.

We will walk around your yard and examine each tree, its' branches and trunks, check for deadwood, broken branches, cracked and loose bark, wet spots and insect exit holes. We check for lesions, which appear on leaves as small, dark circles bordered by yellow halos. It is also important to examine stems and branches for cankers, which are localized disease areas that often appear shrunken or discolored. Paying attention to tree limbs that extend near your house, and looking for older trees that hover over your neighbors'

yards, can prevent scenarios that can create lots of damage if your trees fall onto your house or into your neighbors' property. If your older trees show any signs of disease or damage, pruning those using proper tools and techniques will prevent further damage.

Pruning encompasses many techniques, including the removal of interior tree growth to increase light penetration and wind circulation. Pruning is recommended during the early spring, and can be performed throughout the year. Damaged or broken branches, as well as deadwood, should be removed with sharp, clean tools. This reduces a trees' weight and wind resistance, decreasing its chance to be damaged in a storm.

Pruning is also important for the health and appearance of flowering trees because it reduces a trees' stress by removing diseased, dead or broken branches. As a general guideline, it is a good idea to prune flowering trees during the early spring, but they can often be pruned from September until May. Spring flowering trees can be pruned just after they bloom in the early spring, although this removes many beautiful flowers. Summer flowering trees need to be trimmed during early spring to provide a healthy environment for new buds.

Give us a call, you'll be guaranteed your trees will not only look well-groomed, but will be less likely to suffer from storm damage, disease or insect infestation.



### Shakin' the Family Tree

We've welcomed a few new team members in 2015/2016. We are growing and with that growth the need for new team members. During this period of growth, we have experienced growing pains...which are a great thing because it encourages our business to sharpen everything we do, from the people we hire to the techniques we use to take care of all your needs.

Our team members are like family to us, so it's our priority to mentor them and help them reach their full potential. Our team members have achievement goals and work hard to reach them. They work hard at being the best, because they serve the best clients!

At McCullough's Tree Service, we're proud to say we offer jobs in Muskingum, Licking and Franklin counties!

- We will provide all clients with an Expert Certified Arborist to evaluate their needs and provide a written estimate.
  - We offer a 100% guarantee on every project.
  - We make it easy, on time and on schedule.

### **CONTACT US TODAY!**



It's an information superhighway that speeds up interactions between a large, diverse population of individuals. It allows individuals who may be widely separated to communicate and help each other out. But it also allows them to commit new forms of crime.

No, we're not talking about the internet, we're talking about fungi. While mushrooms might be the most familiar part of a fungus, most of their bodies are made up of a mass of thin threads, known as a mycelium. We now know that these threads act as a kind of underground internet, linking the roots of different plants. That tree in your garden is probably hooked up to a bush several meters away, thanks to mycelia.

## Hidden under your feet is an information superhighway that allows plants to communicate and help each other out.

### IT'S MADE OF FUNGI!

The more we learn about these underground networks, the more our ideas about plants have to change. They aren't just sitting there quietly growing. By linking to the fungal network they can help out their neighbors by sharing nutrients and information — or sabotage unwelcome plants by spreading toxic chemicals through the network. This "wood wide web," it turns out, even has its own version of cybercrime.

It has taken decades to piece together what the fungal internet can do. Back in 1997, Suzanne Simard of the University of British Columbia in Vancouver found one of the first pieces of evidence. She showed that Douglas fir and paper birch trees can transfer carbon between them via mycelia. Others have since shown that plants can exchange nitrogen and phosphorus as well, by the same route.

Simard now believes large trees help out small, younger ones using the fungal internet. Without this help, she thinks many seedlings wouldn't survive. In the 1997 study, seedlings in the shade – which are likely to be short of food – got more carbon from donor trees.

"These plants are not really individuals in the sense that Darwin thought they were individuals competing for survival of the fittest," says Simard in the 2011 documentary *Do Trees Communicate?* "In fact they are interacting with each other, trying to help each other survive." To read more about this interesting article, follow this link! www.bbc.com/earth/story/20141111-plants-have-a-hidden-internet.



# Planting Flowers and Vegetable plants next to each other is a great idea!



One of the cornerstones of edible landscaping is that gardens should be beautiful as well as bountiful. Mixing flowers and vegetables so that both are an integral part of the garden's design is another key. Let's say you have a shady backyard, so you decide to put a vegetable garden in the sunny front yard. Many folks would install a rectangular bed or wooden boxes, and plant long rows of vegetables, maybe placing a few marigolds in the corners, or planting a separate flower border. In either case, the gardener will have added plants offering a bit of much-needed pollen and nectar.

Integrating an abundance of flowers among the vegetables, however, would impart visual grace while also helping beneficial insects accomplish more. Plentiful food sources will allow the insects to healthily reproduce. Plus, most of their larvae have limited mobility. For example, if a female lady beetle or green lacewing lays her eggs next to the aphids on your violas, the slow-moving, carnivorous larvae won't be able to easily crawl all the way across the yard to also help manage the aphids chowing down on your broccoli.

So get those spring plants started indoors and get ready for some colorful, purpose filled planting!

### **Camelot Cellars**

### Columbus, Ohio - Franklin County

Camelot Cellars Winery walks you through the wine-making process step by step. From selecting your wine to the perfect blend of oaks to dropping in the final yeasty touch, you're the wine-maker, working under expert guidance.

### Three Oaks Vineyard Granville, Ohio – Licking County

Three Oaks Vineyard is a place to experience the beauty of nature. A part of the world that's peaceful and serene. It's paradise. Situated on 14 acres of land with oak, elm, maple, walnut and hickory trees, wild flowers, meadows, babbling brooks, a shady ravine, a spring-fed pond and a vineyard and small apple orchard, this truly is the perfect backdrop for a glass of great wine.

### Terra Cotta Winery New Concord – Muskingum County

On a visit to Terra Cotta, you can sample the wines to find your favorite, and relax with a glass of wine on the back porch or inside tasting room. The view is gorgeous and you might even see an awesome sunset!





Your Neighborhood Friend For Tree Care

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120 Westgate Drive • Newark, OH 43055 Jim Murphy: 740.763.2335

955 Alfred Street • Zanesville, OH 43701 Bryan Smith: 740.454.1789

2335 West Dublin-Granville Road • Columbus OH 43235 Stephan Carbonara: 614.799.8733

## HelpForTrees.com

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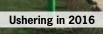








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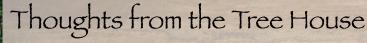
Taking Down the Big One



**Ready for Anything** 



**Keeping You Warm** 





Spring, a time of rebirth, new growth and new beginnings – a time to reflect on where we've been and where we're going. Sometimes taking a look at where we are can create many revelations. It will open the way to where we are going and provide a window to learn from where we've been. It's important in life and in business that we never become stale, that we are always seeking ways to learn and expand. In life, there are always ways to become more than we are right now. At McCullough's Tree Service, we promise you that we are always looking for the better, well thought out, safe, time effective and cost effective way to serve our clients. You've got my word on it!

Plant a tree and plant yourself in a seat where you can watch it grow. Take the time to relax...we only get one walk through this life, make it a beautiful journey.

WESS McCullough