

How to Grow Mushrooms at Home

Source: [Dr. Mercola](#)

STORY AT-A-GLANCE

- Mushrooms contain some of the most potent natural medicines on the planet. Of the 140,000 species of mushroom-forming fungi, about 100 of them have been studied for their health-promoting benefits
- Mushrooms are excellent sources of antioxidants, copper, vitamin D and other nutrients many don't get enough of in their diet
- It's important to make sure your mushrooms have been organically grown, as they absorb and concentrate whatever they grow in. Most conventional mushroom producers use pesticides
- The ability to control your growing conditions is just one reason to consider cultivating your own mushrooms. While a bit different from growing other fruits and vegetables, just about anyone can do it
- Basic instructions for growing mushrooms in logs, fruiting, harvesting and storage are included

By Dr. Mercola

Mushrooms contain some of the most potent natural medicines on the planet. Of the 140,000 species of mushroom-forming fungi, about 100 of them have been studied for their health-promoting benefits. Of those, about a half dozen really stand out for their ability to deliver a tremendous boost to your immune system.

Mushrooms are excellent sources of antioxidants in general as they contain polyphenols and selenium, but they also contain

antioxidants that are unique to mushrooms. One such antioxidant is, which scientists are now beginning to recognize as a master antioxidant.

A study in the journal *Nature*¹ discusses the importance of ergothioneine, describing it as “an unusual sulfur-containing derivative of the amino acid histidine,” which appears to have a very specific role in protecting your DNA from oxidative damage.

[Mushrooms also contain a number of unique nutrients](#) that many do not get enough of in their diet. One is copper, which is one of the few metallic elements accompanied by amino and fatty acids that are essential to human health. Since your body can't synthesize copper, your diet must supply it regularly. Copper deficiency can be a factor in the development of coronary heart disease.

Buy Organic or Grow Your Own

It's important to make sure your mushrooms have been organically grown, as they absorb and concentrate whatever they grow in, for better or worse. This is what gives mushrooms their potency. Mushrooms are known to concentrate heavy metals, as well as air and water pollutants, so healthy growing conditions is a critical factor.

Most conventional mushroom producers use pesticides. The ability to control your growing conditions is just one reason to consider cultivating your own [mushrooms](#).^{2,3,4} While the growing of mushrooms is a bit different from growing other fruits and vegetables, just about anyone can do it.

What You Need to Grow Mushrooms

To grow mushrooms, you'll need a few tools and supplies you may not already have, even if you're a seasoned gardener. These include:

