

## Walnut Toxicity

If you've ever tried to grow tomatoes near black walnut, then you know the devastating effect the chemical juglone (produced by black walnuts) can have on certain plants. Juglone causes wilting and yellowing of leaves, and sometimes death in susceptible plants. Its effect is worst at the edge of the tree's crown, or dripline, but, in general, the toxic zone around a mature walnut tree is within 50-80 feet of its trunk. The following plants are very vulnerable to juglone and should be grown away from a black walnut tree.

columbine	apple	asparagus
daffodil (some)	blackberry	pepper
lily	grape	potato
peony (some)	pear	rhubarb
petunia	strawberry	tomato

The best way to prevent the problem is not to plant a black walnut tree in your yard. If you already have one, grow sensitive plants well away from walnut trees.

*Provided by*  
[wimastergardener.org](http://wimastergardener.org)



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## Additional Resources

### Walnut Toxicity

- UW-Extension Publication A3182, *Walnut and Butternut Toxicity*, at <http://learningstore.uwex.edu/Walnut-and-Butternut-Toxicity-P390.aspx>
- UW-Extension Fact Sheet XHT1017, *Black Walnut Toxicity*, at <https://hort.uwex.edu/articles/black-walnut-toxicity/>
- Article on MG website at <http://wimastergardener.org/article/landscaping-in-spite-of-black-walnuts/>

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