



# What's on my food?

PRESENTED BY:



SHARE

[Home](#)

[About](#)

[Get Involved](#)

[How Much Is Too Much?](#)

[Methodology](#)

[FAQ](#)

## APPLES

47 Pesticide Residues Found by the USDA Pesticide Data Program<sup>1,2,3</sup>

### Human Health Effects:

6— Known or Probable

Carcinogens<sup>4</sup>

16— Suspected Hormone Disruptors












5— Neurotoxins






























6— Developmental or Reproductive  
Toxins

### Environmental Effects:

11— Honeybee Toxins<sup>5</sup>

### Pesticide Residues Found in Apples:

What Pesticide?	How Often is it Found? <sup>6</sup>	Conventional vs. Organic	Toxicity <sup>7</sup>	Other Foods with this Pesticide
Diphenylamine (DPA)	82.8%	Conventional vs. Organic		Other Foods
Thiabendazole	81.0%	Conventional vs. Organic	 	Other Foods
Pyrimethanil	75.2%	Conventional vs. Organic	  	Other Foods
Chlorantraniliprole	41.2%	Conventional vs. Organic		Other Foods
Acetamiprid	28.7%	Conventional vs. Organic		Other Foods
Imidacloprid	20.2%	Conventional vs. Organic		Other Foods
Carbendazim (MBC)	17.3%	Conventional vs. Organic	  	Other Foods
Tetrahydrophthalimide (THPI)	16.7%	Conventional vs. Organic		Other Foods
Methoxyfenozide	15.9%	Conventional vs. Organic		Other Foods

Fludioxonil	13.4%	Conventional vs. Organic		Other Foods
Thiacloprid	12.7%	Conventional vs. Organic	 	Other Foods
Boscalid	12.7%	Conventional vs. Organic		Other Foods
Pyraclostrobin	11.8%	Conventional vs. Organic		Other Foods
Phosmet	9.6%	Conventional vs. Organic	  	Other Foods
Azinphos methyl	9.2%	Conventional vs. Organic	  	Other Foods
Fenpyroximate	8.5%	Conventional vs. Organic		Other Foods
Endosulfan II	8.1%	Conventional vs. Organic		Other Foods
Myclobutanil	8.1%	Conventional vs. Organic	 	Other Foods
Diazinon	6.5%	Conventional vs. Organic	   	Other Foods
Trifloxystrobin	5.8%	Conventional vs. Organic		Other Foods
Spinetoram	5.0%	Conventional vs. Organic		Other Foods
Endosulfan I	4.3%	Conventional vs. Organic		Other Foods
Etoxazole	3.3%	Conventional vs. Organic		Other Foods
Pendimethalin	3.3%	Conventional vs. Organic	  	Other Foods
Fenpropathrin	2.8%	Conventional vs. Organic		Other Foods
Fenbuconazole	2.7%	Conventional vs. Organic	 	Other Foods
Carbaryl	2.4%	Conventional vs. Organic	   	Other Foods



Endosulfan sulfate	1.9%	Conventional vs. Organic		Other Foods
Fonicamid	1.6%	Conventional vs. Organic		Other Foods
Chlorpyrifos	1.6%	Conventional vs. Organic		Other Foods
Cyhalothrin, Total (Cyhalothrin-L + R157836 epimer)	1.1%	Conventional vs. Organic		Other Foods
Spinosad	0.9%	Conventional vs. Organic		Other Foods
o-Phenylphenol	0.9%	Conventional vs. Organic		Other Foods
Imazalil	0.5%	Conventional vs. Organic		Other Foods
Chlorpropham	0.4%	Conventional vs. Organic		Other Foods
Difenoconazole	0.3%	Conventional vs. Organic		Other Foods
Permethrin cis	0.3%	Conventional vs. Organic		Other Foods
Esfenvalerate+Fenvalerate Total	0.1%	Conventional vs. Organic		Other Foods
Buprofezin	0.1%	Conventional vs. Organic		Other Foods
Thiamethoxam	0.1%	Conventional vs. Organic		Other Foods
Pyriproxyfen	0.1%	Conventional vs. Organic		Other Foods
Tebuconazole	0.1%	Conventional vs. Organic		Other Foods
Pronamide	0.1%	Conventional vs. Organic		Other Foods
Methoxychlor olefin	0.1%	Conventional vs. Organic		Other Foods
Dicofol p,p'	0.1%	Conventional vs. Organic		Other Foods
Permethrin trans	0.1%	Conventional vs. Organic		Other Foods



## Footnotes

1. Tests for any given **food** are often conducted in multiple years. In all cases WhatsOnMyFood shows only the most recent test year. The test results for Apples come from test year 2010.
2. All pesticide residue results on this page and elsewhere on the WhatsOnMyFood website were obtained by the United States Department of Agriculture (USDA) Pesticide Data Program (PDP)
3. Punzi, JS, Lamont, M, Haynes, D, Epstein, RL, USDA Pesticide Data Program: Pesticide Residues on Fresh and Processed Fruit and Vegetables, Grains, Meats, Milk, and Drinking Water, *Outlooks on Pesticide Management*, June, 2005. Available online
4. All toxicological data was either compiled for this site — typically from U.S. EPA reregistration eligibility decisions — or obtained from data compiled for the [PesticideInfo website](#)
5. Includes pesticides that are moderately acutely toxic, highly acutely toxic or chronically toxic to honeybees.
6. The percentage found is for all four of the following combinations combined: domestic or imported, and conventional or organic. To see data broken down into each of these combinations separately, click on "Conventional vs. Organic."
7. A pesticide residue may not be listed as carcinogenic, neurotoxic, hormone-disrupting or as a reproductive or developmental toxicant for either of two reasons: (1) it may have been studied for toxicity in one or more of these categories and the weight of the evidence did not support designating it as toxic, or (2) it may not have been studied.