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5

Monsanto's Best-Selling Herbicide Roundup Linked to Infertility

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[Andre Evans](#)
NaturalSociety
January 21, 2012



A recent study has found that Monsanto's Roundup herbicide may be responsible for causing infertility. After reviewing the many [already well-documented negative impacts Roundup](#) has on the environment and living creatures, it is no surprise to add yet another item to the list.

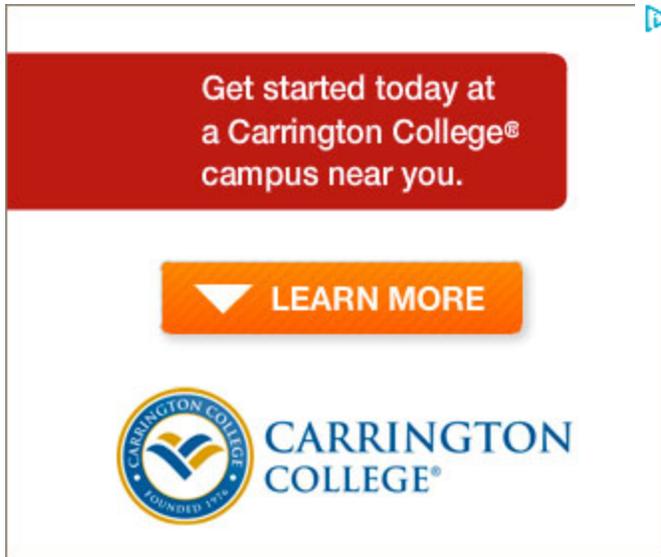
Researchers tested roundup on mature male rats at a concentration range between 1 and 10,000 parts per million (ppm), and found that **within 1 to 48 hours of exposure, testicular cells of the mature rats were either damaged or killed.** [According to the study](#), even at a concentration of 1 ppm, the Roundup was able to affect the test subjects by decreasing their testosterone concentrations by as much as 35%.

How can such small levels of exposure have such a profound effect on the reproductive system? Roundup, being a glyphosate-based herbicide is also known to have [endocrine disrupting properties](#).

Monsanto's Best-Selling Herbicide Roundup Linked to Infertility

Much like [BPA](#), glyphosate-based herbicides have the ability to **interfere with the natural hormonal balance in the human body**, thereby introducing a number of health risks along with even the smallest levels of exposure. These chemicals are strong enough to affect your metabolism, behavior and mood, reproductive organs, and even provoke cancer.

As a result, any plants that are sprayed with roundup carry with them a chemical effect similar to that of other endocrine disruptors, offsetting the hormonal balance and causing adverse effects, despite



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even the smallest levels of exposure. This in part contributes to the number of males with increased fertility issues in more recent times.

It is no surprise that Monsanto, a [company already infamous for a whole slew of dangerous concoctions](#), would also be responsible for affecting another major aspect of human health on a large scale.

Ultimately it is highly important to **avoid any products sprayed with pesticides or herbicides for the many associated health risks – now fertility included**. In addition to avoiding food which has been tarnished by this pesticide, you may also want to consider investing in a water filter. The carcinogenic chemical Roundup contains known as glyphosate

has been [found to be contaminating the groundwater](#) in areas it is being applied in.

Being aware of the hormonal disruptors you face in your daily life such as BPA and now Roundup is a must. Even the smallest levels of exposure can have the large negative effects.

Explore More:

1. [Monsanto's Infertility-Linked Roundup Found in All Urine Samples Tested](#)
2. [Monsanto's Carcinogenic Roundup Herbicide Contaminating Water Supply](#)
3. [USDA: Monsanto's Roundup Herbicide Damages Soil](#)
4. [World's Top Commercial Weed Killer Linked to Infertility: Scientist](#)
5. [Exposure to this Chemical is Linked to Birth Defects](#)
6. [Monsanto's Roundup Spawns Superweeds Consuming Over 120 Million Hectares](#)

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Comments (18)

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1. *Mark* says:
[January 26, 2012 at 1:27 am](#)

Thanks CMike for your comments. Even though we don't write, many of us hear and approve of what you are saying and doing. People can like or hate Monsanto, they shouldn't base their beliefs on distorted information. If you don't read and understand the study then you shouldn't use it to trash anyone or anything. Find other proof.

[Reply](#)

2. *Thomas* says:
[January 25, 2012 at 8:41 pm](#)

Why do we need Monsanto?

[Reply](#)

- *Anonymous* says:
[January 26, 2012 at 2:27 am](#)

we do not

[Reply](#)

3. [DAN SWEET](#) says:
[January 24, 2012 at 6:28 pm](#)

I have sold Round-Up for 20 years. I have sprayed Round-up for 30 years in parking lots, right aways, and landscapes. Follow label directions and everyone will not harm themselves. I tell any customer that had concerns over the years this statement. "Do not drink it. Do not bathe in it" "You will be fine"
I have two smart and healthy children. No problems with me!!

[Reply](#)

- [LloydDobbler2](#) says:
[January 24, 2012 at 10:46 pm](#)

DAN SWEET....The amount of Roundup used over those 30 yrs is a fraction of the way they use it today. You say "Do not drink it. Do not bathe in it....You will be fine", but now they are spraying it on all our food and it gets absorbed into the plants. So you are eating it, especially when eating GMO foods. And even if you THINK you dont eat it, you cannot get away from GMO foods unless you grow and eat 100% of your own food. Most Corn, Cotton seed, Soy are GMO. You go out to eat and these products will be in your food. They have done tests on pregnant mothers, and 99% have traces of this chemical in them. So you have healthy children, Im glad....but will you have healthy grandchildren? hopefully, but thats if it doesnt make your children infertile (as proven)

[Reply](#)

- [DAN SWEET](#) says:
[January 26, 2012 at 8:15 pm](#)

I E-Mailed Monsanto. As a degreed Agronomist I wanted more information. My specialty is Turf grass science. Not row crops. This Round-Up resistant seed is engeneered with a Inoculant component. Simular to humans taking a Polio vacine. My question was. Will the Round-up translocate through the crops vascular system. Then poisoning the food. Monsanto's answer is NO. Let's not get all worked up beacuase genitic engineering and chemicals are involved.

[Reply](#)

4. [Mauro](#) says:
[January 24, 2012 at 8:51 am](#)

Anyone who defends Monsanto should be considered insane, of course they hide must of their studies if not all of them.
Who cares if it is herbicide or not, the main question remains.

<http://pubs.acs.org/doi/abs/10.1021/tx800218n>

[Reply](#)

5. [CMike](#) says:
[January 23, 2012 at 4:24 pm](#)

Could someone please link to the scientific study itself (and not a page which summarizes the study)? From the very first line I was rolling my eyes: Roundup isn't an insecticide, it's a

herbicide. With a scientific study you have to read the methodology in the report to properly understand what is being tested. From the sound of this write-up it sounds like the rats were fed Roundup directly (which is only a human concern for anyone considering taking a drink of Roundup). I don't have any love for Monsanto per se, but let's not let our zealotry in being natural cause us to support junk science.

[Reply](#)

◦ *Anonymous* says:

[January 23, 2012 at 5:57 pm](#)

<http://www.ncbi.nlm.nih.gov/pubmed/22200534>

<http://www.greenmedinfo.com/article/glyphosate-based-herbicide-induces-necrosis-and-apoptosis-mature-rat-testicular-cells-vitro->

[Reply](#)

■ *CMike* says:

[January 23, 2012 at 8:28 pm](#)

1. This is an "in vitro" study; any conclusions from such a study can only be considered an hypothesis for further (in vivo or ex vivo) studies.

2. Even in the abstract it says that "glyphosate and its formulation" was tested directly on rat cells in a test tube. The key part in this phrase is "and it's formulation" which in plain English is "glyphosate and soap" — soap being surfactant which helps the compound stick to vegetation allowing glyphosate to remain present and be ingested by the botanic in question. Unless someone was planing to inject Roundup directly into their testicles, this doesn't seem like a realistic study. Furthermore, the study summary does not indicate whether it's the glyphosate or the surfactant which has the negative effect on the rat testicle cells.

I'm only a computer programmer, not a toxicologist. Nevertheless, I can read English — even in the form of a scientific study — and apply common sense to it. The conclusions y'all are drawing from this don't match what the study seems to actually say. If the science were otherwise the three (and four) letter agencies in DC would be investigating this.

[Reply](#)

■ *Robin Hode* says:

[January 24, 2012 at 4:02 am](#)

"If the science were otherwise the three (and four) letter agencies in DC would be investigating this."

Oh really?

http://www.organicconsumers.org/monsanto/news.cfm#p7APMc1_2

President Obama knows that agribusiness cannot be trusted with the regulatory powers of government. On the campaign trail in 2007, he promised: We'll tell ConAgra that it's not the Department of Agribusiness. It's the Department of Agriculture. We're going to put the people's interests ahead of the special interests.

But, starting with his choice for USDA Secretary, the pro-biotech former governor of Iowa, Tom Vilsack, President Obama has let Monsanto, Dupont and the other pesticide and genetic engineering companies know they'll have plenty of friends and supporters within his administration.

President Obama has taken his team of food and farming leaders directly from the biotech companies and their lobbying, research, and philanthropic arms:

Michael Taylor former Monsanto Vice President, is now the FDA Deputy Commissioner for Foods.

Roger Beachy former director of the Monsanto-funded Danforth Plant Science Center, is now the director of the USDA National Institute of Food and Agriculture.

Islam Siddiqui Islam Siddiqui Vice President of the Monsanto and Dupont-funded pesticide-promoting lobbying group, CropLife, is now the Agriculture Negotiator for the US Trade Representative.

Rajiv Shah former agricultural-development director for the pro-biotech Gates Foundation (a frequent Monsanto partner), served as Obama's USDA Under Secretary for Research Education and Economics and Chief Scientist and is now head of USAID.

Elena Kagan who, as President Obama's Solicitor General, took Monsanto's side against organic farmers in the Roundup Ready alfalfa case, is now on the Supreme Court.

[Reply](#)

- *CMike* says:
[January 24, 2012 at 2:41 pm](#)

Nice reply Robin: ignore the science, focus on political appointments. The whole point of this article was about an alleged scientific study, the results of which are being wildly misinterpreted by people who have an ax to grind against Monsanto. Hate the evil corporation if you want, but don't rely on junk science to make your point.

[Reply](#)

- *Anonymous* says:
[January 24, 2012 at 7:09 pm](#)

Are you sure you're not a computer programmer for Monsanto Muke? Sure sounds like there's some sort of intimate relationship. Just sayin'.

[Reply](#)

- *CMike* says:
[January 24, 2012 at 7:26 pm](#)

I wish — I would probably make a lot more money if I was working for Monsanto (though I would have to move to St. Louis... not a fun city in my opinion)! As for the appearance of an intimate relationship it's called knowing how to use Google, how to read articles on Wikipedia, and how to read scientific literature. Nothing terribly special — you can learn to do this yourself rather quickly.

[Reply](#)

- [LloydDobbler2](#) says:
[January 24, 2012 at 10:53 pm](#)

CMike...why dont you just wake up and realize how harmful it really is. Just look who is to gain in this situation. Monsanto Gain is MASSIVE. The opponents...nothing to gain. Its not Coke vs Pepsi...its stop poisoning our

environment and altering everything along the ways.

Take the blinders off and use some common sense. Why did Monsanto buy Blackwater? An AG business needs a bunch of mercenaries for what? to bully farmers and protestors?

Once again, wake the f@#\$ up!

■ *Robin Hode* says:

[January 25, 2012 at 7:53 pm](#)

Surely you must be smart and aware enough to know that if we are speaking of so-called "western science" that politics and money drive the findings. Ever attend a university? Just ask who funds all the research at land grant (ag/engineering/etc.) universities and you will begin to understand what drives "western science", American politics and their associated oligarchical agenda.

For God's sake man, educate yourself, I did!

[Reply](#)

6. *Bob* says:

[January 22, 2012 at 6:20 pm](#)

hopefully one day whats left of humanity will "roundup" monsanto for crimes against humanity along with wall st , GE, bankers , the chemtrailers and congress. I think its going to be sooner than later imo and webbots are also predicting the demise of our self proclaimed rulers (bankers) this march.It will most likely start in europe and "march" its way around the world as greed takes over and they start to eat eachother pointing fingers while their derivative ponzi scheme explodes in their face.

[Reply](#)

7. *Norman* says:

[January 22, 2012 at 5:05 pm](#)

This is just more of the ongoing poisoning of the American people, that has been in full swing since the end of W.W.II when the Air Force did their fly overs of various population centers, using radio active substances. Cancer rates up, environmental degradation, population control through sterilization, because war doesn't kill enough people like it used too.

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