

HUMAN RIGHTS VIOLATIONS ATTRIBUTABLE TO MONSANTO'S PRODUCTS



Data compiled by members of The Monsanto Tribunal Team, Navdanya, Moms Across America and concerned citizens of the USA.

Introduction

We submit that Monsanto, first and foremost a chemical company, is mistaken in thinking it is its job to “Feed the World”. Monsanto’s job is to make sure the chemicals they sell are safe and effective. Or, to redirect it’s resources to business which does not include using toxic chemicals which can harm humans, wildlife, livestock, soil and the water supply. Monsanto has a responsibility to maintain its commitment to product safety and integrity by forming a committee to investigate if human rights violations have occurred due to their products and business practices.

Millions of people worldwide are working to reclaim their basic right of seed freedom, to protect human health and rights, and to promote poison-free organic farming and agroecology. We call upon Monsanto Company to ensure that their globally acknowledged human rights violations cease and desist.

Monsanto's Crimes Against Humanity

1. Crimes against **plant** biodiversity, integrity and intrinsic worth of species by defining seeds and plants as their novel invention. Crimes against **animal** species and biodiversity.
2. Crimes against biodiversity of **pollinators** – 75 % bees gone because of industrial agriculture and have become endangered species.
3. Crimes against the **Soil** – Destruction and sterilization of soil fertility, bioavailability and desertification.
4. Crimes against **farmers** – Over 300,000 farmers from India alone have committed suicide because of the failure of Monsanto's products which led to disastrous debt.
5. **Propaganda and Lies:** Monsanto has spread intentionally faulty science and lies to attempt to misguide the public and cover up their crimes.
6. **Attack on Scientists** – They have aggressively attacked independent scientist like Dr. Eric Seralini and Dr. Arpad Pusztai et al who have stood for real science and independent research.
7. **Attack on Democracy** – Monsanto has repeatedly attacked antitrust bodies, legislatures, judiciary and entire governments and government welfare institutions where their products are rejected or restricted, with lawsuits and political pressure.
8. **Right to Know:** They have lobbied to deny Americans the right to know what goes into our food, while other countries are fully informed.
9. **Attack on biosafety and Convention on Biological Diversity** - Monsanto products have caused irreversible genetic contamination and pollution which blatantly thwarts the CBD's standards of biosafety regulation.
10. **Crimes against the Earth** – Monsanto and chemical companies are some of the biggest contributors to climate change. Their chemicals lead to loss of carbon sequestration in the soil and water retention. Polluted oceans leads to algal blooms, temperature changes in the water, and changes to climate.
11. **Crimes against Humanity**- Humans are being forced to consume Monsanto's harmful products through contaminated food, breastmilk and beverages and are exposed by drift, rain, vaccines, and tap water. Health issues now impact 1 out of 2 of our most vulnerable babies, and children. Scientific studies on glyphosate herbicides and Monsanto's products on animals, bacteria and cells explain the harm that is skyrocketing in our children and families.

Sources

- <http://peoplesassembly.net/peoples-assembly-verdict/>
- <http://www.monsanto-tribunal.org/Conclusions>
- http://www.monsanto-tribunal.org/main.php?obj_id=159498052
- <https://www.navdanyainternational.it/en/news-navdanya-international/386-monsanto-tribunal-s-legal-opinion>

Plant and Animal

Exhibit 1-A

Glyphosate toxicosis in domestic animals: a survey from the data of the Centre National d'Informations Toxicologiques Veterinaires (CNITV).

<https://www.ncbi.nlm.nih.gov/pubmed/9830700>

Exhibit 1-B

Direct determination of glyphosate and its major metabolite, aminomethylphosphonic acid, in fruits and vegetables by mixed-mode hydrophilic interaction/weak anion-exchange liquid chromatography coupled with electrospray tandem mass spectrometry.

<https://www.ncbi.nlm.nih.gov/pubmed/23261284>

Exhibit 1-C

Glyphosate applied to GR soybean, regardless of cultivar, negatively impacts the complex interactions of microbial groups, biochemical activity and root growth that can have subsequent detrimental effects on plant growth and productivity."

<https://www.ncbi.nlm.nih.gov/pubmed/20880215>

Exhibit 1-D

Sublethal effects of waterborne herbicides in tropical freshwater fish.

<https://www.ncbi.nlm.nih.gov/pubmed/21984662>

Exhibit 1-E

Both the general health condition and reproductive success of *J. multidenatata* (fish) could be seriously affected by Roundup.

<https://www.ncbi.nlm.nih.gov/pubmed/21643816>

Exhibit 1-F

Endocrine and toxic effects of Roundup, not just glyphosate, can be observed in mammals, and Roundup adjuvants enhance glyphosate bioavailability and/or bioaccumulation.

<https://www.ncbi.nlm.nih.gov/pubmed/15929894>

Exhibit 1-G

Glyphosate and 2,4-D demonstrated severe effects on the development and reproduction of earthworms.

<https://www.ncbi.nlm.nih.gov/pubmed/20658223>

Exhibit 1-H

Glyphosate and Roundup toxicity to aquatic invertebrates have been underestimated and that current European Commission and US EPA toxicity classification of these chemicals need to be revised.

<https://www.ncbi.nlm.nih.gov/pubmed/23224423>

Exhibit 1-I

Roundup herbicide exhibits significant acute and chronic toxicity to freshwater mussels.

<https://www.ncbi.nlm.nih.gov/pubmed/17867870>

Exhibit 1-J

Roundup herbicide may contribute to widespread amphibian declines due to its significant toxicity on tadpoles.

<https://www.ncbi.nlm.nih.gov/pubmed/20541298>

Exhibit 1-K

The herbicide glyphosate (and its metabolite) was found in all plant species tested.

<https://www.ncbi.nlm.nih.gov/pubmed/18298069>

Pollinators

Exhibit 2-A

Study Blames Roundup for Monarch Butterfly Deaths

<https://www.courthousenews.com/study-blames-roundup-monarch-butterfly-deaths/>

Exhibit 2-B

Effects of field-realistic doses of glyphosate on honeybee appetitive behaviour.

<https://www.ncbi.nlm.nih.gov/pubmed/25063858>

Exhibit 2-C

Violations of a range of Mayan people's rights in the state of Campeche: labour law rights due the effect on beekeeping; the right to a healthy environment; the right to free, prior and informed consent

http://www.monsanto-tribunal.org/upload/asset_cache/485496771.pdf?rnd=vPZwrC

Exhibit 2-D

Effects of a Possible Pollinator Crisis on Food Crop Production in Brazil

<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0167292>

Exhibit 2-E

Bees face 'unprecedented' pesticide exposures at home and afield

<https://www.sciencenews.org/blog/science-public/bees-face-unprecedented-pesticide-exposures-home-and-afield>

Soil

Exhibit 3-A

Supreme Court affirms Monsanto pollution settlement in Nitro. The West Virginia Supreme Court voted 4-1 to affirm a January ruling in which Circuit Judge Derek Swope approved the class-action settlement aimed at resolving longstanding allegations that Monsanto contaminated Nitro with toxic pollution from the production of the defoliant Agent Orange.

https://www.wvgazettemail.com/news/special_reports/supreme-court-affirms-monsanto-pollution-settlement-in-nitro/article_fc396ec8-c513-5da4-9cea-ddce214425a0.html

Exhibit 3-B

Changes in the dissipation or distribution of glyphosate following repeated applications of glyphosate may be related to shifts in the soil microbial community composition.

<https://www.ncbi.nlm.nih.gov/pubmed/19697445>

Exhibit 3-C

Glyphosate and AMPA exhibited high vertical mobility in the treated soil, quickly reaching high concentrations in subsurface horizons where the degradation is slower."

<https://www.ncbi.nlm.nih.gov/pubmed/11346036>

Exhibit 3-D

Glyphosate alters the pH of soil and subsequently the microflora populations.

<https://www.ncbi.nlm.nih.gov/pubmed/17915782>

Farmers

Exhibit 4-A

May of 2014, Argentina- 20,000 young men died of liver and kidney disease who worked in sugar fields sprayed with glyphosate herbicides. Subsequently, 30,00 doctors petitioned the government to ban glyphosate.

http://www.i-sis.org.uk/Devastating_Impacts_of_Glyphosate_Argentina.php

Exhibit 4-B

Mysterious Kidney Disease Slays Farmworkers In Central America

<https://www.npr.org/sections/health-shots/2014/04/30/306907097/mysterious-kidney-disease-slays-farmworkers-in-central-america>

Exhibit 4-C

The pesticide glyphosate is used worldwide, also on soybean and cotton plantations in Argentina. It's causing more cases of cancer, miscarriage and deformation there.

<http://www.dw.com/en/increasing-number-of-deaths-due-to-glyphosate/a-19183357>

Exhibit 4-D

Class action in the Eastern Federal District of Missouri brought by a group of Arkansas farmers who planted older varieties of cotton and soybeans and experienced drift damage in the Midwest and South due to dicamba application on new Monsanto varieties of cotton and soybeans

https://www.justicepesticides.org/en/juridic_case/smokey-alley-farm-pship-v-monsanto-co/

Exhibit 4-E

Southern District of Illinois defendants accuse Monsanto of deceptively marketed their latest dicamba formulations as "low-volatility" herbicides that would not be as prone to off-target movement. As a result, significant damage was done to millions of acres of American crops, including hundreds of acres of Mr. Warren's crops.

https://www.justicepesticides.org/en/juridic_case/warren-v-monsanto-basf-dupont-pioneer/

Exhibit 4-F

April 17, 2017, Jerry LaVern Plagge, a farmer in Iowa, has used Roundup since 1974 until his death due to non-Hodgkin's lymphoma in April 2015. His wife, Jeanne Plagge, filed a complaint and asked for a jury.

https://www.justicepesticides.org/en/juridic_case/estate-of-jerry-plagge-v-monsanto-company

Exhibit 4-G

Mr. Cochran was exposed to Roundup in his corn and bean fields between 2003 and 2012. He was diagnosed with mantle cell lymphoma in February 2012 and died in July 2016.

https://www.justicepesticides.org/en/juridic_case/the-estate-of-robert-cochran-v-monsanto-company/

Exhibit 4-H

Mr. Prince, a farmer with non-Hodgkin's lymphoma after using Roundup for years, is suing Monsanto for failing to warn him of the cancer risk of using his product. He sprayed Roundup in the fields from 1976 to 1990 for about 90 days a year, scrupulously following the warnings and precautions for use.

https://www.justicepesticides.org/en/juridic_case/william-m-prince-v-monsanto/

Exhibit 4-I

Many legal complaints against Monsanto from pesticides (Roundup) users that have been diagnosed with non-Hodgkin's lymphomas have been regrouped at the Northern District of California District Court under Judge Vince Chhabria.

https://www.justicepesticides.org/en/juridic_case/roundup-products-liability-litigation/

Exhibit 4-J

June 14, 2017, A group of Arkansas farmers have filed a class-action lawsuit against the makers of the herbicide dicamba that they blame for damaging their crops

https://www.justicepesticides.org/en/juridic_case/arkansas-farmers-v-monsanto-basf/

Exhibit 4-K

7.7.2017, Court of Cassation decides on the case where Monsanto is sued for intoxication and chronic illness due to an inadequate labeling of the Lasso herbicide

https://www.justicepesticides.org/en/juridic_case/paul-francois-v-monsanto/

Exhibit 4-L

Monsanto monopolizes 95% of Bt cotton seed in India then raises prices which lead to more than 250,000 suicides to escape debt.

http://www.monsanto-tribunal.org/upload/asset_cache/68338660.pdf?rnd=eudnSc

Exhibit 4-M

2,4-Dichlorophenoxyacetic acid (2,4-D)-resistant crops and the potential for evolution of 2,4-D-resistant weeds, which leads to causing hardship and loss of revenue for farmers.

<https://www.ncbi.nlm.nih.gov/pubmed/21372267>

Deception

Exhibit 5-A

The case claims that ANSES marketing authorization for Roundup 720 is unlawful because of a lack of evaluation, an infringement of EU law and irregular labeling.

https://www.justicepesticides.org/en/juridic_case/crigen-v-anses-2/

Exhibit 5-B

Misleading advertising by Monsanto and Scotts France citing the herbicide as "biodegradable" and leaving "clean soil" Decision: The Court held that Monsanto had lied about the safety of Roundup in its advertising. The defendants have been fined € 15,000 for misleading advertising

https://www.justicepesticides.org/en/juridic_case/eaux-rivieres-de-bretagne-and-consommation-logement-et-cadre-de-vie-v-monsanto-and-scotts-france/

Exhibit 5-C

November 1, 1996, False advertising by Monsanto regarding the safety of Roundup herbicide (Glyphosate) Decision: Monsanto accepts to stop using the controversial words in its advertising in New York State but says that it disagrees with the General Advocate's conclusions. It accepts the assurance of discontinuance in order to reach a reasonable agreement.

https://www.justicepesticides.org/en/juridic_case/nyag-v-monsanto/

Exhibit 5-D

05.24.2017, referral to the CJEU on the non-disclosure by the EFSA of the studies on which it relied to conclude that glyphosate was not carcinogenic to humans, contrary to the conclusions of the WHO's International Agency for Research on Cancer (IARC). The plaintiffs seek to obtain legal clarity on the information that should be made public and on what should legitimately be considered as business confidential information. Aarhus Convention.

https://www.justicepesticides.org/en/juridic_case/hautala-and-others-v-efsa/

Exhibit 5-E

6.20.2017, lawsuit is filed about the unlawful promotion, marketing, and sale of various Roundup Products, with the false statement that Roundup's active ingredient, glyphosate, targets an enzyme that is not found "in people or pets." These false statements deceived Plaintiffs and all Class Members who would have acted differently had they known the omitted material information omitted.

https://www.justicepesticides.org/en/juridic_case/blitz-v-monsanto/

Attack on Scientists

Exhibit 6-A

Arpad Puzstai attacked

<https://wakeup-world.com/2014/05/12/scientists-under-attack-arpad-pusztai-a-gmo-whistle-blowing-hero/>

Exhibit 6-B

Monsanto loses, Seralini wins defamation forgery case against chemical company

<https://www.gmoseralini.org/seralinis-team-wins-defamation-and-forgery-court-cases-on-gmo-and-pesticide-research/>

Attack on Democracy

Exhibit 7-A

Monsanto ensures former employees are in regulatory agencies in US government

<https://www.globalresearch.ca/monsanto-controls-both-the-white-house-and-the-us-congress/5336422>

Exhibit 7-B

Monsanto interferes with regulatory process and sues CA EPA over glyphosate warnings

10.3.2017, Monsanto has alleged that the OEHHA's decision to list glyphosate on the Proposition 65 list of chemicals that are known to the state to cause cancer is unconstitutional as applied to glyphosate, and has attempted to challenge the Labor Code listing mechanism as unconstitutional on its face.

https://www.justicepesticides.org/en/juridic_case/monsanto-co-v-office-of-environmental-health-hazard-assessment/

Exhibit 7-C

Monsanto sues Arkansas over Dicamba regulation

https://www.justicepesticides.org/en/juridic_case/monsanto-co-v-arkansas-state-plant-board-et-al/

Exhibit 7-D

Monsanto challenged India's High Court of Delhi over seed price regulations.

<http://seedfreedom.info/monsanto-vs-indian-farmers/>

Right to Know

Exhibit 8-A

Grocery Manufacturers Association (GMA) of which Monsanto is a member, spends 101 million to prevent Americans from being informed of the presence of genetically modified ingredients in their foods.

<https://www.ewg.org/research/lobbying-anti-labeling-groups-tops-100m>

Exhibit 8-B

Monsanto sues the State of California from mandating cancer warnings concerning the herbicide glyphosate on a wide variety of food, agricultural, industrial, and lawn and garden products.

https://www.justicepesticides.org/en/juridic_case/national-association-of-wheat-growers-et-al-v-oehta-et-al/

Contamination

Exhibit 9-A

Lawsuit by resident of Ontario asking the Minister to conduct a special review of the pesticide sprayed glyphosate by air on forests near his place of residence for risks to the environment and health posed Monsanto's product.

https://www.justicepesticides.org/en/juridic_case/josette-wier-v-health-minister/

Exhibit 9-B

Roundup exposure may adversely affect human reproduction and fetal development in case of contamination.

<https://www.ncbi.nlm.nih.gov/pubmed/17486286>

Exhibit 9-C

Glyphosate and pendimethalin could potentially be present in high concentrations ($>0.1 \mu\text{g L}^{-1}$) in both water originating from the drainage system and the shallow groundwater located at the depth of the drainage system.

<https://www.ncbi.nlm.nih.gov/pubmed/21481435>

Exhibit 9-D

Scotts, partner of Monsanto, sued for GMO Roundup-Ready bentgrass escaping from field test sites in central Oregon and established itself in the wild. Bentgrass was also found growing in nearby southern Oregon.

http://www.nytimes.com/2011/07/07/business/energy-environment/cries-of-lax-regulation-after-usda-ruling-on-bluegrass.html?_r=2&

Earth & Climate Change

Exhibit 10-A

Atmospheric PCDD/F concentration and source apportionment in typical rural, Agent Orange hotspots, and industrial areas in Vietnam.

<https://www.ncbi.nlm.nih.gov/pubmed/28527418>

Exhibit 10-B

Dissipation of glyphosate and aminomethylphosphonic acid in water and sediment of two Canadian prairie wetlands.

<https://www.ncbi.nlm.nih.gov/pubmed/22560025>

Exhibit 10-C

Fate and transport of glyphosate and aminomethylphosphonic acid in surface waters of agricultural basins."

<https://www.ncbi.nlm.nih.gov/pubmed/21681915>

Exhibit 10-D

Transport and attenuation of dissolved glyphosate and AMPA in a stormwater wetland.

<https://www.ncbi.nlm.nih.gov/pubmed/21984662>

Exhibit 10-E

Glyphosate has the potential to contribute to groundwater contamination.

<https://www.ncbi.nlm.nih.gov/pubmed/2117496>

Exhibit 10-F

Glyphosate may take longer to biodegrade in northern ecosystems.

<https://www.ncbi.nlm.nih.gov/pubmed/22677798>

Humanity

Exhibit 11-A

Sri Lanka Joins El Salvador in Banning Herbicide Roundup Linked to Fatal Chronic Kidney Disease

<http://www.seattleorganicrestaurants.com/vegan-whole-food/Sri-Lanka-joins-El-Salvador-in-banning-herbicide-Roundup-linked-to-fatal-chronic-kidney-disease.php>

Exhibit 11-B

Weed-Whacking Herbicide Proves Deadly to Human Cells

<https://www.scientificamerican.com/article/weed-whacking-herbicide-p/>

Exhibit 11-C

Glyphosate, pathways to modern diseases II: Celiac sprue and gluten intolerance

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3945755/>

Exhibit 11-D

Multiomics reveal non-alcoholic fatty liver disease in rats following chronic exposure to an ultra-low dose of Roundup herbicide

<https://www.nature.com/articles/srep39328>

Exhibit 11-E

New Study: Huge Increase in US Chronic Diseases Linked to Glyphosate Herbicides

<https://sustainablepulse.com/2014/11/07/new-study-huge-increase-us-chronic-diseases-linked-glyphosate-herbicides/>

Exhibit 11-F

3.5 billion plus gallons of Monsanto's glyphosate herbicide has been used in the United States alone since its introduction in 1974. Worldwide use of glyphosate is rising fast, in spite of very legitimate concerns that the chemical is causing widespread health problems including liver disease and even cancer in humans.

<http://www.wakingtimes.com/2017/06/16/monsantos-glyphosate-linked-death-oceans-coral-reefs/>

Exhibit 11-G

Victim of crop spraying in Argentina describes exponentially increasing chronic and acute diseases in the population, such as cancer, leukaemia, malformations, infertility, miscarriages, allergies, dermatitis, etc., as a result of direct or indirect exposure to Monsanto's chemicals Juan Ignacio PEREYRA (EN)

http://www.monsanto-tribunal.org/upload/asset_cache/404238909.pdf?rnd=4ejCj0

Exhibit 11-H

Parkinson's Disease: Caused by Glyphosate (Monsanto) and/or Trichloroethylene?

<https://oradix.com/health/parkinson-s-disease-caused-by-glyphosate-monsanto-and-or-trichloroethylene>

Exhibit 11-I

Monsanto Faces Hundreds of New Cancer Lawsuits as Debate Over Glyphosate Rages On

<https://www.ecowatch.com/monsanto-lawsuits-roundup-cancer-2324693930.html>

Exhibit 11-J

Glyphosate induced cell death through apoptotic and autophagic mechanisms

<https://www.sciencedirect.com/science/article/pii/S0892036212000438>

Exhibit 11-K

A step further toward glyphosate-induced epidermal cell death: Involvement of mitochondrial and oxidative mechanisms

<https://www.sciencedirect.com/science/article/pii/S1382668912000300>

Exhibit 11-L

Herbicide (Roundup) pneumonitis.

<https://www.ncbi.nlm.nih.gov/pubmed/9872216>

Exhibit 11-M

Clinical impact of upper gastrointestinal tract injuries in glyphosate-surfactant oral intoxication.

<https://www.ncbi.nlm.nih.gov/pubmed/10462358>

Exhibit 11-N

Clinical impact of upper gastrointestinal tract injuries in glyphosate-surfactant oral intoxication.

<https://www.ncbi.nlm.nih.gov/pubmed/10462358>

Exhibit 11-O

Reporte de dos casos de intoxicaciones letales con glifosato registradas en la provincia de Santa Fe.

<http://www.sertox.com.ar/modules.php?name=Content&pa=showpage&pid=228#chapid491>

Exhibit 11-P

Cancer incidence among glyphosate-exposed pesticide applicators in the Agricultural Health Study.

<https://www.ncbi.nlm.nih.gov/pubmed/15626647>

Exhibit 11-Q

Time- and dose-dependent effects of roundup on human embryonic and placental cells.

<https://www.ncbi.nlm.nih.gov/pubmed/17486286>

Exhibit 11-R

Pesticide-associated pemphigus vulgaris.

<https://www.ncbi.nlm.nih.gov/pubmed/18712024>

Exhibit 11-S

Erythema multiforme-like eruption due to an irritant contact dermatitis from a glyphosate pesticide

<http://onlinelibrary.wiley.com/doi/10.1111/j.1600-0536.2007.01307.x/abstract>

Exhibit 11-T

Acute pancreatitis caused by severe glyphosate-surfactant oral intoxication.

<https://www.ncbi.nlm.nih.gov/pubmed/18358975>

Exhibit 11-U

DNA damage in workers occupationally exposed to pesticide mixtures.

<https://www.ncbi.nlm.nih.gov/pubmed/18636400>

Exhibit 11-V

The epidemiology of glyphosate-surfactant herbicide poisoning in Taiwan, 1986-2007: a poison center study.

<https://www.ncbi.nlm.nih.gov/pubmed/19640238>

Exhibit 11-W

The Agent Orange Settlement Fund was created by the resolution of the Agent Orange Product Liability Litigation - a class action lawsuit brought by Vietnam Veterans and their families regarding injuries allegedly incurred as a result of the exposure of Vietnam Veterans to chemical herbicides used during the Vietnam war. The suit was brought against the major manufacturers of these herbicides. The class action case was settled out-of-court in 1984 for \$180 million dollars, reportedly the largest settlement of its kind at that time.

https://www.benefits.va.gov/compensation/claims-postservice-agent_orange-settlement-settlementFund.asp

Exhibit 11-X

U.S. Army Chemical Corps Veterans, VA researchers found an association between both hypertension risk and exposure to herbicides, and hypertension risk and military service in Vietnam.

<https://www.publichealth.va.gov/epidemiology/studies/vietnam-army-chemical-corps.asp>

Exhibit 11-Y

Dr Nguyen Viet Nhan reports children in Agent Orange sprayed areas are more than three times as likely to have cleft palates, to be mentally retarded, to have extra fingers or toes, and early eight times as likely to suffer hernias

<http://news.bbc.co.uk/2/hi/health/227467.stm>

Exhibit 11-Z

The association of selected cancers with service in the US military in Vietnam. I. Non-Hodgkin's lymphoma. The Selected Cancers Cooperative Study Group.

<https://www.ncbi.nlm.nih.gov/pubmed/2244764>

Exhibit 11-AA

Spermatogenesis disruption by dioxins: Epigenetic reprogramming and windows of susceptibility.

<https://www.ncbi.nlm.nih.gov/pubmed/28286111>

Exhibit 11-BB

Mother [Maria Liz ROBLEDO](#) and child poisoned by Monsanto's chemicals in Argentina

http://www.monsanto-tribunal.org/upload/asset_cache/689720468.pdf

Exhibit 11-CC

Acute poisoning with glyphosate-containing herbicides is approximately 7.7% from the available studies.

<https://www.ncbi.nlm.nih.gov/pubmed/20136481>

Exhibit 11-DD

Genotoxicity of AMPA, the environmental metabolite of glyphosate, assessed by the Comet assay and cytogenetic tests.

<https://www.ncbi.nlm.nih.gov/pubmed/19013644>

In Closing:

The recent UN's [Report of the Special Rapporteur on the right to food](#), Hilal Elver, provides a clear account on the **negative effects of global pesticide use in agriculture and its impact on human rights**. Last September, the **International Criminal Court** declared it would prioritize crimes that result in the “destruction of the environment”, “exploitation of natural resources” and the “illegal dispossession” of land and that it would now take many crimes that have been traditionally under-prosecuted into consideration. The ICC , though not formally extending its jurisdiction, [will assess existing offences](#), such as crimes against humanity, in a broader context.

[The Monsanto Tribunal of international judges](#) [presented in The Hague their legal opinion](#) after **6 months of analysing the testimonies of more than 30 witnesses, lawyers and experts**.

Their [conclusions](#) are that Monsanto's practices undermine basic human rights and the right to a healthy environment, the right to food, the right to health, it calls for better protective regulations for victims of multinational corporations and concludes that International law should clearly assert the protection of the environment and 'ecocide' as a crime.

http://www.monsanto-tribunal.org/main.php?obj_id=159498052