

# Stop the Reproductive Crisis

## America's Future is Threatened by Endocrine-Disrupting Chemicals that are covered by pesticide immunity shield law proposals

*The current fertility rate in America is less than the replacement rate of 2.1 – the number of children each woman needs to birth to prevent a decline in the U.S. population.*

**Moms Across America requests that our elected officials support a ban on these 86 pesticides, which have already been banned in China, Europe, and other countries.**

**78% of these pesticides have side effects that can and do lead to reproductive damage. The remaining 22% may have such effects, but have not been sufficiently tested to make a determination.**

**85.7% of the companies that produce glyphosate are Chinese.**

#	Pesticide	Impact: red = reproductive damage - The top 5 are the highest priority for removal from our American food supply. Blue = carcinogenic
1	2,4-D	Inflammation, <b>birth defects</b> , muscular, excretory, ocular, digestive, liver, kidney, nervous, and cardiovascular system damage. Hypolipidemia, asthma symptoms and breathing difficulties
2	Atrazine	heart, lungs, and kidneys, low blood pressure, muscle spasms, weight loss, damage to the adrenal glands, cardiovascular damage, retinal degeneration, muscle degeneration, and cancer, <b>causes changes in reproductive organs in frogs, male to hermaphrodites, asexual or homosexual, birth defects, low birth weight and menstrual problems</b>
3	Dicamba	vomiting; bradycardia; shortness of breath; cyanosis; depression; muscular weakness; mild skin, eye, gastrointestinal, and respiratory tract irritation; and death. Harmful to the respiratory tract and the central nervous system, affecting the heart. Also a potential <b>endocrine disruptor</b> based on strong evidence in aquatic species, rodent developmental studies, and human epidemiology—particularly affecting <b>reproduction and thyroid function</b>
4	Glyphosate	eye or skin irritation, increased saliva, burns in the mouth and throat, nausea, vomiting, and diarrhea. <b>Carcinogenic, endocrine-disrupting, increased risk of miscarriage and pre-term births, thyroid, liver, and kidney damage, and diminished ovarian function</b>
5	Paraquat	nausea, abdominal pain, vomiting, diarrhea that may be bloody, confusion, muscle weakness, seizures, respiratory failure and difficulty breathing, fast heart rate, coma, acute kidney failure, liver failure, lung scarring, pulmonary edema, and respiratory failure, linked to Parkinson's. Decreased sperm count and quality
6	Acephate	gastrointestinal, neurological, respiratory, or dermal symptoms include nausea, diarrhea, abdominal cramps, tremors, tachycardia, sweating, disorientation, coughing, wheezing, congestion, and pneumonia. Skin irritation and reactions such as swelling, hives, redness, and rashes have also been reported. <b>Reduced sperm count and quality</b>
7	2,4-DB	eye irritation, dermal irritation, <b>EPA-designated reproductive toxin</b>
8	Acetochlor	drowsiness, agitation, weakness, dizziness. <b>Impairs male reproduction</b> , headache, gastrointestinal irritation, nausea, vomiting, abdominal pain, diarrhea, hypersecretion, sweating, muscle twitching, tachycardia, hyperthermia, and hypokalemia.
9	Acifluorfen	<b>acute toxicity, oral, Serious eye damage/eye irritation, Skin corrosion/irritation</b>

10	Aluminum Phosphide	Causes nausea, vomiting, abdominal pain, pulmonary edema, cyanosis, shock, arrhythmias, alters sensorium, <b>and ROS-mediated sperm/testicular damage in rats.</b>
11	Ametryn	nausea, vomiting, diarrhea, muscle weakness, and salivation, a <b>decrease in sperm count</b>
12	Asulam	causes serious eye irritation, irritating to mucous membranes, confirmed <b>endocrine disrupting in mammals</b> ; inhibits TPO, causes <b>thyroid hypertrophy</b>
13	Bensulide	nausea, dizziness, confusion, respiratory paralysis, and death, liver and kidney damage. <b>Reduced sperm count and quality</b>
14	Bifenthrin	sore throat, nausea, abdominal pain, and vomiting, skin tingling or eye irritation, <b>reduced sperm function</b>
15	Bromacil	irritating to the skin, eyes and respiratory tract, and possibly the <b>thyroid gland</b>
16	Butralin	Irritating to the eyes, the respiratory system, and skin - <b>insufficient data</b> to determine EDC capabilities
17	Carbaryl	headache, muscle weakness, nausea, stomach cramps, sweating, and restlessness, <b>Prop-65 listed reproductive toxicant, adversely affects fertility</b>
18	Chloropicrin	eye irritation, nose, throat, and upper respiratory irritation, nausea, vomiting - insufficient data - reproductive hazards haven't been studied
19	Chlorpyrifos**	runny nose, tears, and increased saliva or drooling, sweat, and develop headache, nausea, and dizziness.vomiting, abdominal muscle cramps, muscle twitching, tremors and weakness, and loss of coordination, diarrhea or blurred or darkened vision, loss of bladder and bowel control, convulsions, difficulty in breathing, and paralysis. Neurotoxicity and <b>impaired sperm development</b>
20	Chlorpropham	Headache, salivation, nausea, vomiting, abdominal pain, diarrhea, hypotension, collapse, and convulsions. Increasing muscle weakness, fatigue, muscle cramps, fasciculation, and paralysis. <b>Thyroid impacts</b> that warrant further mechanistic studies.
21	Chlorsulfuron	irritation to the eyes and skin, <b>EPA-designated reproductive toxin</b>
22	Clothianidin	developmental or neurological, anencephaly, autism spectrum disorder, memory loss and finger tremor. <b>Reduced the weights of reproductive organs and semen quality</b>
23	Cyanamide	nausea and vomiting, headache, dermatitis, erythema, respiratory tract, can interfere with <b>thyroid function</b> , and it's officially recognized as an endocrine-disrupting chemical
24	Cycloate	eye and dermal irritation, <b>EPA-designated reproductive toxin</b>
25	DCPA (Chlorthal-dimethyl)	cancer, <b>birth defects</b> , thymus gland, and liver damage, immune system, <b>reproductive failure</b> , skin damage, and weight loss
26	Diazinon	watery eyes, runny nose, drooling, loss of appetite, coughing, urination, diarrhea, stomach pain, and vomiting, head and body tremors, muscle spasms or stiffness, muscle weakness or paralysis, rapid heart rate, difficulty breathing, seizures, convulsions, or coma. <b>reducing sperm quality, diminishing hormonal concentrations, inducing increased oxidative stress, and provoking histopathological damage in reproductive organs</b>
27	Dichlobenil	skin and eyes irritated, lungs, dizziness, headache, and seizures, <b>reproductive toxicity</b> based on general systemic effects
28	Dichloropropene (1,3-D)	liver, kidney, lung, gastrointestinal tract, mucous membranes, eye, nose, and throat irritation, nausea, vomiting, headache, and chest discomfort. Contact dermatitis, <b>shown to affect both the thyroid and reproductive/endocrine systems in animal studies, particularly at higher exposure levels.</b>
29	Dicloran	stomach pain, constipation, loose and watery stools, indigestion, gas, nausea, Increases in liver and <b>thyroid weights</b>
30	Dicrotophos	blurred vision, headache, dizziness, muscle spasms, and profound weakness. Vomiting, diarrhea, abdominal pain, seizures, and coma, low blood pressure, dyspnea, and shortness of breath. <b>Reduced sperm count and quality</b>
31	Dimethenamid	skin and eye irritant, and a skin sensitizer, <b>reduced semen quality</b>
32	Diquat	headache, dizziness, and trouble breathing. EPA-designated <b>reproductive toxin</b>

33	EPTC	salivation, nausea, vomiting, anorexia, diarrhea, and abdominal pain, Chest pain, low blood pressure, pulmonary edema, respiratory depression, and respiratory paralysis. <b>Reduced sperm count and quantity</b>
34	Ethoprophos (Ethoprop)	<b>may cause birth defects or other reproductive harm</b>
35	Fenazaquin	irritation of skin and eyes, numbness, headache, dizziness, nausea, vomiting, diarrhea, fatigue, in Severe cases include fluid in the lungs and muscle twitching, Seizures. <b>testicular damage and apoptosis</b>
36	Fenpropathrin	severe headaches, nausea, vomiting, and epigastric pain. <b>impairment of spermatogenesis</b>
37	Fentin hydroxide	irritant for skin and eyes - <b>insufficient data</b> on reproductive or thyroid effects
38	Flumetsulam	Health impacts are not expected from exposure to fluridone - <b>insufficient data</b> on reproductive or thyroid effects
39	Fluridone	skin, eye, and respiratory Irritations - <b>insufficient data</b> on reproductive or thyroid effects
40	Fomesafen	irritated skin and eyes, and nausea, headache, or weakness- <b>insufficient data</b> on reproductive or thyroid effects
41	Fosamine	<b>skin and eye irritant, respiratory effects, gastrointestinal distress, nausea, vomiting - insufficient data on reproductive or thyroid effects</b>
42	Hexazinone	lacrimation, salivation, vomiting, tremors/ataxia/weakness, diarrhea, and increased rates of respiration and/or labored breathing - <b>insufficient data</b> on reproductive or thyroid effects
43	Hydramethylnon	<b>EPA-designated reproductive toxicant</b>
44	Imazapyr	metabolic acidosis, hypotension, leukocytosis, fever, mild elevation of hepatic transaminase and creatinine, unconjugated hyperbilirubinemia, oral ulceration, pharyngolaryngitis, chemical burns of the cornea, and vomiting - <b>insufficient data</b> on reproductive or thyroid effects
45	Imazethapyr	irritant for the respiratory tract, skin, and eyes, can modestly increase <b>hypothyroidism</b> risk in humans
46	Imidacloprid	lethargy, vomiting, diarrhea, and muscle weakness, dizziness, drowsiness, disorientation, coma, paroxysmal atrial fibrillation, hypokalemia, <b>central nervous system depression, and respiratory arrest, DNA damage in testes and reduced testes weight</b>
47	Iprodione	Irritate the eyes and skin, Nausea, vomiting, abdominal pain, loss of coordination, and Upper respiratory tract irritation. Reduced sperm quality and reproductive effects
48	Lactofen	skin irritation including reddening, swelling, and possibly corrosive burns, and permanent damage to the eyes, <b>maternal toxicity, embryonic death, smaller litters, reproductive toxicity</b>
49	Linuron	<b>EPA-designated reproductive toxin burns to skin, eyes, and lungs, dizziness, possible human carcinogen, affects the male reproductive system, reduced anogenital distance, retained nipples, and even penile malformations, malformations of the epididymis and testicular tumors and mid and late pregnancy</b>
50	Metalaxyl	<b>heightens thyroid cancer risk, associated with sleep disorders-thyroid dysfunction also leads to reproductive complications</b>
51	Methomyl	<b>decreased the fertility index, weight of testes and accessory male sexual glands, serum testosterone level and sperm motility and count, but increased sperm cell abnormality.</b>
52	Metolachlor	<b>changes in reproductive endocrinology</b>
53	Metsulfuron-Methyl	May cause skin and eye irritation, possible mild systemic effects like nausea and vomiting with ingestion. <b>insufficient data</b> on reproductive or thyroid effects
54	MSMA	Skin and eye irritant, linked to peripheral neuropathy- <b>no studies</b> conducted on reproductive effects
55	Naled	<b>EPA-designated reproductive toxicant, Reduced sperm count and quality</b>
56	Norflurazon	<b>inhibits fetal implantation</b>
57	Orthosulfamuron	thyroid, skin and eye irritation, liver and kidney, <b>neurotoxic and be a reproduction/development toxicant</b>
58	Oxamyl	nausea, vomiting, <b>damage to developing fetuses</b> , nervous system damage, depression, anxiety

59	Oxytetracycline	Prop 65-listed developmental toxicant, potential to alter gut microbiome, change thyroid hormone and serotonin levels
60	Phenmedipham	Proposed carcinogen, proposed developmental toxicant and endocrine disruptor based on effects observed to pituitary, uterus, prostate, testis, and adrenals.
61	Phorate	reduced sperm count and quality, impaired nervous system, pulmonary system, and cardiovascular system function, increased risk of prostate cancer, renal damage.
62	Picoxystrobin	EPA has classified as suggestive evidence of carcinogenic potential -insufficient data on reproductive or thyroid effects
63	Primisulfuron	Irritating to the skin, severe eye irritation - <b>insufficient data</b> on reproductive or thyroid effects
64	Prometon	Abdominal cramps, nausea, sweating, tremors. Decreased body weight, mydriasis, ptosis tremors, and ataxia in animal studies. <b>Potential endocrine disruptor.</b>
65	Prometryn	EPA-designated reproductive toxicant
66	Propanil	decreased sperm and primordial follicle counts
67	Propargite	Prop 65-listed reproductive toxicant
68	Propazine	Prop 65-listed reproductive toxicant
69	Quinclorac	chromosomal aberrations in cultured human lymphocytes - <b>insufficient data</b> on reproductive or thyroid effects
70	Quintozene	Skin allergy, liver and kidney damage, EPA is a possible human carcinogen, increased fetal mortality in mice.
71	Sethoxydim	skin and eye irritation, can cause irritation to the throat, nose, and upper respiratory system, loss of coordination, sedation, tears, salivation, tremors, blood in the urine, and diarrhea. <b>Increased thyroid weight</b> at higher exposures, along with liver and bone marrow impacts.
72	Simazine	EPA-designated reproductive toxicant, prop65-listed reproductive toxicant
73	Streptomycin	Disruption of intestinal flora, gastrointestinal symptoms, ototoxicity, and nephrotoxic effects
74	Sulfuric Acid	can cause permanent lung damage, damage to teeth, and an upset stomach cancer of the larynx - <b>insufficient data</b> on reproductive or thyroid effects
75	TCMTB	Possible human carcinogen, based on the formation of tumors in the testes and thyroid
76	Tebuthiuron	slight irritation to the eyes - no reproductive toxicity shown - <b>insufficient data</b> on reproductive or thyroid effects
77	Terbacil	Prop65-listed reproductive toxicant
78	Terbufos	Reduced sperm count and quality
79	Thiamethoxam	Reduced ovarian function and oocyte development
80	Thiodicarb	EPA-listed probable human carcinogen, impaired memory, loss of concentration, depression, insomnia, <b>insufficient data</b> on reproductive or thyroid effects
81	Triadimefon	EPA-designated reproductive toxin, prop65-listed reproductive toxicant
82	Triasulfuron	mild eye irritation, headache, nausea, and vomiting - <b>insufficient data</b> on reproductive or thyroid effects
83	Tribenuron Methyl	EPA-listed possible human carcinogen, evidence of damage to organs through repeated exposure
84	Tribufos (DEF)	reduced sperm count and quality
85	Trifluralin	EPA-listed possible carcinogen, linked to urinary tract and thyroid tumors
86	Ziram	Parkinson's disease, birth abnormality of the male reproductive system, lowered testosterone, delayed puberty, thyroid cancer, severe eye irritant

The destruction of our health and fertility decreases our youth's ability to participate in the military and our viability as a global superpower. Allowing these 85 pesticides on our crops also deters foreign trade partners who have already banned these chemicals from accepting them from the USA. Removing these chemicals supports the USA in being a superpower.

Pesticide presence in everything from breastmilk, sperm, tapwater, rain, our children's urine, umbilical cords, tampons, hospital gauze, vaccines, conventional foods and beverages; orange juice, wine, beer, eggs, bread, oatmeal, hummus, almond milk, honey, milk, school lunches, fast food, gluten-free food, baby formula, and more makes our daily necessity of eating a national homeland security threat.

For instance, Glyphosate: Detected in over 55% of sperm samples, associated with DNA damage and oxidative stress in the plasma of semen. Glyphosate exposure also androgenizes baby girls, increases miscarriages, and birth defects such as genital deformities, such as micropenis. According to Dr. Shanna Swan, between 1 in 100 - 500 American baby boys are being born with genital deformities.

Pesticides containing toxic metals have been linked to reproductive harm in both males and females. These metals are contaminants or additives in pesticide formulations and can disrupt hormones, damage reproductive organs, and impair fertility.

Pesticides with Toxic Metals and Associated Reproductive Risks			
Pesticide or Component	Toxic Metal(s)	Reproductive Effects	Source
<b>Glyphosate-based herbicides (GBH)</b>	Arsenic, Chromium, Cobalt, Lead, Nickel	The presence of these heavy metals in GBH contributes to reproductive toxicity.	<a href="#">ScienceDirect</a>
<b>General pesticide exposure</b>	Lead, Cadmium, Mercury, Arsenic	Associated with decreased sperm quality, disruption of hormones, and developmental issues in offspring.	<a href="#">PMC</a>
<b>Agricultural pesticides</b>	Various heavy metals	Combined exposure to pesticides and heavy metals amplifies toxicity (negative synergism), leading to reproductive harm.	<a href="#">ScienceDirect</a>
<b>Chlorinated pesticides</b>	Lead, Mercury	Detected in human semen; linked to reduced sperm count and motility.	<a href="#">Wiley Online Library</a>
<b>Environmental pollutants</b>	Cadmium, Arsenic, Mercury	Exposure is linked to early menopause and reduced ovarian function in women.	<a href="#">Health.com</a>

## Restore America's Reproductive Capability

**Stop the pesticide immunity shields.** Stand for accountability and safety.. Support health, farmers, trade agreements, and soil longevity.

**Support a ban on the 85 Already Banned Pesticides.** Stop dependency on toxic foreign pesticides and support local non-toxic farming. Support long term export relationships.

**Farmers would still have 1,067 pesticides in their toolbox.**

We believe the best tools in the American farmer's toolbox are their hearts, minds (ingenuity), and non-toxic or organic regenerative farming. Letters to the EPA or sponsors for a bill are requested. Mothers and the MAHA movement are looking for leadership on this critical pesticide issue and will celebrate the courageous.

Contributing Editor Dr. Michelle Perro, Founder of [GMOScience](#) and author of *What's Making Our Children Sick*