Straight Talk About 2,4-D

2,4-D (2,4-dichlorophenoxyacetic acid) is one of the most widely used selective herbicides in North America and world-wide.

Since its discovery in 1945, 2,4-D has had an enormous impact on increasing world food production while reducing food production costs.

It also enjoys a remarkable health and safety regulatory approval record in the United States, Canada, Australia, Europe, South America, Asia and Africa — in total, more than 100 countries.

Discovery of 2,4-D in 1945

The original patent on 2,4-D was issued in 1945 to Dr. Franklin D. Jones, a plant physiologist.

Dr. Jones was working with the naturally occurring plant auxin, indole acetic acid (IAA).

Since IAA proved too unstable to work effectively, Dr. Jones developed a synthetic version of IAA — namely 2,4-D.

IAA is present in all plant matter and humans ingest it daily whenever fruit, vegetables, and cereals are consumed.

Recognizing its importance, in 2004 The Henry Ford organization in Dearborn, Michigan, identified 2,4-D as one of the 75 most important innovations in the previous 75 years.

Few discoveries of any variety have done as much to increase food production throughout the world.
Improved 2,4-D Web-Site

September 2012
The Industry Task Force II On 2,4-D Research Data
Media Release
Selected and Adapted Excerpts
Update

Revised & Expanded 2,4-D Web-Site

The Industry Task Force II On 2,4-D Research Data

The Industry Task Force II on 2,4-D Research Data was established to address the regulatory data requirements of the United States Environmental Protection Agency (EPA) and Health Canada’s Pest Management Regulatory Agency (PMRA). To do this, it is to bring new value to research studies, supported by regulators and submit the findings to the agency in support of product registration and re-registration decisions.

In an effort to present the public with the most accurate and up-to-date information, the Task Force has taken the additional step of sharing these research findings in scientific journals for peer review and publication.

The long history of use, 2,4-D has been heavily studied by independent researchers and regulators around the world for decades.

To learn more about the history and benefits of 2,4-D, explore this website to find out more about the research and use of a product that has been used for over 50 years of research and regulation. To become one of the most studied and tested products available for consumers, 2,4-D has demonstrated safety in the field.

Please go to this REVISED and EXPANDED Web-Site ...

www.24d.org
The Industry Task Force II On 2,4-D Research Data

This organization was established to address the regulatory data requirements of the United States Environmental Protection Agency (EPA) and Health Canada’s Pest Management Regulatory Agency (PMRA).

Its role is to fund new scientific research studies stipulated by regulators and submit the findings to the agencies in support of pesticide re-registration and re-evaluation studies.

In an effort to provide the public with the most accurate and up-to-date information, The Industry Task Force II On 2,4-D Research Data takes the additional step of submitting the research findings to scientific journals for peer review and publication.

As well, given its long history of use, 2,4-D has been WIDELY STUDIED by independent researchers and regulators around the world for decades.

To learn of the history and benefits of 2,4-D, explore this web-site to find out more about the success of a product that has garnered over 65 years of research and evaluation to become the ONE OF THE MOST TRUSTED SELECTIVE HERBICIDES available to consumers, turf managers, farmers, ranchers, and other users wishing to protect their green spaces and crops from undesirable vegetation.

Please go to this REVISED and EXPANDED Web-Site ...  
www.24d.org
Myth About Cancer —

2,4-D causes cancer. [WRONG!]

Fact —

After rigorous scientific study over several decades, NOT A SINGLE REGULATORY AGENCY IN THE WORLD mandated with protecting public health IDENTIFIES 2,4-D AS A HUMAN OR ANIMAL CARCINOGEN.

2,4-D has a REMARKABLE HEALTH AND SAFETY REGULATORY APPROVAL RECORD.
Myth About Endocrine Disruption —

2,4-D is an endocrine disruptor. [ WRONG ! ]

Fact —

The claim of 2,4-D being an endocrine disruptor is NOT SUPPORTED BY THE SCIENTIFIC EVIDENCE. There is NO EVIDENCE of cancer in animal tests, NO EVIDENCE of reproductive toxicity, NO EVIDENCE of birth defects, it does not metabolize in the body, it is rapidly excreted, and it is NOT PERSISTENT IN THE ENVIRONMENT.

Myth About Bans —

2,4-D is banned in some countries. [ ?!?! ]

Fact —

2,4-D is registered for use in over 100 countries. The most recent country to approve its continued sale and use was Sweden in 2011. In some countries, the market size or product use restrictions do not warrant the cost of maintaining registrations.
Myth About By-Standers —

Pesticide regulators do not consider the potential exposure to by-standers. [ WRONG ! ]

Fact —

The United States Environmental Protection Agency (EPA) and other pesticide regulators consider potential exposure to a given pesticide from all sources, including diet, drinking water and contact with treated areas like lawns.

Registration is only granted if the pesticide meets the STRICT HEALTH AND SAFETY STANDARDS set by the United States Environmental Protection Agency (EPA), which take all of these areas into consideration.
Myth About Regulatory Decisions —

Regulatory agencies base their decisions on studies paid for by pesticide companies. [?!?!]

Fact —

Regulatory decisions regarding 2,4-D are based on an ENORMOUS BODY OF RESEARCH that has been conducted by some 30 independent United States Environmental Protection Agency (EPA) Good Laboratory Practices (GLP) accredited laboratories in concert with studies and reports published in scientific journals as well as other foreign nation and international organization reviews. EPA carefully reviews all studies for GLP compliance — AN INTENTIONAL GLP VIOLATION IS A VIOLATION OF FEDERAL LAW, A FELONY.

After rigorous analysis of the relevant scientific data, expert panels and government agencies mandated with protecting human health and the environment all reach the same conclusion —

2,4-D IS ACCEPTABLE FOR USE ACCORDING TO LABEL DIRECTIONS.

Any claims or attempts to convince public office holders of anything to the contrary are inaccurate, irresponsible, and simply not supported by the scientific evidence. For more information on this subject, visit www.24d.org
We are living in the 9/11 Era of Anti Pesticide Terrorism where at least ONE SUBVERSIVE ACT OF TERROR is Perpetrated EVERY SINGLE DAY by enviro lunatics.

We are living in the DARK AGE OF ANTI PESTICIDE TERRORISM where sound science is trumped by FAKE SCIENTISTS, JUNK SCIENCE and UNVERIFIABLE SECRET EVIDENCE through FABRICATION, INNUENDO, and INTERNET RUMOUR — scientific research PROVES that pest control products CAUSE NO HARM and can be USED SAFELY.

NORAHG is the National Organization Responding Against HUJE that seek to harm the Green space industry.

NORAHG morally represents the VAST SILENT MAJORITY of people in the Green Space Industry who are OPPOSED to Anti Pesticide PROHIBITION.

NORAHG is a NATIONAL NON PROFIT NON PARTISAN organization that does not accept money from corporations or governments or trade associations, and represents NO VESTED INTERESTS WHATSOEVER.

NORAHG is dedicated to reporting the work of RESPECTED and HIGHLY RATED EXPERTS who promote ENVIRONMENTAL REALISM and PESTICIDE TRUTHS.

Anti Pesticide HUJE are enviro lunatics and lawn haters who particularly DESPISE the golf industry — they are Hateful Underhanded Jokes as Environmentalists who have been WRONG FOR OVER 50 YEARS.

There is NO RECOUSE but LITIGATION against these HUJE, as well as CANCELLATION of GOVERNMENT GRANTS and REVOCA- TION of the TAX EXEMPT STATUS of their organizations. HUJE should Get OFF Our grass, and they should Roast In Hell.

Anti Pesticide HUJE are advised that all names, statements, activities, and affiliations have been ARCHIVED for eventual CRIMI- NAL CHARGES.


The NORAHG of Library Force Of Nature Reports and References is a VAST ARCHIVE of DOCUMENTS, AUDIO CLIPS, and VIDEOS on ALL Anti Pesticide Activities has been made AVAILABLE through NORAHG to anyone interested in LITIGATION.

These ARCHIVES contain names, statements, activities, and affiliations of ALL anti pesticide vermin, including government officials, as well as charitable prohibition terrorist organizations that DO NOT DESERVE ANY tax exempt status.

Interested parties need only to send NORAHG their REQUESTS for ANY INFORMATION needed in the War Against Lunatic Terror- ist PROHIBITION.

NORAHG also produces FORCE OF NATURE, reports that present THE WHOLE TRUTH FROM AN INDEPENDENT PERSPECTIVE about environmental issues, including anti pesticide terrorism.

FORCE OF NATURE is a series of reports destined for the green space industry, the environmental terrorist movement, govern- ments, and the media, nationwide across Canada, the United States, and overseas.

FORCE OF NATURE is committed to SOUND SCIENCE, as well as ground breaking original reporting that informs, entertains, and creates real change.

The Force Of Nature Series of Reports — Agriculture • ALBERTA Conspiracy • Bee Colony Collapse Disorder • Bee Colony Collapse Disorder • Benefits of the Turfgrass Industry • Beyond Pesticides • Books That Screwed Up the World • BRITISH COLUMBIA Conspiracy • Canadian Cancer Society • Canadian Association of Physicians for the Environment • CARNAGE and Consequences of Lunatic Terrorist Prohibition • Controversial Prohibitions • Culprits of the Prohibition Con- spiracy • Daffodils • Toxic Pesticide Treated Flowers Soaked Formaldehyde • Dating Services for Enviro Maniacs • David Suzuki Foundation • DDT and Our World of Politicized Science • Death and Illness (Alleged) • Departure Letters • Ecojustice Canada • Energy Sector • Environmental Terrorists UNMASKED • Environmental Terrorist Organizations • Enviro PROFIT • Environmental Defence • FAILURE of IPM, Pesticide Manufacturers, Prohibition, Trade Associations • Famous Quotations About Enviro Lunatics • Fertilizer TERROR • Food and Farming • Get Off Our grass • Global Warming, The Scam of Our Lifetime • Glyphosate Herbicide • Golf Industry • Green Alternatives • Green Party • Halloween Terror • Happy Holidays • Health Canada • Health Concerns with Pest Control Products • Heroes Speaking Out Against Environmental Terror • History of Environmental Terror in Canada • History of the Turfgrass Industry • Letters to the Editor • LIARS and Lying Sacks of (Enviro Maniac) Cwap • Mock Advertisements • Mock Speeches • Myth BUSTING • NATIONAL Prohibition • NEW BRUNSWICK Conspiracy • NO Prohibition Exception for AGRICULTURE Industry • NO Prohibition Exception for GOLF Industry • NOVA SCOTIA Conspiracy • North America Free Trade Agreement (NAFTA) • ONTARIO Conspiracy, Haven For Environmental Terrorists • Ontario College of Family Physicians • Organic Golf Courses • Organic Maintenance • Organizations of the Prohibition Conspiracy • Pesticide Q & A (Questions and An- swers) • Positive Waves (Interesting and Innovative Thinking) • PRINCE EDWARD ISLAND (PEI) Conspiracy • QUEBEC Prohibition • Quotations About Enviro Lunatics & Maniacs • Rachel Carson, The Queen of Junk Science • SASKATCHE-
The information presented in FORCE OF NATURE has been developed for the education and entertainment of the reader by providing a sequence of events WITH COMMENTARY, striving for accuracy in history, politics, and science.

FORCE OF NATURE is TOTALLY INDEPENDENT and provides NO guarantee regarding accuracy or completeness. In no event shall FORCE OF NATURE be liable for any incidental or consequential damages, lost profits, or any indirect damages.

NORAHG also produces A LOOK AT, a series of reports providing TECHNICAL INFORMATION on issues such as Career Management, Golf Course Maintenance, Green Alternatives, Summer Stress, Turfgrass Pests, and Turfgrass Species.

Finally, NORAHG frequently responds to anti pesticide activists in LETTERS TO THE EDITOR in newspapers across Canada and around the world.

All information, excerpts, and pictures contained in FORCE OF NATURE, A LOOK AT, and LETTERS TO THE EDITOR were retrieved from the Internet, and may be considered in the public domain.

FORCE OF NATURE, A LOOK AT, and their various incarnations, was the brainchild of William H. Gathercole and his colleagues in 1991. Mr. Gathercole is now retired, although his name continues to appear as founder.

Here is a brief summary of Mr. Gathercole’s career —

Fields of study — Horticulture/Agriculture, Mathematics, Physics

Alma mater — McGill University • University of Guelph • the first person ever to obtain university degrees and contribute to both the professional lawn care and golf maintenance industries

Expertise in — environmental issues and anti pesticide terrorism • turf and ornamental maintenance and troubleshooting • history of the industry • sales and distribution of seeds, chemicals, fertilizers, and equipment • fertilizer manufacturing and distribution

Notable activities — worked in virtually all aspects of the green space industry, including golf, professional lawn care, distribution, environmental compliance, government negotiations, public affairs, and workplace safety • supervisor, consultant, and programmer for the successful execution of hundreds of thousands of management operations in the golf and urban landscape, as well as millions of pest control applications • advisor, instructor, and trainer for thousands of turf and ornamental managers and technicians • pesticide certification instructor for thousands of industry workers • founder of the modern professional lawn care industry • prolific writer for industry publications and e-newsletters • first to confirm the invasion of European Chafer insect in both the Montreal region and the Vancouver / Fraser Valley region • with Dr. Peter Dernoeden, confirmed the presence of Take All Patch as a disease of turf in Eastern Canada • with Dr. David Shetlar, confirmed the presence of Kentucky Bluegrass Scale as an insect pest in South Western Ontario, and later, in the Montreal and Vancouver regions

Special contributions — creator of the exception status that has allowed the golf industry to avoid being subjected to anti pesticide prohibition • creator of the signs that are now used for posting after application • co-founder of annual winter convention for Quebec golf course superintendents • the major influence in the decision by Canadian Cancer Society to stop selling for profit pesticide treated daffodils • the only true reliable witness of the events of anti pesticide prohibition in the town of Hudson, Quebec • retired founder of FORCE OF NATURE and A LOOK AT reports

Notable award — the very first man of the year for contributions leading to the successful founding of Quebec professional lawn care industry, which served as a beach-head against anti pesticide activists in the 1980s and 1990s

Legacy — Mr. Gathercole and his colleagues • designed and implemented strategies that reined anti pesticide activists to provide peace and prosperity for the entire modern green space industry across Canada • orchestrated legal action against anti pesticide activists in the town of Hudson, Quebec • launched the largest founding professional lawn care business in Canada • quadrupled the business revenues of one of the largest suppliers in Canada

Mr. Gathercole is now retired, although his name continues to appear as founder of FORCE OF NATURE and A LOOK AT reports.
We must defend the industry, whatever the cost may be.