



# Fertilizer TERROR



**FORCE OF NATURE**

THE WHOLE TRUTH FROM AN INDEPENDENT PERSPECTIVE from  
National Organization Responding Against HUJE that seek to harm the Green Space Industry (NORAHG)

In the 9|11 Era of  
Anti-Fertilizer and  
Environmental-Terrorism ...

**Turf phosphorus fertilizers are  
NOT a major source of  
phosphorus pollution, and yet,  
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have PROHIBITED phosphorus  
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MISGUIDED PRETEXT of  
somehow protecting the  
environment**

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## U.S. State Laws Banning Phosphorus Fertilizer Use

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Selected and adapted excerpts



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## Summary

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Phosphorus is a naturally occurring mineral nutrient that is necessary for plant growth.

It is an essential part of photosynthesis and helps plants to mature properly.

But high phosphorus levels in water bodies can lead to excessive algae and aquatic plant growth which can harm aquatic life and impair recreational use.

It can cause toxic algae blooms, reduce water clarity, and deplete oxygen levels.

Low water oxygen levels can stress or kill fish and other aquatic animals, among other things.

Turf phosphorus fertilizers are NOT a major source of phosphorus pollution, and yet, since 2002, ELEVEN U.S. states have PROHIBITED phosphorus fertilizer use or sale under the MISGUIDED PRETEXT of somehow protecting the environment.

Generally, these laws PROHIBIT phosphorus fertilizer application unless it is for ...

( 1 ) curing a lack of necessary phosphorus,

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( 2 ) establishing new turf, or

( 3 ) repairing turf.

Many also EXEMPT agricultural uses, commercial or sod farms, gardening, and golf courses.

Most of the states PROHIBIT fertilizer application on impervious, frozen, or saturated surfaces.

Other provisions included in some states' laws are ...

( 1 ) setbacks from water bodies such as lakes or rivers, and

( 2 ) sales restrictions such as displaying phosphorus fertilizer separately from other types of fertilizers and posting cautionary information.

A TWELFTH state, Florida, requires certain local governmental units to adopt a model ordinance restricting fertilizer use and encourages other units to do the same.

The model ordinance bans applying fertilizer containing nitrogen or phosphorus during a « *prohibited application period* ».

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## Environmental Concern

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Nutrients such as phosphorus and nitrogen are essential, naturally occurring elements for plant growth, but increased levels of these nutrients can jeopardize water quality.

Sewage discharges and AGRICULTURAL fertilizer runoff containing phosphorus contribute to increased nutrient water levels.

Runoff or leaching into groundwater can occur when fertilizer is applied at times when ...

- ( 1 ) it can be removed by rainfall or snowmelt, or
- ( 2 ) land or crops cannot absorb the nutrients.

High concentrations of phosphorus or nitrogen in water bodies can lead to excessive algae and aquatic plant growth ( a process called eutrophication ) which can impair aquatic life and recreational use.

It can cause algae blooms, reduce water clarity, and deplete oxygen levels that can stress or kill fish and other aquatic animals ( a condition called hypoxia ).

According to a Virginia Cooperative Extension report discussing environmental impacts from AGRICULTURAL phosphorus use, eutrophication can ...

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- ( 1 ) cause fish kills or harm wildlife and livestock by reducing water oxygen content or producing toxins and
- ( 2 ) increase the cost and difficulty of drinking water purification.

Decaying algae also produces surface scum, odor, and leads to increased insect populations.

A 2010 interagency report of the National Science and Technology Council's Committee on Environment and Natural Resources ( in which the U.S. Environmental Protection Agency ( EPA ) participated ) warns that declining oxygen levels in U.S. waters are forming low-oxygen « *dead zones* » and destroying habitats.

In Region 1 specifically ( which includes Connecticut ), EPA requires wastewater discharge permits to include phosphorus limits where a discharge may degrade water quality.

Connecticut's Department of Energy and Environmental Protection ( DEEP ) identifies nutrient enrichment as a major water quality issue, highlighting the fact that EPA has emphasized aggressive action to limit phosphorus discharge to surface waters.

According to DEEP, there are 21 identified water body segments in the State of Connecticut where nutrient enrichment is contributing to water impairment.

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## Phosphorus Fertilizer Bans

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At least ELEVEN states PROHIBIT phosphorus fertilizer use or sale —

Illinois  
Maine  
Maryland  
Michigan

Minnesota  
New Jersey  
New York  
Vermont

Virginia  
Washington  
Wisconsin

In general, these states PROHIBIT phosphorus fertilizer application unless it is for ...

- ( 1 ) curing a lack of necessary phosphorus,
- ( 2 ) establishing new turf, or
- ( 3 ) repairing turf.

Many states EXEMPT agricultural lands and production, commercial or sod farms, gardening, or golf courses from Anti-Phosphorus PROHIBITION.

And many PROHIBIT applying fertilizer ( not only phosphorus fertilizer ) on impervious, frozen, or saturated surfaces, or within a certain distance of a water body.

Inadvertent application on impervious surfaces must be removed or cleaned up.



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Some states also have phosphorus fertilizer sale restrictions such as separately displaying phosphorus fertilizer and posting cautionary information.

## Comparison of Phosphorus Bans

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The next segments summarize the primary elements of each state's Anti-Phosphorus PROHIBITION.

The segments do not provide enforcement and penalty information or discuss applying certain manures to land or soil, which many states allow.

Some of these state LAWS PROHIBIT LOCAL GOVERNMENTAL UNITS FROM ADOPTING MORE RESTRICTIVE REQUIREMENTS, with some exceptions.

And some laws require the state to provide consumers with information such best practices for phosphorus lawn fertilizer and restrictions on use.

## State of Florida

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Florida state law requires certain counties and municipalities located in nutrient-impaired watersheds to adopt the state's model ordinance for any fertilizer use in urban landscapes and may adopt more stringent standards if certain conditions are met.

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The law encourages other counties and municipalities to adopt the ordinance or an equivalent.

Among other things, the Model Ordinance for Florida-Friendly Fertilizer Use on Urban Landscapes ...

- ( 1 ) establishes fertilizer content and application rates,
- ( 2 ) PROHIBITIONS applying fertilizer containing phosphorus or nitrogen to saturated soils, impervious surfaces, or during a « *prohibited application period* »,
- ( 3 ) establishes a three-foot to ten-foot setback for application near water sources such as streams, lakes, or wetlands, and
- ( 4 ) exempts agriculture.

## State of Illinois — Anti-Phosphorus PROHIBITION

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Year passed / effective date —

October 20<sup>th</sup>, 2010.

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Applicators affected –

« *Applicator for hire* » ( licensed commercial, certified applicators, and others ).

Exempt applicators and allowed phosphorus fertilizer use –

Golf courses. Commercial and sod farms. Agricultural lands and production. Right-of-ways. Phosphorus deficiency. Establish new turf. Lawn repair.

Application to paved or impervious surfaces –

Prohibited, must clean up if inadvertent.

Setbacks from water ( buffer zone ) –

3-foot to 15-foot setback.

Application on frozen and saturated soils –

Prohibited.

Restrictions on phosphorus lawn fertilizer sales –

No restrictions.

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## State of Maine — Anti-Phosphorus PROHIBITION

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Year passed / effective date —

2007 / 2008.

Applicators affected —

All persons.

Exempt applicators and allowed phosphorus fertilizer use —

Agriculture. Phosphorus deficiency. Establish new turf. Sod farms.  
Turf repair. Gardening.

Application to paved or impervious surfaces —

No restrictions.

Setbacks from water ( buffer zone ) —

None.

Application on frozen and saturated soils —

No restrictions.

Restrictions on phosphorus lawn fertilizer sales —

Post signs about fertilizer use at point of sale.

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## State of Maryland — Anti-Phosphorus PROHIBITION

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Year passed / effective dates —

2011 / 2011-2013.

Applicators affected —

Everyone.

Exempt applicators and allowed phosphorus fertilizer use —

Agricultural purposes. Commercial and sod farms. Phosphorus deficiency. Establish new turf. Turf repair.

Application to paved or impervious surfaces —

Prohibited

Setbacks from water ( buffer zone ) —

10-foot to 15-foot setback.

Application on frozen and saturated soils —

Prohibited from November 16 to February 29, or on frozen ground.

Restrictions on phosphorus lawn fertilizer sales —

Must sell low phosphorus fertilizer for lawns unless organic and sold to professional.

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## State of Michigan — Anti-Phosphorus PROHIBITION

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Year passed / effective date —

2010 / 2012.

Applicators affected —

All persons.

Exempt applicators and allowed phosphorus fertilizer use —

Golf courses. Commercial farm land. Phosphorus deficiency. Establish new turf.

Application to paved or impervious surfaces —

Must clean up if applied.

Setbacks from water ( buffer zone ) —

3-foot to 15-foot setback.

Application on frozen and saturated soils —

Prohibited.

Restrictions on phosphorus lawn fertilizer sales —

No restrictions.

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## State of Minnesota — Anti-Phosphorus PROHIBITION

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Year passed / effective date —

2002 / 2004.

Applicators affected —

All persons.

Exempt applicators and allowed phosphorus fertilizer use —

Golf courses. Sod farms. Agricultural lands and production. Phosphorus deficiency. Establish new turf.

Application to paved or impervious surfaces —

Prohibited, must clean up if applied.

Setbacks from water ( buffer zone ) —

None.

Application on frozen and saturated soils —

No restrictions.

Restrictions on phosphorus lawn fertilizer sales —

No restrictions.

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## State of New Jersey — Anti-Phosphorus PROHIBITION

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Year passed / effective dates —

2010 / 2011-2013.

Applicators affected —

All persons.

Exempt applicators and allowed phosphorus fertilizer use —

Golf courses. Commercial Farms. Phosphorus deficiency. Establish new turf. Turf repair.

Application to paved or impervious surfaces —

Prohibited, must clean up if inadvertent.

Setbacks from water ( buffer zone ) —

10-foot to 15-foot setback.

Application on frozen and saturated soils —

Prohibited during heavy rain or when predicted, on saturated or frozen ground, or from November 16 to February 29 ( December 2 to February 29 for professionals ).

Restrictions on phosphorus lawn fertilizer sales —

Sale prohibited to consumers unless for deficiency, new turf, or turf repair.



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## State of New York — Anti-Phosphorus PROHIBITION

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Year passed / effective date —

2010 / 2012.

Applicators affected —

All persons.

Exempt applicators and allowed phosphorus fertilizer use —

Gardens. Agricultural lands and production. Sod farms. Phosphorus deficiency. Establish new turf.

Application to paved or impervious surfaces —

Prohibited, must clean up if applied.

Setbacks from water ( buffer zone ) —

3-foot to 20-foot setback.

Application on frozen and saturated soils —

Prohibited between December 1 and April 1.

Restrictions on phosphorus lawn fertilizer sales —

Display phosphorus fertilizer separately. Post educational signs.

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## State of Vermont — Anti-Phosphorus PROHIBITION

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Year passed / effective dates —

2011 / 2011-2012.

Applicators affected —

All persons.

Exempt applicators and allowed phosphorus fertilizer use —

Golf courses. Sod farms. Agricultural lands and production. Phosphorus deficiency. Establish new turf.

Application to paved or impervious surfaces —

Prohibited, must clean up if applied.

Setbacks from water ( buffer zone ) —

25-foot setback.

Application on frozen and saturated soils —

Prohibited from October 16 to March 31, or on frozen ground.

Restrictions on phosphorus lawn fertilizer sales —

Display Phosphorus fertilizer separately. Post educational signs.

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## State of Virginia — Anti-Phosphorus PROHIBITION

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Year passed / effective date —

2011 / 2013.

Applicators affected —

All persons.

Exempt applicators and allowed phosphorus fertilizer use —

Phosphorus deficiency. Establish new turf. Turf repair. Agricultural use. Gardening. Golf courses management plan.

Application to paved or impervious surfaces —

Package label prohibits certain uses.

Setbacks from water ( buffer zone ) —

None.

Application on frozen and saturated soils —

Package label prohibits certain uses.

Restrictions on phosphorus lawn fertilizer sales —

Sale of lawn maintenance fertilizer prohibited. Can sell existing stock.

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## State of Washington — Anti-Phosphorus PROHIBITION

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Year passed / effective date —

2011 / 2013.

Applicators affected —

All persons.

Exempt applicators and allowed phosphorus fertilizer use —

Establish new turf. Turf repair. Phosphorus deficiency. Gardens. Sod farms. Agricultural land or production.

Application to paved or impervious surfaces —

Prohibited.

Setbacks from water ( buffer zone ) —

None.

Application on frozen and saturated soils —

Prohibited on frozen ground.

Restrictions on phosphorus lawn fertilizer sales —

Sale prohibited unless for an allowed use and properly labeled. Can sell existing stock.

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## State of Wisconsin — Anti-Phosphorus PROHIBITION

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Year passed / effective date —

2009 / 2010.

Applicators affected —

All persons.

Exempt applicators and allowed phosphorus fertilizer use —

Sod farms. Agricultural land and production. Phosphorus deficiency.  
Establish new turf.

Application to paved or impervious surfaces —

Prohibited, must clean up if inadvertent.

Setbacks from water ( buffer zone ) —

None.

Application on frozen and saturated soils —

Prohibited on frozen ground.

Restrictions on phosphorus lawn fertilizer sales —

No display but may post sign. Must sell only for specific purposes.

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**Turf fertilizers are  
NOT a major source of  
phosphorus pollution**

**PROHIBITION has NOT,  
and will NOT, help  
reduce phosphorus  
loading in lakes**







In the 9|11 Era of  
Environmental-Terror ...

LUNATIC-TERRORIST-PROHIBITION  
commenced against the urban use of  
PEST CONTROL PRODUCTS

ENVIRO-TERRORIST-ACTIVITIES  
have now spread against  
FERTILIZERS

ENVIRO-TERRORIST-ACTIVITIES  
will then eliminate  
pest control products from the  
GOLF INDUSTRY

and then ...  
NURSERY PRODUCTION

and then ...  
AGRICULTURE

and finally ...  
LUNATIC-TERRORIST-PROHIBITION  
will spread NATIONALLY against ALL  
pest control products and fertilizers





Fertilizer Terror  
NEVER Ends

# N O R A H H G

We are living in the 9|11 Era of Anti Pesticide and Environmental 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 associated with turf and ornamental plant maintenance who are OPPOSED to Anti Pesticide PROHIBITION and the CLOSURE of green spaces under the RIDICULOUS PRETEXT of somehow « saving » the environment.

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 RECOURSE but LITIGATION against Anti Pesticide HUJE.

Another RECOURSE is to SEEK the CANCELLATION of GOVERNMENT GRANTS and REVOCATION of the TAX EXEMPT STATUS of Anti Pesticide Organizations.

HUJE should Get OFF Our grASS, and they should Roast In Hell.

NORAHG manages the Library of Force Of Nature Reports and References, which is a VAST ARCHIVE of REPORTS, MEDIA REFERENCES, AUDIO CLIPS, and VIDEOS on ALL Anti Pesticide Terrorist Acts of Subversion.

The purpose of this ARCHIVE is to provide information that will lead to a SUCCESSFUL LITIGATION AGAINST Anti-Pesticide Organizations.

All names, statements, activities, and affiliations have been ARCHIVED for the intention of eventual CRIMINAL CHARGES.

When CRIMINAL CHARGES for FRAUD and CONSPIRACY are laid, legal experts say that the ARCHIVE is sufficient to lead to a SUCCESSFUL PROSECUTION !

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, governments, 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 • CAR-NAGE and Consequences of Lunatic Terrorist Prohibition • Controversial Prohibitions • Culprits of the Prohibition Conspiracy • 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 Answers) • Positive Waves (Interesting and Innovative Thinking) • PRINCE EDWARD ISLAND (PEI) Conspiracy • QUEBEC Prohibition • Quotations About Enviro Luna-

The Whole Truth from an Independent Perspective

# N O R A H G

tics & Maniacs • Rachel Carson, The Queen of Junk Science • SASKATCHEWAN Conspiracy • Satire, Laughs & Insanity • Terror That NEVER Ends • TERROR Talk and Weasel Words • THE AVENGERS • The Environmental Factor • The FAILURES of Green Alternatives, Organic Golf Courses, BROWN Golf Courses, Integrated Pest Management, Pesticide Free Parks, and Pesticide Manufacturers • The Ontario Trillium Foundation • The Industry STRIKES Back • The Wilhelm Scream • The Wisdom of REAL Experts • Tukey TERRORISM • TWISTED Precautionary Principle • United States Enviro TERRORISM • UPDATES • VICTORIES Against Terrorists • Video, Audio, and Slide Shows • VIOLATING Federal Law • VIOLATING Prohibition • WARNINGS • Weapons of Ultimate Environmental Terror • Wind Power (Bogus) • 2,4-D

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 Shettlar, 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.