



FON

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)

Fertilizer Terror

The Continuing Conspiracy to Harm the Green Space Industry

Professional Lawn Care
is the easiest and
often the first target

December 17th, 2010

Ron Hall — LM Direct !

Selected and adapted excerpts

U.S. States Pick on Professional Lawn Care
to Reduce Phosphorus in Water-ways



How often do you hear the word « *fertilizer* » followed immediately by the words « *overuse* » and « *misuse* » ?

Especially, when lawn fertilizer is blamed for polluting our water-ways.

Regardless, the Professional Lawn Care Industry has to deal with it and continue to defend its practices, said Chris Wible, Director, Environmental Stewardship, The Scotts Miracle-Gro Company, at the 2010 Ohio Turfgrass Association Conference.

Fertilizer Terror

The Continuing Conspiracy to Harm the Green Space Industry

The Spread of Phosphorus Laws

At last count, ten states have passed laws restricting the use of phosphorus fertilizer on home lawns.

At least three other states, and several municipalities or counties, are considering similar regulations.

The federal government oversees pesticides and their use.

States regulate fertilizers, but they sometimes face local and regional scrutiny, as well.

These laws seek to reduce the amount of nutrients ending up in streams, rivers, ponds, lakes and, in the case of Florida, the Gulf of Mexico.

Excess nutrients, and phosphorus in particular, encourage the growth of algae and aquatic weeds, diminishing water quality.

Phosphorus is a naturally occurring element that can be found in all living organisms.

It is an essential component in many physiological processes related to proper energy utilization in plants and animals.

It is essential for plant growth.

It stimulates growth of young plants, giving them a vigorous start.

Phosphorus is not mobile in soils.

It is closely attached to solid soil materials, meaning that it will move with eroding soils.

Fertilizer Terror

The Continuing Conspiracy to Harm the Green Space Industry

Regulators see restricting lawn care fertilizers as a low-cost, easily implementable fix that demonstrates that they are taking a pro-active (and visible) stance on behalf of the environment — even if the science offered by researchers contradicts the intent of their actions

Not a Small Problem

During summer 2010, visitors to Saint Mary's State Park and property owners surrounding Grand Lake in West-Central Ohio, were WARNED NOT TO SWIM, FISH OR EVEN BOAT ON THE LAKE.

An explosion of Green Algae (*cyanobacteria*) and aquatic weeds turned the popular 12,900-acre lake, into a fetid eye-sore.

Portions of the western basin of Lake Erie, one of the most productive and popular sports fisheries in United States, fared only slightly better.



Fertilizer Terror

The Continuing Conspiracy to Harm the Green Space Industry

Similar conditions existed in waters and along seashores across the United States.

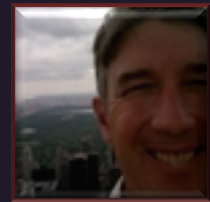
In many cases, one of the FIRST RESPONSES is to enact RESTRICTIONS ON LAWN FERTILIZERS, including ...

- mandating a greater percentage of slow-release nutrients (i.e. State of New Jersey)
- restricting applications during portions of the year (i.e. New Jersey, Florida), and/or, of course,
- eliminating phosphorus from lawn fertilizers, the most common action because it is a limiting nutrient for aquatic plants

Phosphorus is an ESSENTIAL NUTRIENT for plants and is important in seed and sod establishment.

According to Chris Wible, Director, Environmental Stewardship, The Scotts Miracle-Gro Company —

<< There are a number of sources that affect the amount of phosphorus in our water-ways. >>



Wible added that lawn care is one of the LESSER FACTORS in the equation.

But, mostly because of its visibility, it's usually blamed first.

If lawn care is NOT the primary cause of these unsightly algae blooms, what is ?

In other words, regulators see restricting lawn care fertilizers as a low-cost, easily implementable fix that demonstrates that they are taking a pro-active (and visible) stance on behalf of the environment — even if the science offered by researchers contradicts the intent of their actions.

Fertilizer Terror

The Continuing Conspiracy to Harm the Green Space Industry

Fertilizer use in lawn care, compared to agriculture, is MINISCULE

Agriculture's Foot-Print

Agriculture (i.e. corns and beans) dominates the flat-land of rural West-Central and North-West Ohio.

Much of this rich farm-land (a portion of it was wetlands, « *The Great Black Swamp* », prior to settlement in the mid 1850s) drains into slow-moving streams and rivers, including the silt-laden Maumee River.

The Maumee, the largest river emptying into the Great Lakes, empties into Lake Erie at the port city of Toledo, Ohio, on the lake's shallow, Far-South-Western corner.

Fertilizer use in lawn care, compared to agriculture, is MINISCULE in this corner of Ohio.

In fact, Wible has said that 50 per cent of U.S. home-owners never apply fertilizers to their lawns, and only 10 per cent of home-owners use a Professional Lawn Care Service that makes multiple applications.

Fertilizer Terror

The Continuing Conspiracy to Harm the Green Space Industry

*There is NOT an overuse of fertilizers
in the urban environment*

According to Chris Wible, Director, Environmental Stewardship, The Scotts Miracle-Gro Company —

<< There is NOT an overuse of fertilizers in urban environments. >>

Wible added that researchers in Minnesota and New York have determined that most of the phosphorus ending up in U.S. water-ways comes from sediment and organic matter such as —

- combined sanitary / storm sewer outflow
- farm animal / pet waste
- grass clippings
- leaking septic tanks
- leaves

A larger amount of phosphorus is washed into water-ways as run-off from eroded or disturbed sites and hard surfaces.

Fertilizer Terror

The Continuing Conspiracy to Harm the Green Space Industry

*As much as 80 per cent of
the phosphorus load into water-ways
may occur during the winter
and in the early the early spring
following heavy snow-melts or rains*

Sediment comes from many sources —

- agricultural fields
- city parks
- construction sites
- freeways
- industrial sites
- shopping centers

And most of the run-off occurs (at least in northern climes) when the ground is frozen and with heavy rains or melting snow and ice.

This is the time of year when living ground cover (including farmers' fields) is least able to slow the run-off and capture the sediment.

Indeed, as much as 80 per cent of the phosphorus load into water-ways may occur during the winter and in the early the early spring following heavy snow-melts or rains.

Fertilizer Terror

The Continuing Conspiracy to Harm the Green Space Industry

Experts caution against applying a phosphorus fertilizer in late fall

Living Cover Matters

According to Chris Wible, Director, Environmental Stewardship, The Scotts Miracle-Gro Company —

<< Dense ground cover (i.e. healthy turfgrass) is good for the urban environment. It reduces sediment flows and lateral flows, increases filtration and aids in ground-water recharge. >>

Because of this, and especially if a soil already contains adequate levels of phosphorus, Wible has cautioned against applying a phosphorus fertilizer in late fall.

Actually, a majority of urban soils likely already have sufficient levels of, particular those that have been on a Professional Lawn Care program or were once farmland.

If the property is cursed with sub-soils as a result of the top-soil being stripped or from construction, it's more likely is deficient in phosphorus.

In either case, a soil test will tell the tale.

Fertilizer Terror

The Continuing Conspiracy to Harm the Green Space Industry

*Because Professional Lawn Care
is so visible, it is the easiest and
often the first target
within regulators' sights*

Also, phosphorus is needed to establish seeded or sodded turfgrass.

If lawn care is not a primary source of phosphorus in the sediment and other materials that contribute to algae and weeds in our water-ways, why does it attract so much regulatory attention ?

Wible has said that politics and economics combine to figure in these decisions.

Because Professional Lawn Care is so visible, it is the easiest and often the first target within regulators' sights.

In reality, the amount of fertilizer used on home lawns and other urban properties is a fraction of total fertilizer usage.

As an example Wible noted that home-owner use was just 3 per cent of the fertilizer applied state-wide in Michigan in 2006.

Even taking into account the amount used in lawns combined with that used by gardens, golf, professional turf, nursery, greenhouse, landscape ornaments and potting soils, the percentage compared to farm use was VERY SMALL.

Fertilizer Terror

The Continuing Conspiracy to Harm the Green Space Industry

*Lawn Care companies have to be pro-active
in defending their right to use fertilizers*

More Expensive Fixes

Regulators are not eager to tackle agriculture because of it produces our food and fiber, and also because it has its own unique set of voluntary best management practices.

Nor are regulators in a hurry to enforce regulations against malfunctioning septic systems, a very expensive proposition for home-owners.

Indeed, in some instances, municipalities, even those restricting fertilizer use, inadvertently add to nutrient loading in their water-ways by having home-owners rake their leaves into the streets and not picking them up before they're washed into storm basins.

For their part, Professional Lawn Care companies have to be pro-active in defending their right to use fertilizers, which means, of course, using them intelligently and responsibly —

- applying the appropriate products in the appropriate amounts at the appropriate times of the year, and
- sweeping them from impervious surfaces.

NORAHG

Force Of Nature presents THE WHOLE TRUTH FROM AN INDEPENDENT PERSPECTIVE from National Organization Responding Against HUJE that seek to harm the Green Space Industry (NORAHG). It is a series of Reports destined for the Green Space Industry, the Environmental Terror Movement, Governments, and the Media, nationwide across Canada, the United States, and overseas. The information presented in Force Of Nature has been developed for the education and entertainment of the reader by providing a sequence of historical events WITH COMMENTARY. The neutrality of these Reports might be disputed. Don't thank us. It's a public service. And we are glad to do it.

HUJE are identified on the basis of their statements, activities, affiliations, and whereabouts. Even though each Enviro Lunatic Culprit is a misguided adversary, each still deserves our respect. The use of the terms Lunatic, Maniac, Culprit, Terrorist, or Basterd are not accusations of any legal wrong doing. Force Of Nature is simply holding Enviro Lunatic Activists accountable for conspiring to change public policies that TERRORIZE, HARM, and THREATEN the Green Space Industry.

HUJE is a term used to describe Enviro Lunatic Activists that routinely concoct FEAR MONGERING, FRAUDULENT LIES, MISCONCEPTIONS, COERCION, THREATS, DECEPTIONS, TERROR, and PARANOID CONSPIRACIES that are DESIGNED to SCAM and DECEIVE the public into believing there is some IMAGINARY DANGER with conventional pest control products. HUJE also SCAM and DECEIVE Government Officials into the NEEDLESS, SENSELESS, and MALICIOUS CONSPIRACY to PROHIBIT conventional pest control products that are FEDERALLY LEGAL, SCIENTIFICALLY SAFE, TOTALLY IRREPLACEABLE, and ABSOLUTELY INDISPENSABLE.

HUJE have created LOSS OF REVENUES, BUSINESS FAILURES, BANKRUPTCY, and UNEMPLOYMENT, inflicting DESPAIR and DESTITUTION for THOUSANDS of hapless victims throughout the Green Space Industry. The DEPRAVED INDIFFERENCE of Lunatic Culprit Terrorist Basterd HUJE is viewed as a form of TERROR, HARM, and THREAT against the Green Space Industry.

This Report 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. Force Of Nature is TOTALLY INDEPENDENT of any trade association or business operating within the Green Space Industry. The events, characters, companies, and organizations, depicted in this Report are not always fictitious. Any similarity to actual persons, living or dead, may not be coincidental. All information, excerpts, and pictures contained in this Report were found somewhere on the Internet, and may be considered in the public domain, serving one of the following purposes — archive, education, promotion, publicity, or press release.

Force Of Nature, and its various incarnations, is the brainchild of William H. Gathercole and his colleagues. Mr. Gathercole is a principal FOUNDER of the Modern Professional Lawn Care Industry in BOTH Ontario and Quebec. He holds a degree in Horticulture from the UNIVERSITY OF GUELPH, and another pure and applied science degree from MCGILL UNIVERSITY. He has worked in virtually all aspects of the Green Space Industry, including GOLF, PROFESSIONAL LAWN CARE, and CHEMICAL INDUSTRY, and has served in environmental compliance, government negotiations, public affairs, and workplace safety. Mr. Gathercole has supervised, consulted, programmed, and/or overseen the successful and safe execution of HUNDREDS OF THOUSANDS of pest control applications in the urban landscape. He has trained, instructed, and consulted with THOUSANDS of turf managers and technicians. Mr. Gathercole has also been an agricultural agronomist. For many years, Mr. Gathercole was a contributing columnist for TURF & Recreation Magazine, Canada's Turf and Grounds Maintenance Authority.

Mr. Gathercole and his colleagues have followed the evolution of LUNATIC ENVIRONMENTAL TERRORISM for over a quarter century. For FIFTEEN YEARS, the strategies designed and implemented by Mr. Gathercole and his colleagues guaranteed the control of the VERMIN OF ENVIRONMENTAL TERROR for the entire Modern Green Space Industry across Canada. Their involvement in Environmental Issues reached a fevered pitch in the 1990s, when he orchestrated, with his colleagues, legal action against the Forces of Environmental Evil in the Town of Hudson, Quebec.

Today, Mr. Gathercole is the ONLY TRUE RELIABLE WITNESS of the Hudson Affair. Mr. Gathercole is personally credited for crafting the Golf Industry Exception Status that endures to this day. He is also the creator of the signs that are now used for posting after application. His vast knowledge of our long journey with Environmental Issues is UNDENIABLE — hopefully ! Mr. Gathercole is now retired, although his name continues to appear as FOUNDER of Force Of Nature.

THE LIBRARY OF REPORTS • 2,4-D • A LOOK AT Career Management • A LOOK AT Pests & Disorders of Trees & Shrubs • A LOOK AT Pests & Disorders of Turfgrasses • Agriculture • ALBERTA Enviro Terror • Bee Colony Collapse Disorder • Bee Colony Collapse Disorder • Benefits of the Turfgrass Industry • Books That Screwed Up the World • BRITISH COLUMBIA Enviro Terror Conspiracy • CALGARY (Alberta) Enviro Terror STOPPED • Cancer Maniac Stuff • CARNAGE Caused by Prohibition Terrorism • CONSEQUENCES OF Prohibition Terrorism • Controversial Prohibitions • Culprits, Lunatics and Maniacs Who Conspired to Prohibit • Daffodils — Toxic Pesticide Treated Daffodils Soaked Formaldehyde • Dating Services for Enviro Maniacs • DDT and Our World of Politicized Science • Death and Illness (Alleged) • Departure Letters • Environmental Terror That NEVER Ends • Environmental TERROR Talk and Weasel Words • Environmental Terrorists UNMASKED • Environmental Terror Organizations • Enviro Profit Accumulated by Greedy & Avaricious Enviro Maniacs • Famous Quotations About Enviro Maniacs • Fertilizer Enviro Terror That NEVER Ends • Food and Farming • Global Warming — The Scam of Our Lifetime • Golf Industry • Halloween Terror • Happy Holidays • Health Canada • Health Concerns with Pest Control Products • Heroes Speaking Out Against Environmental Terror • History of Environmental Terror in Canada • Lying Sacs of (Enviro Maniac) Cwap • Mock Advertisements • Mock Speeches • Myth Busting • NATIONAL Enviro Terror Conspiracy • NEW BRUNSWICK Enviro Terror • NO Prohibition Exception for AGRICULTURE Industry • NO Prohibition Exception for GOLF Industry • North America Free Trade Agreement (NAFTA) • ONTARIO — Haven For Environmental Terror • Pesticide Q & A (Questions and Answers) • Positive Waves (Interesting and Innovative Thinking) • PRINCE EDWARD ISLAND (PEI) Enviro Terror • QUEBEC Prohibition Terror • Rachel Carson • SASKATCHEWAN Enviro Terror Infestation • Satire, Laughs & Insanity • THE AVENGERS • The Successes of Trade Associations • The Failure of BOGUS Green Alternatives • The Failure of BOGUS Organic Golf Courses • The Failure of BROWN Golf Courses • The Failure of Integrated Pest Management • The Failure of Pesticide Free Parks • The Failures of Pesticide Manufacturers • The Failures of Trade Associations • The Industry Strikes Back in Ontario • The Wilhelm Scream • The Wisdom of REAL Experts • TWISTED Precautionary Principle • United States Enviro Terror • Victories Against the Vermin of Enviro Terrorism • Video and Audio • Violating Federal Law • Warnings and Updates • Weapons of Ultimate Environmental Terror • Wind Power (Bogus)

The Whole Truth from an Independent Perspective

Fertilizer Terror **NEVER** Ends

