Myth BUSTING

The Myth Of Bees & Insecticides

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)



Canada's Honey Yield Is TWICE The World's Average

2011

Agriculture Canada

Selected And Adapted Excerpts

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)

Did you know that CANADA'S HONEY YIELD IS TWICE THE WORLD'S AVERAGE?

That's not surprising considering that Canada's wide open spaces, clean natural environment and weather offer perfect conditions for nectar production.

Long days of summer sunshine in Canada's northern climate provide access to bountiful flowering crops that attract a growing number of honeybees.

The result?

Beautiful golden honey loved by consumers in 27 countries worldwide.



There Is NO Bee Crisis

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)





Exposing Misconceptions About The Imaginary Threat Of Pest Control Products

Background Information From An Independent Perspective

Facts About Bee Health And Pesticides

- √ FACT According to Agriculture Canada, there is NO bee crisis since CANADA'S HONEY YIELD IS TWICE THE WORLD'S AVERAGE.
- √ FACT According to a U.S. FEDERAL STUDY, there is NOT ENOUGH EVIDENCE TO SUPPORT A PROHIBITION against Neonicotinoid Insecticides, and that THE COSTS OF PROHIBITION MIGHT EXCEED THE BENEFITS.
- \checkmark FACT Bee Colony Collapse Disorder is NOT AS BAD AS IT IS MADE OUT.
- \checkmark FACT Bee Colony Collapse Disorder will simply lead to a PRICE INCREASE for consumers.
- $\sqrt{\ }$ FACT Bee colony numbers were HIGHER in 2010 than any year since 1999.
- \checkmark FACT Bee deaths are NOTHING NEW since HEAVY LOSSES have been reported in 1853, 1891, 1896, 1960s, 1975, 1998, 2000, and 2005.
- √ FACT Bee-Keepers are LIKELY KILLING THEIR OWN BEES WITH TOXIC FORMIC ACID MITICIDE.
- √ FACT Bee-Keepers have actively rebuilt their colonies in response to increased mortality from Bee Colony Collapse Disorder.



Facts About Bee Health And Pesticides (continued)

- √ FACT Canadian Honey Council, representing Bee-Keepers all across Canada, ACTIVELY OPPOSES PROHIBITION against Neonicotinoid Insecticides, arguing that the harm to growers would be SUBSTANTIAL, and that there will be NO NOTABLE CHANGE in bee mortality.
- $\sqrt{\ }$ FACT Even IF all bees were to die (which they are not), other insects would step in and take over a large part of the pollination, and growers would switch to more self-pollinating plant varieties.
- √ FACT If PROHIBITION is IMPOSED, there is a HIGH PROBA-BILITY many corn growers would switch to other insecticides that are MUCH MORE HARMFUL TO BEES AND ENVIRONMENT.
- \checkmark FACT MOST Bee-Keepers HAVE NOT experienced excessive losses in recent years.
- $\sqrt{\mbox{FACT}}$ Neonicotinoid Insecticides were PROHIBITED in France in the 1990s, and there was NO MARKED REDUCTION in Bee Colony Collapse Disorder.
- $\sqrt{\ FACT}$ Resolving the issues surrounding Bee Colony Collapse Disorder is NOT a simple matter of just PROHIBITING against Neonicotinoid Insecticides.
- $\sqrt{\ }$ FACT Science and statistics DO NOT SUPPORT DEMANDS to PROHIBIT against Neonicotinoid Insecticides used in agriculture.



Facts About Bee Health And Pesticides (continued)

- $\sqrt{\ }$ FACT Statistics Canada reports that the number of honey bee colonies ARE UP, NOT DOWN, in the Province of Ontario and across Canada.
- √ FACT Successful and careful Bee-Keepers say that skilled bee-keeping and Varroa management, coupled with quality hygiene, (the same principles which apply for livestock and poultry producers) is WHAT IS ACTUALLY NEEDED TO ENSURE HIVE SURVIVAL AND PRODUCTIVITY.
- $\sqrt{\ }$ FACT The MOST LIKELY CAUSES of bee deaths is the *Varroa* Mite and associated Viruses.
- √ FACT The quotation « If the bee disappeared off the surface of the Earth, man would have no more than four years to live » that was WRONGLY ATTRIBUTED to Physicist Albert Einstein, and was actually CONCOCTED BY LYING BEE-KEEPERS.
- √ FACT There are MEANINGFUL BENEFITS from Neonicotinoid Insecticides.
- $\sqrt{\ }$ FACT The REAL CAUSES of bee mortality in recent years are Varroa Mites and Nosema Fungal Disease.
- √ FACT There is NO Bee-Apocalypse we may have SOME BEE-PROBLEMS, but NOT a Bee-Apocalypse.



Is There Any Connection Between Neonicotinoid Insecticides And Long-Term Honey Bee Losses ?

Overall, there is NO LEGITIMATE SCIENTIFIC EVIDENCE TO SUG-GEST A LINK between Neonicotinoid Insecticides and long-term honey bee losses in Canada.

There is NO GEOGRAPHICAL CORRELATION between long-term bee losses and insecticide use.

Although some Neonicotinoid Insecticides are toxic to bees upon direct contact (as are many insecticides), they are used in a way that MINIMIZES ANY DIRECT EXPOSURE TO BEES.

Under normal field use, THE EXPOSURE TO BEES IS AT VERY LOW LEVELS, FAR TOO LOW TO CAUSE HARMFUL EFFECTS.

Independent, long-term, controlled field tests have repeatedly shown NO EFFECTS on bee mortality, weight gain, worker longevity, brood development, honey yield, and over-winter survival relative to bees in areas where treated seed was not used.

Many of these studies have been published in peer-reviewed journals and presented at international conferences.



The Bee-Keeper Industry — Here Is What Is Known

Here is a summary of what is known about the Bee-Keeper Industry —

- Bee-Keepers are the LEAST CREDIBLE and the LEAST QUALIFIED to provide any advice concerning Neonicotinoid Insecticides, and therefore, CANNOT BE TRUSTED.
- Bee Colony Collapse Disorder is the FAULT of Bee-Keepers and their MIS-MANAGEMENT PRACTICES.
- Bee-Keepers all over North America are LYING and CHEATING by using ILLEGAL and UNREGISTERED pest control products, like AMITRAZ.
- Bee-Keepers appear to be UNABLE or UNWILLING to get their major pest problems under control, such as VARROA MITES, leading observers to conclude that Bee-Keepers may NOT BE COMPETENT to handle their businesses, and may be WHOLLY UNSUITED to be raising bees.
- Bee-Keepers are blaming insecticides as a PLOY TO DISTRACT the public and Government Officials from the REAL PROBLEMS OF BEE-KEEPERS, such as BOTULISM, a paralytic illness that can be FATAL and KILLS INFANTS.



The Bee-Keeper Industry (continued)

- Bee-Keepers are CONTINUOUSLY STEALING from other bee-keepers, and have essentially been described as a mere bunch of THIEVING RUS-TLERS.
- Bee-Keepers are conveniently overlooking the fact that coated corn seed renders insecticides INACCESSIBLE and HARMLESS and REDUCED RISK to bees.
- Bee-Keepers are HARMING bees, and NOT Neonicotinoid Insecticides.
- Bee-Keepers are ILLEGALLY USING PRODUCTS LIKE AMITRAZ which is known to cause CANCER, and is known to KILL people.
- Bee-Keepers are WRONG about Neonicotinoid Insecticides since the weight of the scientific evidence clearly shows that they CAUSE NO HARM TO BEES.
- Bee-Keepers avoid admitting that agricultural FUGITIVE DUST may be ONLY ONE OF SEVERAL POSSIBLE ROUTES OF BEE EXPOSURE to pest control products.
- Bee-Keepers fail to admit that there are only an INFINITESIMALLY SMALL NUMBER OF BEE LOSSES that actually caused by Neonicotinoid Insecticides.



The Bee-Keeper Industry (continued)

- Bee-Keepers HAVE NO IDEA WHAT THEY ARE DOING, leading some observers to conclude that Bee-Keepers may NOT BE COMPETENT TO RAISE BEES.
- Bee-Keepers KNOW ALMOST NOTHING ABOUT PEST CONTROL PRODUCTS.
- Bee-Keepers know full well that VARROA MITES are the primary problem associated with bee mortality, and NOT Neonicotinoid Insecticides.
- Bee-Keepers produce THE ONLY KNOW FOOD PRODUCT that has been proven to be LINKED TO INFANT BOTULISM AND DEATH.
- Bee-Keepers use ILLEGAL, UNREGISTERED, DEADLY, and CANCER-CAUSING products, like AMITRAZ, and thus, Bee-Keepers are producing potentially DANGEROUS HONEY.
- If Bee-Keepers are CAPABLE OF LYING AND CHEATING AND STEALING AS BEE RUSTLERS, then they are also capable of LYING AND CHEATING with their public statements against insecticides.
- VARROA MITES are the primary problem associated with bee mortality, and NOT Neonicotinoid Insecticides.
- Neonicotinoid Insecticides are NOT killing bees, the Bee-Keepers themselves ARE KILLING THEIR OWN BEES. (See next segment.)



The Bee-Keeper Pitchfork Rebellion

Bee-Keepers are ABSOLUTELY WRONG about bee mortalities!

Their ALLEGATIONS are SO RIDICULOUS that observers are beginning to speculate with the following proposed scenario about the dead bees contaminated with insecticide ...

THE BEE-KEEPERS DELIBERATELY KILLED THEIR BEES WITH NEONICOTINOID INSECTICIDES.

In 2012 and 2013, when Heath Canada visited Bee-Keepers to evaluate their dead bees, THERE WAS NO LEGITIMATE CHAIN OF CUSTODY FOR THE SAMPLES OF DEAD BEES THAT WERE ALLEGEDLY POISONED BY INSECTICIDE.

How is this possible?

Enviro-Lunatic Bee-Keepers are like RELIGIOUS-EXTREMISTS who harm themselves by setting themselves on fire.

Bee-Keepers are rising up against government, and Health Canada, in a TWISTED ENVIRO-LUNATIC VERSION of the PITCHFORK REBELLION.

BEE-KEEPERS DELIBERATELY KILLED THEIR BEES WITH THE MALICIOUS INTENT OF COERCING AND INTIMIDATING GOVERNMENT OFFICIALS INTO PROHIBITING PEST CONTROL PRODUCTS.



The Bee-Keeper Pitchfork Rebellion (continued)

Observers believe Anti-Pesticide Bee-Keepers would POISON themselves and their bees, just like in Oregon, with another PITCHFORK REBELLION led by Enviro-Lunatic Day Owens at Triangle Lake, in Oregon.

Day Owen and several other Triangle Lake Enviro-Lunatics tested higher than normal for ingredients like atrazine and 2,4-D herbicides.

Nonetheless, the Triangle Lake test results were still within the safety range according to the State Pesticide Department.

Observers have indicated that it is NO MERE COINCIDENCE that their levels were greater than most tested.

In all likelihood, these Triangle Lake lunatics DRANK THE HERBICIDES with the MALICIOUS INTENT OF COERCING AND INTIMIDATING GOVERNMENT OFFICIALS INTO PROHIBITING INSECTICIDES.

This scenario is EXTREMELY PROBABLE.

After all, Anti-Pesticide Bee-Keepers are EXTREMISTS who are KNOWN TO BE LYING SACKS OF CWAP.

BEE-KEEPERS TAMPERED WITH THE SAMPLES PROVIDED TO HEALTH CANADA.

In all likelihood, a small number of Anti-Pesticide Bee-Keepers, mostly in Ontario, POISONED THEIR BEES with Neonicotinoid Insecticides for the same objectives.

This scenario is also EXTREMELY PROBABLE.



The Bee-Keeper Pitchfork Rebellion (continued)

Overall, throughout the rest of the world, there is NO LEGITIMATE SCI-ENTIFIC EVIDENCE THAT SUGGESTS A LINK between Neonicotinoid Insecticides and bee deaths, or Bee Colony Collapse Disorder.

These scenarios are possibilities that have not yet been proven.

At the very least, Health Canada should consider these possibilities during its investigation.

However, Health Canada should further investigate as to WHY ONLY A VERY LIMITED NUMBER OF BEE-KEEPERS WERE AFFECTED.

Between April and June 2012, Health Canada received only A SMALL NUM-BER OF REPORTS OF BEE LOSSES from across southern Ontario, involving a MERE 40 BEE-KEEPERS, as well as 1 report from Quebec.

At present, there are 2,900 Bee-Keepers in Ontario, therefore, the affected Bee-Keepers represent less than 1.5 per cent of all Bee-Keepers in Ontario.

In 2013, Health Canada said it continued to receive A VERY SMALL NUM-BER of bee mortality reports from both corn- and soybean-growing regions of Ontario and Quebec, as well as Manitoba.

Again, WHY ARE ONLY A VERY SMALL NUMBER OF BEE-KEEPERS AF-FECTED ?!?!



The Bee-Keeper Pitchfork Rebellion (continued)

WHY ARE MERE UNSCIENTIFIC REPORTS FROM BEE-KEEPERS CONSIDERED AS SUFFICIENT EVIDENCE TO SUPPORT A DECISION FROM HEALTH CANADA ?!?!

WHY HASN'T HEALTH CANADA INVESTIGATED THE TAMPERING OF SAMPLES BY BEE-KEEPERS ?!?!

Moreover, Health Canada should be TESTING the Bee-Keepers' RESI-DENCES and CLOTHING for residue.

Observers point out to how much money the Bee-Keepers will make once they LAUNCH A CLASS-ACTION LAWSUIT that is supported by the PO-LITICALLY-MOTIVATED results of a Health Canada investigation.

Anti-Pesticide Lunatic Bee-Keepers WILL SAY ANYTHING AND DO ANY-THING in order to INCREASE THE PROFIT of their VESTED INTERESTS.

Additionally, Bee-Keepers WILL SAY ANYTHING AND DO ANYTHING in order to COERCE AND INTIMIDATE GOVERNMENT OFFICIALS INTO PROHIBITING INSECTICIDES.

Remember, Anti-Pesticide Bee-Keepers are KNOWN TO BE LYING SACKS OF CWAP.

Bee-Keepers LIE and LIE and LIE! They NEVER STOP!

Neonicotinoid Insecticides are NOT killing bees.





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 CLO-SURE 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 REVO-CATION 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 eventua 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

FORCE OF NATURE was launched for CONTINUOUS transmission on the Internet on January 1st, 2009 — however, the VERY FIRST Stand-Alone FORCE OF NATURE Report was issued on September 19th. 2008.

By early 2009, the reports were released no more than five times per week, but by August 25th, 2009 FORCE OF NATURE was produced on a DAILY basis.

On March 15th, 2010, Uncle Adolph independently launched the Blog-Site called The Pesticide Truths, for the posting of information right-off-the-press

By May 27th, 2010, Uncle Adolph expanded Pesticide Truths to a SECOND Blog-Site, and independently acquired the rights to archive the ENTIRE FORCE OF NATURE Library of Reports.

By mid-December 2010, ENTIRE FORCE OF NATURE Library of Reports was FULLY SUMMA-



RIZED and CROSS-REFERENCED, and by early 2012, the library was archived on The Pesticide Truths Web-Site. in the form of Web-Pages.

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 or 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 LET-TERS 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 ornal mental 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 aciivists 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.