

General Description of Fiesta Herbicide

Fiesta is a so-called Green Alternative Product to three-way phenoxy turf herbicides such as Killex.

Fiesta contains 4.43 per cent Fe (iron present as FeHEDTA, a chelated iron)

Fiesta is packaged as a SOLUTION (SN)

Fiesta is NOT a « natural » or « organic » product.

Professional Lawn Care Companies that have employed these inaccurate terms in their advertising campaigns have been instructed by Health Canada to DESIST.

Use of Fiesta Herbicide

Fiesta is registered as a commercial herbicide concentrate and a lawn weed killer.

Fiesta is registered for use on - • athletic fields • cemeteries • golf courses • lawns • non-crop areas • parks • rights of way.

Fiesta is registered for application on — • Chewings fescue • creeping fescue • Kentucky bluegrass • perennial ryegrass • tall fescue.

According to Health Canada, the MINIMUM rate of Fiesta is intended for application to SMALLER WEEDS, while the MAXIMUM rate is intended for application to LARGER WEEDS, or more difficult to control perennial weeds.

Experimental results were adequate to allow a maximum LIMIT of two applications per season with no less than four weeks between applications. For effective weed control, TWO SUCCESSIVE APPLICATIONS of Fiesta will likely be necessary in most situations. With this LIMITATION in the number of applications per season, Fiesta can ONLY BE USED in either the spring, or fall, but NOT BOTH.

Fiesta may be better suited for LIMITED SPOT APPLICATIONS in Professional Lawn Care programs because of its STAGGERING COST, and LACK OF AVAILABILITY in the market–place. It certainly cannot be a major component in a weed control program.

Problems with supply and cost have forced Professional Lawn Care Companies to UNWISELY select the LOWEST RECOMMENDED RATE of application, which is LESS EFFECTIVE. Some companies have even resorted to the use of FERTILIZER-GRADE sources of iron.

Cost of Fiesta Herbicide

Fiesta is STUNNINGLY MORE EXPENSIVE than conventional pest control products.

The cost of an application of Fiesta may range from 13 TO 26 DOLLARS per 1000 square feet. This represents a cost that is 31 TO 62 TIMES HIGHER THAN KILLEX, a three—way phenoxy herbicide used for conventional broad—leaved weed control. The material cost of Fiesta may range from 50 to 100 DOLLARS per average 4000—square—foot lawn, depending upon the application rate.

Consequently, Professional Lawn Care Companies have had to DOUBLE or TRIPLE the customer cost of an application of weed control.

There may also be issues with some Professional Lawn Care Companies that will « *spike* » their BLAN-KET WEED CONTROL PROGRAMS with 2,4–D and illegal Beet Juice in order to PROVIDE EFFECTIVE WEED CONTROL. This will give the FALSE IMPRESSION that Fiesta is efficacious AND economical.

Efficacy of Fiesta Herbicide

Fiesta is NOT MORE EFFECTIVE when compared to conventional pest control products like 2,4-D or Killex

Fiesta may be ALMOST TOTALLY INEFFECTIVE on many weed species, and SLIGHTLY EFFECTIVE or DANDELION and BLACK MEDICK.

Weed species such as Clover, Broad & Narrow-Leaved Plantain, Chicory, Ground Ivy, Mallow, Oxalis, and Thistle respond to application with MINOR DAMAGE ONLY, and RECOVER RAPIDLY, even when the label rate is DOUBLED.

Many weed species recover from an application of Fiesta WITHIN TWO WEEKS.

Consequently, TWO SUCCESSIVE APPLICATIONS AT THE HIGHEST RECOMMENDED RATE will likely be necessary in most situations. Additional applications are NOT permitted by the label, which allows a maximum limit of TWO APPLICATIONS PER SEASON with no less than four weeks between applications.

In its advertising campaign, the manufacturer of Fiesta tends to use the terms « control » and « suppression » interchangeably, although the Fiesta label itself mostly employs the term « control », except for Broad-Leaved Plantain, which can only be « suppressed », or PARTIALLY CONTROLLED, by Fiesta.

Predictably, moss and algae are also « suppressed » by Fiesta.

It is interesting to note the manufacturer's series of testimonial photos showing Dandelion « deaths » were staged in the middle of a « weed garden », rather than a true representative turfgrass sward.

Input of Fiesta Herbicide

Fiesta requires EXTREMELY-HIGH-INPUTS OF ACTIVE INGREDIENTS when compared to conventional pest control products.

The exceedingly high a.i. rate of Fiesta seems to fly in the face of the desired environmentalist objective of reducing the amount of active ingredient being applied in pest control product programs.

Skin Exposure with Fiesta Herbicide

Fiesta may be QUESTIONABLY EQUAL OR HIGHER IN PROBLEMS ASSOCIATED WITH SKIN EXPOSURE when compared to products like Killex, a three–way phenoxy herbicide used for conventional broad–leaved weed control.

According to the Fiesta label, prolonged or frequently repeated skin contact may cause ALLERGIC RE-ACTIONS in some individuals.

According to Health Canada, the signal words for Fiesta are « *potential skin sensitizer* » and « *may cause skin sensitization* ».

By comparison, Killex may cause severe irritation to the eyes, and irritation to the skin and mucous membranes

Toxicity of Fiesta Herbicide

Fiesta is NOT safer when compared to conventional pest control products like Killex, a three-way phenoxy herbicide used for broad-leaved weed control.

Both Fiesta and Killex have a LOW TOXICITY, with Oral LD50 greater than 5000 mg per kg

This value indicates that BOTH products, in their concentrated pre-diluted form, are safer than household items such as baking soda, caffeine, ethanol, and table salt.

Personal Protection from Fiesta Herbicide

Fiesta may require SLIGHTLY MORE PERSONAL PROTECTION for the applicator, especially the EYES Fiesta requires protective EYE–WEAR, as well as WATERPROOF GLOVES.

By comparison, Killex requires coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes, but NO eye-wear.

Fiesta cannot be considered safer when compared to conventional products like Killex.

Phyto-Toxicity Caused by Fiesta Herbicide

Fiesta may have the negative side–effect of PHYTO–TOXICITY, which occurs when the application of a product can adversely affect desirable turf growth.

According to Health Canada, overall injury of Fiesta to turf is LOW, and phyto-toxic problems consists principally of LEAF DARKENING, and perhaps SOME LEAF NECROSIS, which is the premature death of cells and living tissue.

LEAF DARKENING is NOT surprising, since Fiesta is an iron-based product — turfgrass leaf blades may DARKEN, leading to the classic « *blackening effect* », which is caused by the oxidization of iron particles on the surface of the leaf.

LEAF DARKENING is non-lethal

Corrosion Caused by Fiesta Herbicide

liesta may have the negative side-effect of CORROSION

As with all iron products, including fertilizer—grade materials, Fiesta may be CORROSIVE to certain metal parts on the sprayer used for its application.

Staining Caused by Fiesta Herbicide

Fiesta may have the negative side-effect of STAINING NON-TARGET SURFACES

As with all iron products, including fertilizer—grade materials, there are issues with STAINING of hard surfaces, such as white concrete and pressure—treated wood — such stains are extremely difficult, or nearly impossible, to remove.

Moreover, in order to avoid the staining of by-stander shoes and clothing, the Fiesta label recommends waiting until treated area has dried before re-entry.

Fertilizer Tank Mix

Fiesta cannot be mixed with liquid fertilizer, whereas the Killex label permits tank-mixing. It is a STAND-ALONE product that must be applied separately from others.

Health Concerns About Fiesta Herbicide

Since Fiesta contains a « metal ingredient », there will inevitably develop the same controversy that led to the demise of the fertilizer Milorganite in Canada in the 1980s and 1990s.

The « heavy metal » content of Milorganite was falsely alleged by Environmental-Maniac-Activists to lead to health problems like Lou Gehrig's Disease. Consequently, the product was withdrawn for several years.

When the use of Fiesta becomes more widespread, MALICIOUS Enviro—Maniac—Activists may conjure HEALTH PROBLEMS associated with IRON ... such as Hemochromatosis.

Consequences

Since there are NO viable, efficacious, or economical Green Alternative Products to replace conventional herbicides, a large number of Professional Lawn Care Companies in the Province of Ontario are UNABLE to satisfy their customers with adequate broad–leaved weed control.

Professional Lawn Care Companies DO NOT have optimistic futures

SEVEN HUNDRED AND EIGHTY BUSINESSES are expected to FAIL or suffer BANKRUPICY within thirty–six months after the prohibition of conventional pest control products in the Province of Ontario.

Consequently, a consensus is building among members of Lawn Care Franchise Companies seeking damages with a class—action lawsuit against any Parent—Company that did not adequately oppose or prepare for prohibition. These Parent—Companies FAILED to provide their franchise members with RE-LIABLE, EFFICACEOUS, and ECONOMICAL Alternative Green Products.

Moreover, many of these same Lawn Care Franchise Companies that have employed inaccurate terms like « natural » or « organic » to describe Fiesta in their advertising campaigns. These companies have been instructed by Health Canada to DESIST.

Fiesta is NOT a « natural » or « organic » product.



naturally-occurring substance, as opposed to



must have the active ingredient that is deplant by-products. >>



Organic and Natural Fertilizers Under the Canadian Fertilizers Act

December 15th, 2009

Selected and adapted excerpts

However, there is information contained in the Fertilizers Act and Regulations

and will likely be adopted by Health Canada.

Organic Fertilizer

FIED REMAINS OF ANIMALS AND PLANTS.



Natural Fertilizer

physical processes such as crushing and drying, may be described as « derived

phate of potassium-magnesia that has been derived from ores that have been sources such as the natural brines of Great Salt Lake, Utah, and Searles Lake

Environmentally Beneficial

Miscellaneous Terms

Safety

Any product containing composted materials, or plant nutrients may represent



The Early History of Natural Pest Control Products

The first known « natural » pest control product was Elemental Sulfur Dusting used in Ancient Sumer about 4,500 years ago in Ancient Mesopotamia.

By the 1400s, toxic « natural » chemicals such as Arsenic, Mercury, and Lead were being applied to crops to kill pests.

The 1800s saw the introduction of two more « natural » pest control product —

kill practically one hundred per cent of Sod Webworm larvae in turf.

As early as 1848, Rotenone was used as an insecticide in the United States. Rotenone-bearing plant roots included — barasco, cube, derris, and timbo. Rotenone eventually became effective in controlling the Chinch Bug in turf.

son baits » for controlling turf insects such as Cutworm larvae.

In 1874, DDT was first synthesized, but its usefulness as an insecticide would



In 1875, « Kerosene emulsion » spray was developed for insecticidal purposes. Kerosene is extracted from coal. By 1940, it was recommended that one part of this emulsion be diluted with 10 parts of water, and applied at a rate of 1 gallon per 10 square feet for the control of Sod Webworm larvae. The emulsion was a the following components — Kerosene, hard soap, and water.

In 1885, Poison Baits containing poisons were developed for controlling in-

Poison Baits of varying compositions were used as a means of destroying Cutbecame Lead Arsenate.

The most effective Poison Bait was a concoction that needed to be prepared by the turf manager — it consisted of the following components — Paris Green

In 1889, in Medford, Massachusetts, the Gypsy Moth population exploded. and yards were covered with caterpillars and their frass (i.e. excrement).

Frantic to control the outbreak, homeowners even burned the Gypsy Moth lar-

Kerosene was replaced in 1892, another arsenical insecticide, Lead Arsenate,

The end-user originally prepared a concoction of Lead Arsenate by reacting than Paris Green, and it adhered better to leaf surfaces.

At about the same time, Creosote Oil was also discovered as an ovicide for the

From 1907 to 1911, the chemical industry began the commercial production of

Some Professional Lawn Care and Distribution Companies have employed inaccurate terms like « natural » or « organic » to describe Fiesta Herbicide in their advertising campaigns.

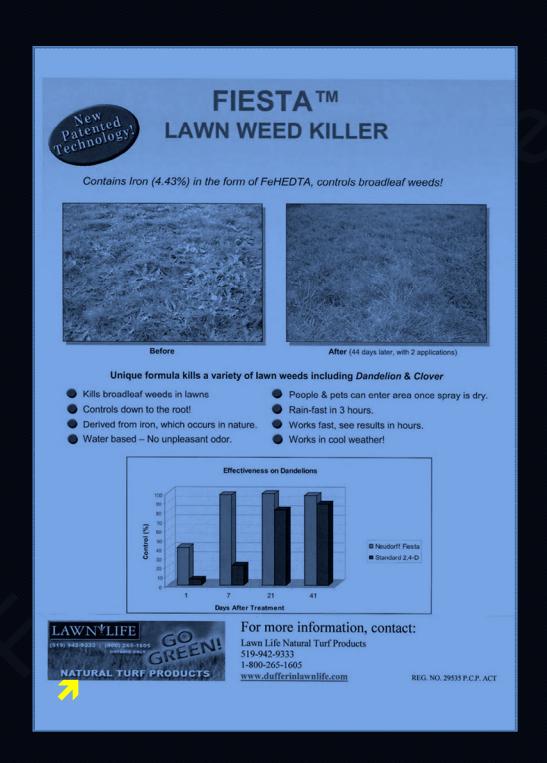
The terms have been used DIRECTLY and INDIRECTLY.

Companies have been instructed by Health Canada to DESIST.

Fiesta is NOT a « natural » or « organic » product.

Varning

Fiesta Herbicide is NOT a natural product





Fiesta Time — LawnSavers' new weed killer

Lawn Saver's Web Site

Retrieved June 9th, 2010

I am excited to be able to let you know about our brand-new and effective natural weed control product.

promise to give you a green, healthy lawn you can live on.

Here are some of the results we are already seeing.

Fiesta was developed as a **natural**, **organic** alternative to chemical pesticides.

Health Canada and the Ontario Ministry of Environment approved it for use in

[Commentary from an Independent Perspective — Why the heck would a company adopt a term that contains the word « Killer » for the purpose of advertising safe and ef-



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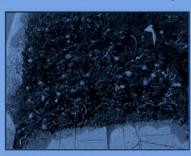
Fiesta Time - LawnSavers' new weed killer

by John and Kyle on May 18, 2010

I am excited to be able to let you know about our brand-new and effective natural weed control product.

Called Fiesta, this new liquid gives us the power to reliably control broadleaf weeds on your lawn, and reduce them to a manageable number as part of our promise to give you a green, healthy lawn you can live on.

Here are some of the results we are already seeing. (this product is a stronger, more concentrated and non-diluted form of the same active ingredient in Scott's Weed-b-gon)



An untreated snarl of dandelions on May 14th in the morning



Here is the same patch just one day later

Fiesta was developed as a natural, organic alternative to chemical pesticides. Health Canada and The Ontario Ministry of En. ... men. ... roved it for use in May 2010 - it's that new. The active



Weed control is Back Ontario!

Nutri-Lawn

Nutri-Lawn, North America's leader in ecology friendly lawn care is very excited to offer its customers the best Natural Weed Control product to hit the market since the Ontario wide ban of pesticides, one year ago.

Fiesta Lawn Weed Killer received federal regulatory approval by the PMRA weeds in turf. Nutri-Lawn is proud to be one of the first companies to have tested the product and now have this service into production throughout On-

Fiesta is a natural alternative to the traditional three-way chemical herbicides such as Killex that have been banned in the province of Ontario.

Nutri-Lawn has continued to expand in Canada and the United States due to the success of its **Ecology** Friendly approach. They have built a reputation on



Fiesta Weed Control

Nutri-Lawn Web Site

The New Revolutionary, Effective, All Natural Guaranteed Weed Control!

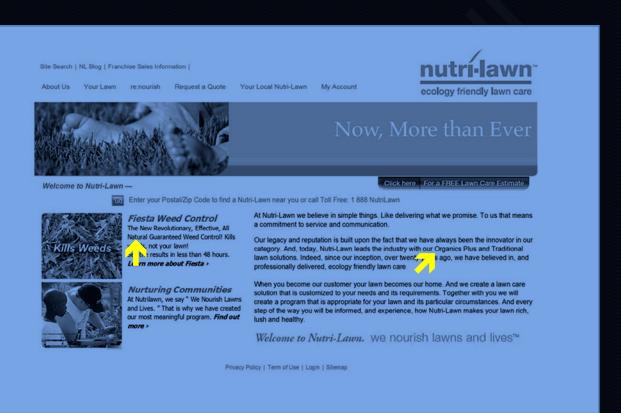
Kills weeds, not your lawn!

See the results in less than 48 hours. Learn more about Fiesta.

At Nutri-Lawn, we believe in simple things. Like delivering what we promise.

Our legacy and reputation is built upon the fact that we have always been the

And, today, Nutri-Lawn leads the industry with our Organics Plus and Tradi-





Nutri-Lawn Introduces Natural Weed Control, One Year after Ontario Pesticide Ban

Nutri-Lawn introduces Fiesta, a new Natural Weed Control.

Nutri-Lawn, North America's leader in ecology friendly lawn care, is very excited to offer its customers the best Natural Weed Control product to hit the

Fiesta Lawn Weed Killer (Reg. No. 29535 P.C.P. Act) received federal regulabroadleaf weeds in turf.

Nutri-Lawn is proud to be one of the first companies to have tested the product and now have this service into production throughout Ontario with plans for other markets this summer.

This new product was developed by Neudorff North America.

such as Killex, that have been banned in the provinces of Ontario and Quebec and many municipalities across Canada. Its timely introduction comes in a

The active ingredient of Fiesta is Iron in the form of FeHEDTA.

form FeHEDTA. Fiesta contains 4.43% Iron in the form of FeHEDTA.



Nature's Touch Weed Killer

Weed Man Web Site

Retrieved June 10th, 2010

Nature's Touch is a line of exclusive Weed Man services developed for those customers looking for organic-focused healthy lawn care solutions.

We are pleased to announce the introduction of Nature's Touch™ Weed Killer to our line of green solutions for a healthy lawn.

What is **Nature**'s Touch Weed **Killer**?

Weed Man's Nature's Touch™ Weed Killer is a unique formula derived from

It controls lawn weeds down to the root and can be used in cool weather.

lawn until the product is dry.

How does Nature's Touch™ Weed Killer work?

Grass will show very little signs of stress from Nature's Touch Weed Killer.



How Long Does It Take for **Nature**'s Touch™ Weed **Killer** to Work?

Please contact your local Weed Man Professional if you are still not seeing re-

Will **Nature**'s Touch™ Weed **Killer** damage my lawn?

Why Is There A Pesticide Sign On My Lawn?

the Pest Management Regulatory Agency as a pesticide.

Provincial law may further require the posting of a pesticide sign after each ap-

Watering: Nature's Touch™ Weed Killer cannot be applied to a lawn that is under drought stress.

Mowing: Normal mowing practices can be resumed 3 days after the application.

NATURE'S TOUCH™ WEED KILLER





Nature's Touch is a line of exclusive Weed Man services developed for those customers looking for organic-focused healthy lawn care solutions. Weed Man is continuously involved in new technology research and development, to bring you better, even more effective lawn care treatment, as part of the Weed Man healthy lawn programs. We are pleased to announce the introduction of Nature's TouchTM Weed Killer to our line of green solutions for a healthy lawn.

What is Nature's Touch Weed Killer?

Weed Man's Nature's Touch Weed Killer is a unique formula derived from iron. It controls lawn weeds down to the root and can be used in cool weather. It reacts quickly and it is recommended that people and pets remain off the lawn until the product is dry.

It works by giving the weeds to much of a good thing. The weeds absorb the iron and this ends up controlling them. Unlike grass, Weeds are not able to handle high levels of iron. Grass will show very little signs of stress from Nature's Touch Weed Killer.

How Long Does It Take for Nature's Touch™ Weed Killer to Work?

Customers will usually see results of the product in a few hours. Please contact your local Weed Man Professional if you are still not seeing results after 2 days.

Will Nature's TouchTM Weed Killer damage my lawn?

No. The grass in your lawn may turn a darker green in the areas treated, but this will go away within the second week of application.

Federal law requires any product used to control a pest must be registered with the Pest Management Regulatory Agency as a pesticide. Provincial law may further require the posting of a pesticide sign after each application of a registered pest control product. Please contact your local Weed Man Professional if you have any further questions.

Listed below are some important instructions you should follow.

Watering: Nature's Touch™ Weed Killer cannot be applied to a lawn that is under drought stress. It is important that your lawn is watered on a regular basis and ideally, the night before the service is performed. Do not water your lawn for at least 3 hours after the



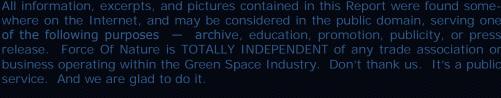
Force Of Nature presents THE WHOLE TRUTH FROM AN INDEPENDENT PERSPEC—TIVE from National Organization Responding Against Huje that seek to harm or misinform the Green Space Industry (NORAHG). It is a series of Reports destined for the Green Space Industry, the Environmental Terror Movement, Governments, and the Media, nationwide across Canada, the United States, and overseas. This Report has been developed for the education and entertainment of the reader by providing TECHNICAL INFORMATION WITH COMMENTARY. The neutrality of the Report might be disputed.



The information presented in this Report is for preliminary planning only. Before making a final decision, the turf manager is expected to obtain trusted expert advice from extension specialists, local distributors and/or agronomists. All decisions must take into account the prevailing growing conditions, the time of year, and the established management practices.



All products mentioned in this Report should be used in accordance with the manufacturer's directions, and according to provincial, state, or federal law. For the official advantages, benefits, features, precautions, and restrictions concerning any product, the turf manager must rely only on the information furnished by the manufacturer. The mention of trade names does not constitute a guarantee or a warranty.





Force Of Nature is the brainchild of William H. Gathercole and his entourage. 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 distribution. Mr. Gathercole has supervised, consulted, programmed, and/or overseen the successful execution of hundreds of thousands of management operations in the urban landscape. He has trained, instructed, and advised thousands of turf managers and technicians. Mr. Gathercole has also been an agricultural agronomist. Mr. Gathercole is personally credited for crafting the Exception Status that has allowed the Golf Industry to avoid being subjected to the prohibition of pest control products. He is also the creator of the signs that are now used for posting after application. Mr. Gathercole is now retired from Force Of Nature, although his name continues to appear as the founder.



The following editions of Force Of Nature are currently available — • A Look At ... • Environmental Terror NEVER Ends • Environmental Terror Talk • Environmental Terrorists Unmasked • Famous Quotations • Fertilizer Terror • Heroes • Myth-Busting • Needless Hysteria • Paranoid Theories • Pets and Lawn Care Chemicals • Positive Waves • Provincial Conspiracies Prohibiting Pest Control Products • Rachel Carson, the Queen of Junk Science • Reining a Terrorist Reaction • The 9/11 Era of the Green Space Industry • The Failure of Integrated Pest Management • The Industry Strikes Back • The Looming Golf Industry Shipwreck • The Misconceptions About Cancer • The National Annihilation of the Modern Green Space Industry • Update • Warning •



