

# The Wisdom of Drysdale !

## Part 3

### TREE SPRAYING

November 22<sup>nd</sup>, 2009

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Celebrity Horticulturist.



**I** see it as a bit of a joke that the Ministry of Forests wants to inflict a somewhat controversial, not well tested insecticide on thousands of Richmond [ British Columbia ] residents and yet that city's own council bowed to the threats of a few enviro-maniacs and voted to ban well-tested products such as 2,4-D from homeowners' lawns. >>

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Two announcements in the news this week having to do with spraying insecticides, specifically tree insecticides.

The first came from **British Columbia** where the **Ministry of Forests** wants to do up to four **AERIAL APPLICATIONS** of **Foray 48B** in **Richmond** between **April 15** and **June 30** to control **GYPSY MOTHS** which threaten forests, farms, orchards and trees.

**Gypsy  
Moth  
larva**



**Aerial  
spraying**

Basically, **Foray 48B** is a ' **NATURAL** ' *BACILLUS THURINGIENSIS* product, specifically **BT KURSTAKI** which itself is **NOT** naturally-occurring. Ministry official **Tim Ebata** says proposed spraying would **NOT** be covered by a **Richmond** [ British Columbia ] bylaw passed recently banning pesticide spraying because that ban was designed primarily to stop spraying of lawns and does not apply to agriculture or forestry. The Ministry says the spray does not harm humans, mammals, birds, fish, plants or reptiles.

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I see it as a bit of a joke that the **Ministry of Forests** wants to inflict a somewhat controversial, not well tested insecticide on thousands of **Richmond** residents and yet that city's own council bowed to the threats of a few **enviro-maniacs** and voted to ban well-tested products such as 2,4-D from homeowners' lawns.

### Enviro-Maniac Logo



### Enviro-Maniac Protesters

According to **No Spray Zone**, a voluntary lobby organization formed in Washington State in **2000** ...

*" It is claimed that Btk is a natural insecticide that is found in the soil and is used on organic crops. This is only partly true. While Btk is used somewhat today as an organic pest control, there is increasing awareness in the or-*

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*ganic farming community that Btk could soon be a genetically modified organism and probably should be avoided. When we eat vegetables or fruits sprayed with Btk, we only swallow a tiny amount of it, especially since most of the Btk is destroyed by the UV in sunlight after a few days of exposure. During a neighbourhood spraying one would expect to inhale more Btk spores than would be consumed in a year's worth of food. In addition, Btk is inactivated to some extent by ingesting it, but its spores may germinate and temporarily colonize the human respiratory tract after sprayings. ”*

*“ All subspecies of Bt produce a substance, called a protoxin, that becomes poisonous when it is ingested by target insects (caterpillars for Btk). The only reason we are not poisoned is that the acid in our digestive tract deactivates the protoxin. However, this might not be completely true if you inhale Btk protoxin. Btk is also toxic in its own right; in the lab it has been observed to destroy cell walls in animal tissue. ”*

*“ Btk insecticidal strains produce protoxin at a level higher than that of the organisms commonly found in soil. The protoxin itself is isolated as a chemical (called crystalline protoxin*



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*or parasporal inclusion bodies) and mixed with the Btk in Foray 48B. ”*

Aside from the **BTK**, the product also contains a number of other ingredients which are considered inert, but some researchers plainly state that they could be dangerous to humans and other ‘ *CREATURES* ’. One of those inerts is **BIT** ( *1,2-BENZISOTHIAZOLIN-3-ONE* ).

Again, according to **NO SPRAY ZONE** ...

*“ BIT has been positively revealed to be one of the "inert" ingredients in Foray 48B. BIT is a "biocide " (a disinfectant) that is used as an additive to paints, for example, to prevent the growth of unwanted bacteria, yeasts, or moulds. It probably is being used in Foray 48B to prevent growth of organisms other than Btk while the material is being shipped and stored. ”*

*“ BIT was banned in 2001 from being discharged into the environment in the Netherlands because it is toxic to aquatic life and because there are troubling issues with human interactions. A conclusion from their government health ministry report : ‘ Refined risk assessment shows that BIT is a very hazardous substance (when used in certain applications) ’. ”*

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Now, let's consider the recent announcement by **Bio-Forest Technologies** of **Sault Sainte Marie, Ontario**, that the **U.S.** company **J.J. Mauget** will be the exclusive distributor of a new systemic bio-insecticide product known as **TreeAzin**. It is formulated with **AZADIRACTIN**, a natural extract of the **NEEM tree seed**, and is the **ONLY** tree-injected **NEEM** seed product with an **Organic Materials Review Institute ( OMRI )** listing. ( Most gardeners will have at least tried **NEEM** oil, which though **NOT** licensed for pest-control in Canada, does work well for those purposes. )

**Neem  
tree**



**Neem  
product**



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Nate Dodds, president of J.J. Mauget Co., said he's impressed with **TreeAzin's** efficacy. **TreeAzin** is an anti-feedant and growth disruptor labelled for use against defoliating insects, budworms and pests like the **Gypsy Moth**. ( Recall the previous item now ! ) Research has also shown that very low doses of **TreeAzin** inhibit larval development and prevent adult emergence of **Emerald Ash Borer**, working best when used in advance of infestation.

### Emerald Ash Borer



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The **Emerald Ash Borer** has become a particularly devastating pest in south-western and southern Ontario and the removal of thousands of ash trees has resulted. If **TreeAzin** can be successfully proven to be totally effective against the Emerald ash borer, this would be major progress — and it is a Canadian development!

So, do we in fact have an alternative for the questionable **BTK** which must be aerial-sprayed ?

## TreeAzin



The sole method of injecting the new **TreeAzin** systemic bio-insecticide is the **Eco-Ject** system, also from **Bio-Forest Technologies**. **TreeAzin** has an emergency registration from **Health Canada's Pest Management Re-view Agency** and may be available for home gardener use here in the future. In the **U.S.**, it is fully approved by the **Environmental Protection Agency ( EPA )** and is available to homeowners from some distributors.



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**Art Drysdale** is one of Canada's best-known horticulturists. For the past four decades he has been writing, and presenting radio and television broadcasts, with practical garden hints on stations such as CFRB, AM740 and CFCA. He also presented all of Canada's Weather Network gardening vignettes, hourly from April to October annually for a decade; as well as being the spokesman for The Garden Claw across the country. A life-long resident of Toronto and a horticulturist well known all across Canada, Drysdale is now a resident of Parksville, British Columbia on Vancouver Island, just north of Nanaimo. He has renovated an old home and has a new garden there. His radio gardening vignettes are heard in south-western Ontario over two radio stations : Easy 101 FM out of Tillsonburg at 2 PM weekdays and CD98.9 FM out of Norfolk County at 11:40 AM weekdays.



As a speaker Drysdale has addressed amateur and professional groups all across Canada, as well as in the U.S., England, Holland, Switzerland, Australia, South Africa, and aboard cruise ships. Drysdale graduated from East York Collegiate in 1957, with the Ontario Secondary School Honour Graduation Diploma. He was active and held several executive positions in the East York Garden Club, 1955–69. He attended The Niagara Parks Commission School of Gardening (now NPC Botanical Garden and School of Horticulture), 1958–61, where he won all five awards presented at the graduation. He initiated/edited the school's first yearbook.

From graduation in March 1961 until August 1962 Drysdale worked with the Shur-Gain Division of Canada Packers where he developed new consumer fertilizer products (Feed 'n Weedaway, for example), wrote various consumer literature, and consulted with consumers and the turf industry. He was then employed with Sheridan Nurseries Limited, 1962–69, Drysdale was Chief Horticulturist and Advertising Manager, with full responsibility for their catalogues and botanical nomenclature. In December 1963, Drysdale began writing a feature column for a new magazine, Canadian Nurseryman, and continued to do so until March 1969. He was also a member of the founding committee. In 1964, he was appointed part-time Executive Director and Editor with the Canadian Parks/Recreation Association (CP/RA), with the office in his home. In 1969–70, he was employed full-time as CP/RA Executive Director, and Editor of Recreation Canada. He set up CP/RA's first permanent office in Ottawa in early 1971. From 1971–1978, he free-lanced as a horticultural writer and published/edited Recreation Canada. In 1973, he was appointed Regional Director (Canada) of the Garden Writers Association of America (GWAA). During 1979–81 period he served as President of the Garden Writers Association, the first-ever Canadian to hold the office representing over 1,000 members, mostly in the U.S.A.

In March 1975, Dent Canada published his book Gardening Off The Ground that he wrote on the invitation of the publisher. It was the first Canadian book for balcony gardeners. In July 1996, he self-published a completely revised and enlarged version, including his own colour photos.

Art Drysdale also has his own website at <http://www.artdrysdale.com>

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**Force of Nature** was launched for continuous transmission on the Internet on January 1st, 2009. It is a series of e-newsletters destined for the GREEN SPACE INDUSTRY, the Environmental Terror Movement, government officials, municipalities, and the media, nation-wide across Canada, and parts of the United States and overseas. FORCE OF NATURE is produced in two parts. First, The MEDIA REPORT itself that reports on the current events affecting the future of the GREEN SPACE INDUSTRY. Second, INDEPENDENT PERSPECTIVE, which is a running commentary, sometimes technical in nature. Force of Nature is the WHOLE TRUTH from an INDEPENDENT PERSPECTIVE ! Force of Nature is TOTALLY INDEPENDENT of any trade association or business operating within the Green Space Industry.

FORCE OF NATURE is the brainchild of William H. Gathercole and his entourage. Norah G is actually an acronym for the stable of anonymous producers and writers that contribute to this e-newsletter and have now replaced Mr. Gathercole. They consist of people from the following industries : Distribution, Fertilizer, Golf, Lawn Care, Manufacturing, Municipal, Nursery, Orchard. Many of these people are leaders in their own industries. The opinions expressed in Force of Nature, even though from an INDEPENDENT PERSPECTIVE, may not reflect those of everyone in the GREEN SPACE INDUSTRY, or Mr. Gathercole's many associates. Be warned ! Force of Nature may sometimes be very irreverent and fearless with these e-newsletters. DON'T THANK US. IT'S A PUBLIC SERVICE. AND WE ARE GLAD TO DO IT. Mr. Gathercole is now retired from Force of Nature, although his name continues to appear as the founder.

William H. Gathercole is a 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 and PROFESSIONAL LAWN CARE, and has served in public affairs, workplace safety, and environmental compliance. Mr. Gathercole has supervised–consulted–programmed–overseen the 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 has followed the evolution of ENVIRONMENTAL TERRORISM for over a quarter–century. His involvement in environmental issues reached a fevered pitch in the 1990s, when he orchestrated, with others, legal action against unethical and excessive municipal regulations restricting the use of pest control products. (i.e. the Town of Hudson, Quebec.) For FIFTEEN YEARS, the strategies designed and implemented by Mr. Gathercole and his colleagues guaranteed the control of Enviro–Terror for the Entire Green Space Industry across Canada. Although he can be accused of being ANTI–ENVIRONMENT–MOVEMENT, he is, in fact, simply a strong advocate FOR the GREEN SPACE INDUSTRY, from an INDEPENDENT PERSPECTIVE. However, this position has not precluded him from criticizing the Green Space Industry itself. Nonetheless, his vast knowledge of our long journey with environmental issues is UNDENIABLE. (Hopefully !)

All document excerpts and pictures contained in FORCE OF NATURE were found somewhere on the Internet. We believe that they are in the public domain, serving one of the following purposes : archive, education, promotion, publicity, or press release.

We believe that ENVIRONMENTAL TERRORISM can be STOPPED ! Information presented in FORCE OF NATURE has been developed for the education and entertainment of the reader. The events, characters, companies, and organizations, depicted in this document are not always fictitious. Any similarity to actual persons, living or dead, may not be coincidental. The mission of Force of Nature is as a National Organization Responding Against Huje that harm the Green Space Industry with statements and activities seeking to prohibit FEDERALLY LEGAL, SCIENTIFICALLY SAFE, and TOTALLY IRREPLACEABLE conventional pest control products. Culprits are identified on the basis of their statements, activities, affiliations, and whereabouts. Even though each culprit is a mis–guided adversary, each still deserves our respect. The terms culprit or terrorist are not an accusation of any legal wrong–doing. Force of Nature is simply holding culprits accountable for conspiring to change public policies that TERRORIZE and THREATEN the Green Space Industry. Force of Nature believes that the prohibitionist policies of the Environmental Terror Movement will lead to LOSS OF REVENUES, BUSINESS FAILURES, BANKRUPTCY, and UNEMPLOYMENT, leading to DESPAIR and DESTITUTION for THOUSANDS of people throughout the Green Space Industry. The actions of culprits in the movement are viewed as a form of TERROR against the Green Space Industry.

The following titles are currently available. (Or, will be available in the near future.) ● Alberta Prohibition ● British Columbia Prohibition ● Canadian Association of Physicians for the Environment ● Canadian Environmental Law Association ● Consequences ● David Suzuki Foundation ● DDT and Politicized Science ● Enviro–Money ● Environmental Terrorists Unmasked ● Death and the Environmental Movement ● Environmental Terrorists Unmasked ● June Irwin, The Clown of Junk Science ● Kazimiera Jean Cottam ● LandsCAPE Trades Capitulate ● New Brunswick Prohibition ● Nova Scotia Prohibition ● Ontario Prohibition ● Organic Fertilizers ● Pets and Lawn Care Chemicals ● Prince Edward Island Prohibition ● Quebec Prohibition ● Rachel Carson, The Queen of Junk Science ● Randy Hillier, The Next Premier of Ontario ● Salmon Arm BC Prohibition ● The 9/11 Era of the Green Space Industry ● The Failure of Integrated Pest Management ● The Looming Golf Industry Shipwreck ● The Industry Strikes Back ● The Misconceptions About Cancer ● The National Annihilation of the Modern Green Space Industry ● The Wisdom of Drysdale ● The Wisdom of Holland ● The Wisdom of Lowes ● The Wisdom of Mains ● The Wisdom of the Solomons ● Wisconsin Fertilizer Prohibition ● ASK FOR A COPY OF ANY BACK ISSUE OF FORCE OF NATURE TODAY. READ ALL ABOUT ENVIRO–MANIACS AND THEIR ENVIRONMENTAL TERROR ORGANIZATIONS IN FORCE OF NATURE ! THE WHOLE TRUTH FROM AN INDEPENDENT PERSPECTIVE !

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