

# A Look at ... the Green Alternatives *Sclerotinia minor*



Hypnosis

**THE ORGANO-MANIAC  
LAWN CARE INDUSTRY MUST  
IMMEDIATELY ADDRESS  
THE ISSUES CONTAINED IN  
THE HEALTH CANADA REPORT  
JUNE 27<sup>th</sup>, 2007**

*Sclerotinia minor* is the active ingredient in a product with the brand name of « *Sarritor* ». This product is registered as a pest control product, Registration No. 28545 Pest Control Products Act. It was developed under the bio-herbicide research of Alan Watson of the Department of Plant Science at McGill University, Sainte-Anne-de-Bellevue Campus, in Quebec. Canadian Turfgrass Research Foundation ( C.T.R.F. ) supported the research with its funds in order to address the issue of so-called alternatives to conventional pest control products.

The market longevity of *Sclerotinia minor* is at stake in light of issues being raised with another bio-pesticide, *Bacillus thuringiensis*, once the darling alternative of the Enviro-Maniac-Activists, which is now deemed unacceptable from a safety stand-point. Addressing the issues contained in the following report will help reduce the inevitable clamouring of complaints on the part of activists.

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# A Look at *Sclerotinia minor*



Health Canada  
Pest Management  
Regulatory Agency

Santé Canada  
Agence de réglementation  
de la lutte antiparasitaire

**ERC2007-02**

## EVALUATION REPORT

# *Sclerotinia minor* strain IMI 344141

*(publié aussi en français)*

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Publications  
Pest Management Regulatory Agency  
Health Canada  
2720 Riverside Drive  
A.L. 6605C  
Ottawa, Ontario  
K1A 0K9

Internet: [pmra\\_publications@hc-sc.gc.ca](mailto:pmra_publications@hc-sc.gc.ca)  
[www.pmra-arla.gc.ca](http://www.pmra-arla.gc.ca)  
Facsimile: 613-736-3758  
Information Service:  
1-800-267-6315 or 613-736-3799  
[pmra\\_infoserv@hc-sc.gc.ca](mailto:pmra_infoserv@hc-sc.gc.ca)

Canada

# A Look at *Sclerotinia minor*

## ❖ Health Considerations

*Sclerotinia minor* strain IMI 344141 caused significant health effects in laboratory animals when a large dose was applied to the respiratory tract. As a result, the precautionary wording “DO NOT breathe dust” is required on the product labels. Furthermore, commercial as well as domestic applicators are required to wear respiratory protection suitable for preventing inhalation of biological products.

**Occupational risks are not of concern when Sarritor Granular Biological Herbicide (Commercial) and Sarritor Domestic Granular Biological Herbicide are used according to the label directions, which include protective measures.**

Commercial and domestic applicators handling or applying Sarritor Granular Biological Herbicide (Commercial) or Sarritor Domestic Granular Biological Herbicide can come into direct contact with *Sclerotinia minor* strain IMI 344141 on the skin, in the eyes or by inhalation. Although Sarritor Granular Biological Herbicide (Commercial) and Sarritor Domestic Granular Biological Herbicide are not irritating to the skin or eyes, they contain substances that have the potential to cause hypersensitive reactions following repeated exposure. For this reason, the label requires that a long-sleeved shirt, long pants, shoes, socks and waterproof gloves be worn during handling and application of Sarritor Granular Biological Herbicide (Commercial) or Sarritor Domestic Granular Biological Herbicide. As the inhalation of dust from Sarritor Granular Biological Herbicide (Commercial) or Sarritor Domestic Granular Biological Herbicide has the potential to cause adverse effects in the lungs, respiratory protection is required during handling and application of these products to turf.

Although no adverse effects were reported in workers using *Sclerotinia minor* strain IMI 344141, Sarritor Granular Biological Herbicide (Commercial) or Sarritor Domestic Granular Biological Herbicide during product development, like all microbes, *Sclerotinia minor* strain IMI 344141 contains substances that can cause hypersensitivity. As a result, commercial and domestic applicators are required to wear a long-sleeved shirt, long pants, shoes, socks and waterproof gloves during application to prevent repeated skin exposure. The label statement “POTENTIAL SENSITIZER” and the precautionary wording “May cause sensitization” are required on the product labels.

# A Look at *Sclerotinia minor*

## Measures to Minimize Risk

Labels of registered pesticide products include specific instructions for use. Directions include risk-reduction measures to protect human and environmental health. These directions must be followed by law.

### **Key Risk-Reduction Measures for Sarritor Granular Biological Herbicide (Commercial) and Sarritor Domestic Granular Biological Herbicide**

- **Human Health**

To minimize the potential for the development of hypersensitivity to *Sclerotinia minor* strain IMI 344141 in commercial and domestic applicators, users are required to wear a long-sleeved shirt, long pants, shoes, socks and waterproof gloves to minimize skin exposure to *Sclerotinia minor* strain IMI 344141.

Laboratory studies indicate the inhalation of large quantities of *Sclerotinia minor* strain IMI 344141 has the potential to cause inflammation of the lungs. As a result, users are required to wear a dust/mist filtering respirator (MSH/NIOSH approval number prefix TC-21C) or a NIOSH-approved respirator with any –95, R-95, P-95 or HE filter for biological products when handling, mixing/loading or applying the product and during all clean-up/repair activities.

To ensure that domestic users have ready access to the appropriate protective equipment, the applicant is required to provide a suitable respirator with each package of Sarritor Domestic Granular Biological Herbicide.

# NORAH G

**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, AND THE MEDIA, NATION-WIDE ACROSS CANADA, THE UNITED STATES, AND OVERSEAS.

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, AND 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. MR. GATHERCOLE IS NOW RETIRED FROM FORCE OF NATURE, ALTHOUGH HIS NAME CONTINUES TO APPEAR AS THE FOUNDER.

WILLIAM H. 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 AND PROFESSIONAL LAWN CARE, AND HAS SERVED IN PUBLIC AFFAIRS, WORKPLACE SAFETY, AND ENVIRONMENTAL COMPLIANCE. MR. GATHERCOLE HAS SUPERVISED, CONSULTED, PROGRAMMED, AND/OR 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 HIS COLLEAGUES, LEGAL ACTION AGAINST THE PROHIBITION OF PEST CONTROL PRODUCTS IN 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 MODERN GREEN SPACE INDUSTRY ACROSS CANADA. 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. ALTHOUGH HE CAN BE ACCUSED OF BEING ANTI-ENVIRONMENT-MOVEMENT, HE IS, IN FACT, SIMPLY A STRONG ADVOCATE FOR THE MODERN GREEN SPACE INDUSTRY. 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 ! )

FORCE OF NATURE IS THE INSTRUMENT OF NATIONAL ORGANIZATION RESPONDING AGAINST HUE THAT HARM THE GREEN SPACE INDUSTRY ( **NORAHG** ) BY CONCOCTING STATEMENTS AND ACTIVITIES SEEKING TO PROHIBIT FEDERALLY LEGAL, SCIENTIFICALLY SAFE, TOTALLY IRREPLACEABLE, AND ABSOLUTELY INDISPENSABLE CONVENTIONAL PEST CONTROL PRODUCTS. ENVIRO-MANIACS ARE IDENTIFIED ON THE BASIS OF THEIR STATEMENTS, ACTIVITIES, AFFILIATIONS, AND WHEREABOUTS. EVEN THOUGH EACH ENVIRO-MANIAC-CULPRIT IS A MISGUIDED ADVERSARY, EACH STILL DESERVES OUR RESPECT. THE TERMS MANIAC, CULPRIT, TERRORIST, OR BASTERD ARE NOT ACCUSATIONS OF ANY LEGAL WRONG-DOINGS. FORCE OF NATURE IS SIMPLY HOLDING ALLEGED CULPRITS ACCOUNTABLE FOR CONSPIRING TO CHANGE PUBLIC POLICIES THAT TERRORIZE AND THREATEN THE GREEN SPACE INDUSTRY. THEIR PRETENTIOUS PROHIBITIONIST RANTS HAS CREATED LOSS OF REVENUES, BUSINESS FAILURES, BANKRUPTCY, AND UNEMPLOYMENT, INFLECTING DESPAIR AND DESTITUTION FOR THOUSANDS OF HAPLESS VICTIMS THROUGHOUT THE GREEN SPACE INDUSTRY. THE ACTIONS OF MANIAC-CULPRIT-TERRORIST-BASTERDS ARE VIEWED AS A FORM OF TERROR AGAINST THE GREEN SPACE INDUSTRY. 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. ADDITIONALLY, FORCE OF NATURE INSPIRES PEOPLE TO BELIEVE THAT ENVIRONMENTAL-TERRORISM CAN BE STOPPED ! 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. 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, CIRCULARITY, OR PRESS RELEASE.

THE FOLLOWING FORCE OF NATURE DOCUMENTS ARE CURRENTLY AVAILABLE — ● A LOOK AT ● ALBERTA PROHIBITION ● BRITISH COLUMBIA PROHIBITION ● CANADIAN ASSOCIATION OF PARTICIPANTS FOR THE ENVIRONMENT ● MILLIONAIRE-CANCER-SOCIETY ● CANADIAN ENVIRONMENTAL LAW ASSOCIATION ● CONSEQUENCES ● DAVID BUTTS FOUNDATION ● EDT AND POLITICIZED SCIENCE ● DEATH AND THE ENVIRONMENTAL-TERROR-MOVEMENT ● ENVIRO-MONEY ● ENVIRONMENTAL-TERRORISTS UNMASKED ● FERTILIZER-TERROR IS NEXT ● JUNE IRWIN, THE CLOWN OF JUNK SCIENCE ● KAZIMIERA JEAN COTTAM ● LANDSCAPE TRADES CAPITULATE ● NEW BRUNSWICK PROHIBITION ● NOVA SCOTIA PROHIBITION ● ONTARIO PROHIBITION ● ORGANIC FERTILIZERS ● PESTICIDE FREE BC ● PETS AND LAWN CARE CHEMICALS ● PRINCE EDWARD ISLAND PROHIBITION ● QUEBEC PROHIBITION ● RACHEL CARSON, THE QUEEN OF JUNK SCIENCE ● 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 BILL BELL ● THE WISDOM OF DRYSDALE ● THE WISDOM OF HEALTH CANADA ● THE WISDOM OF HOLLAND ● THE WISDOM OF LOWES ● THE WISDOM OF MAINS ● THE WISDOM OF THE SOLOMONS ● ASK FOR A COPY OF ANY BACK ISSUE OF FORCE OF NATURE TODAY. READ ALL ABOUT ENVIRO-MANIAC-ACTIVISTS AND THEIR ENVIRONMENTAL-TERROR-ORGANIZATIONS IN FORCE OF NATURE ! 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. DON'T THANK US. IT'S A PUBLIC SERVICE. AND WE ARE GLAD TO DO IT.

## The Whole Truth from an Independent Perspective