



Government of Newfoundland and Labrador
Department of Environment and Conservation

Pesticide Operator Licence

Pursuant to *The Environmental Protection Act SNL 2002 cE-14.2*
and *The Pesticides Control Regulations, 2012*
and subject to the attached stipulations, this licence
is issued to :

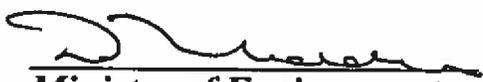
Rogers Farm & Greenhouses Ltd.

Valid From
December 23, 2013
to
December 23, 2018

Valid Categories

Agriculture
Greenhouse
Landscape
Structural

Licence No. 14-063


**Minister of Environment
and Conservation**

Pesticide Operator Licence - Terms and Conditions

Rogers Farm & Greenhouses Ltd.

PESTICIDE OPERATOR LICENCE NO: 14-063

EFFECTIVE DATE: December 23, 2013

EXPIRY DATE: December 23, 2018

1. DEFINITIONS

- Buffer:** means a defined space within which treatment is excluded and which extends a set distance outward in all directions from the boundary of an area designated for protection.
- Human habitation:** means every structure in which a person or persons resides on either a part-time or full time basis.
- Lawn:** means a plot of grass that is maintained at a regular and approximately uniform height through periodic and regular mowing.
- Penstock:** means a pipeline leading from the intake to the turbines.
- Private property:** means land owned or leased by an individual, group of individuals or other legal entity such as a company or corporation, for which clear title has been granted, and for which a record exists either through the Registry of Deeds or Crown Lands.
- Right-of-Way (ROW):** means an easement, granted by the land owner that permits the construction and operation of a utility corridor for the purpose of transmitting electricity. The utility corridor may be of varying lengths and widths.
- Water body:** means any surface (high water mark) or subterranean source of fresh or salt water within the province, whether such course usually contains water or not, and includes coastal water within the jurisdiction of the province and includes water above the bed of the

sea that is within the jurisdiction of the province, any river, stream, brook, creek, wetland, water course, lake, pond, spring, lagoon, ravine, gully, canal and any other flowing or standing water and the land usually or at the time covered by any such body of water.

"water" means all water located in or derived from a body of water;
Water Resources Act

Well: means an artificial opening in the ground from which water is obtained or that is made for the purpose of exploring for or obtaining water.

2. LEGISLATION

- (1) For the purpose of this licence, all definitions and regulations as indicated in the *Environmental Protection Act SNL 2002 cE-14.2* and the *Pesticides Control Regulations, 2012* shall apply.
- (2) All applications shall be conducted in strict compliance with the label registered under the authority of the *Pest Control Products Act (Canada)*.

3. PESTICIDE OPERATOR RESPONSIBILITY

- (1) The operator shall be limited to using only those pesticides (See Appendix A), applicators (See Appendix B) and vehicles (See Appendix C) as indicated on its pesticide operator licence application dated **November 05, 2013**. Any changes in the program outlined in the application must receive the written approval of the manager, Pesticides Control Section, prior to their implementation.
- (2) The operator shall review these terms and conditions with each applicator prior to the start of each season, and a copy of the terms and conditions shall be provided to each applicator.
- (3) A copy of the operator's licence and these terms and conditions shall be available at each site during the application of a pesticide.
- (4) The operator shall ensure that all applicators have their pesticide applicator licences in their possession while applying pesticides unless otherwise indicated by the Pesticides Control Section.
- (5) Upon completion of the pesticide program for the year the operator shall submit to the Pesticides Control Section:
 - (a) details regarding the type and quantity of each pesticide used, and
 - (b) the name of the vendor/s from whom the pesticide was purchased.

This information shall be submitted no later than **December 31** of each year. Licences for the following season will not be processed until this information is received.

- (6) The operator shall ensure that all application equipment is maintained in good working order to prevent damage to the environment and/ or injury to individuals working with or near the equipment.

4. VEHICLES

- (1) All vehicles used during the application of pesticides for landscape, structural or industrial vegetation management programs shall have the registered/ incorporated company name, or any other name under which this company trades, **as per this pesticide operator licence**, prominently displayed on the vehicle. The name shall be displayed on both the driver and passenger sides of vehicle.
- (2) Concentrated pesticides transported in a vehicle during spray operations shall be contained in a lock box, a secure area or compartment which must be locked while unattended.
 - (a) Pesticides shall not be transported in the passenger compartment of any vehicle.
- (3) A quantity of approved absorbent materials shall be on hand at all times in case of a spill. The vehicle shall also carry clean-up equipment including but not limited to, shovels, brooms, and bags/buckets.

5. SPILL REPORTING

- (1) All spills involving greater than 70 litres of mixed pesticide or the equivalent of unmixed formulation shall be reported immediately.
- (2) All spills involving mixed or unmixed pesticide into a water body or within 100 meters of a water body, well or area frequented by people shall be reported immediately.
- (3) Spills involving less than 70 litres of mixed pesticide or equivalent amount of unmixed formulation in areas not frequented by people, and remote from water bodies or wells shall be duly recorded by the operations supervisor. Records of all such incidents (spills) shall be kept on file by the operator. These records should include details such as date of spill, location, product and quantity, employee on site, and clean up procedure. These records should be submitted to the Pesticide Control Section with the annual summary.
- (4) Reporting of spill incidents shall be made to the Pesticides Control Section, St. John's (ph.1-800-563-6181) and to Environment Canada, St. John's (ph.709-772-2083).

6. CONTINGENCY PLAN

A copy of the operator's contingency plan shall be carried in all vehicles transporting liquid pesticide formulations and at the entrance of the operator's approved pesticide storage area.

The contingency plan shall include:

- Section 1 - Emergency Telephone Numbers
- Section 2 - Spill Reporting Instructions
- Section 3 - Emergency First Aid Procedures from Pesticide Labels
(as listed in Appendix A of this document)
- Section 4 - Pesticide Spill Procedure
- Section 5 - Spill Response Kit
- Section 6 - Protocol to Respond to Fires
- Section 7 - Protocol to Respond to Theft
- Section 8 - First Aid Procedures for Pesticide Poisoning
- Section 9 - Pesticide Labels or Material Safety Data Sheets (MSDS)
(as listed in Appendix A of this document)

7. STORAGE

- (1) All pesticide storage sites shall meet the requirements of Section 21 of the *Pesticides Control Regulations, 2012* which are as follows:
 - (a) A source of water in an area in or adjacent to the storage area;
 - (b) Approved safety equipment as required which is properly maintained, functional and available at all times for personnel handling and working with pesticides;
 - (c) Flooring which shall not contain a floor drain or catch basin which is directly or indirectly connected to a private or municipal sewage system or public water course;
 - (d) Flooring which shall be capable of being readily cleaned and decontaminated of pesticides stored within;
 - (e) Adequate ventilation by either natural or mechanical means so as to prevent the accumulation of toxic or flammable vapours;
 - (f) A "Danger Stored Pesticide" sign posted on all entrances which is printed in block letters 5 centimetres or more in height;
 - (g) Clean-up procedures consistent with the instructions of the minister or a person designated by the minister; and
 - (h) Other provisions which may be stipulated on the licence by the minister or person designated by the minister.
- (2) In addition to the above storage requirements, each pesticide storage site shall have prominently displayed on all entrances contact telephone numbers for:
 - (a) the operator and
 - (b) the Department of Environment and Conservation, Pesticides Control Section, and indicated accordingly.

- (3) All entrances to storage sites shall be locked when the owner or an employee of the owner is not present.
- (4) Pesticides shall be stored in their original container or a substitute container approved by the manufacturer. Substitute containers shall be labelled appropriately.

8. PROTECTIVE EQUIPMENT

The operator shall provide and ensure that all personnel involved in the mixing, loading, and application of pesticides wear appropriate protective equipment in accordance with the pesticide manufacturer's product label and/or material safety data sheet.

9. DISPOSAL

- (1) Empty pesticide containers which have been triple rinsed, cleaned and rendered unusable may be disposed of at an approved waste disposal site.
- (2) Contaminated material shall be disposed of in accordance with the manufacturer's directions and in consultation with the Pesticides Control Section.

10. WEATHER CONDITIONS

- (1) All exterior spraying activities, except foliar applications of insecticides to trees taller than three (3) meters, are permitted only when:
 - (a) wind speeds are between 2 and 15 km/h,
 - (b) air temperatures are below 25° C,
 - (c) the relative humidity is above 50%, and
 - (d) it is not raining nor is rain anticipated over the next 2 hour period.
- (2) Foliar applications of insecticides to trees taller than three (3) meters, are permitted only when:
 - (a) wind speeds are between 2 and 10 km/h,
 - (b) air temperatures are below 25° C,
 - (c) the relative humidity is above 50%, and
 - (d) it is not raining nor is rain anticipated over the next 2 hour period.
- (3) All exterior granular pesticide applications are permitted only when:
 - (a) air temperatures are below 25° C,
 - (b) the relative humidity is above 50%, and
 - (c) it is not raining nor is rain anticipated over the next 2 hour period.

- (4) Exceptions to weather conditions may be granted on a case by case basis. Contact the Pesticides Control Section for details.

11. PUBLIC NOTIFICATION

The operator shall ensure that public notification programs are carried out as per the applicable attachment to these terms and conditions.

12. BUFFER ZONES

The operator shall adhere to all buffer zones indicated in the applicable attachment.

13. ADDITIONAL STIPULATIONS

The operator shall adhere to all additional conditions stipulated in the applicable attachment.

14. REVOCATION

If an operator, its agent, employee or a licensed pesticide applicator under its control, fails to comply with the *Environmental Protection Act SNL 2002 cE-14.2*, the *Pesticides Control Regulations, 2012* or the stipulations attached to its operator licence, the Minister of Environment and Conservation may suspend, revoke, or cancel the subject licence and/or prosecute under the *Environmental Protection Act SNL 2002 cE-14.2*.

15. OFFENCE

An operator, his or her agent, employee or a licenced pesticide applicator under his or her control who does not comply with a term or condition of his or her licence or who contravenes the *Environmental Protection Act SNL 2002 cE-14.2* or the *Pesticides Control Regulations, 2012* is guilty of an offence.

- 16.** The Department of Environment and Conservation reserves the right to amend the terms and conditions of this licence at any time.

APPENDIX A PESTICIDE LIST

Rogers Farm & Greenhouses Ltd.

PESTICIDE OPERATOR LICENCE NO: 14-063

These are the only pesticides that have been approved for storage and use except as noted below for this pesticide operator licence. The operator is not permitted to purchase, apply, store or otherwise handle pesticides not on this list.

If you require additional pesticides, please submit the form, "Request for Additional Pesticide(s)", to Fax # (709) 729-6969 or in writing to:

Pesticides Control Section
P.O. Box 8700
St. John's, NL
A1B 4J6

<u>Pesticide Name</u>	<u>PCP Act Reg. #</u>	<u>Formulation</u>	<u>Restriction</u>
Gramoxone	8661	EC	
SINBAR (R)	10628	WP	
Quintozene	11425	WP	
Diazinon 500 E	11889	S	
Truban 25%	12222	EC	
Dimilin	13816	WP	
Amsol 2,4-D Amine 500	14725	S	
Vydate L	17995	S	
Venture L	21209	S	
Phyton 27	21699	S	
Nova 40W	22399	WS	
Admire 240 Flowable Systemic Insecticide	24094	F	
Dragnet FT Emulsifiable Concentrate Insecticide	24175	EC	
Avid 1.9% EC	24485	EC	
Devrinol 50-DF	25231	DF	
Roundup Transorb	25344	S	
REGLONE Desiccant	26396	F	
Maestro	26408	DF	
Prelude 240	26509	S	
Subdue MAXX	27055	S	
Par III	27884	S	
Actinovate	28672	SP	
Fiesta Lawn and Weed Killer	29535	S	

Captan 80 W
Pentac Aquaflow
Cymbush 250 EC

10780
17800
19170

WP For Storage Only
S For Storage Only
EC For Storage Only

Table 1. Summary of the data for the 1980-1981 season.

The data in this table were obtained from the following sources: (1) the records of the various agricultural departments of the Ministry of Agriculture, (2) the records of the various agricultural departments of the Ministry of Health, and (3) the records of the various agricultural departments of the Ministry of Education. The data were obtained from the records of the various agricultural departments of the Ministry of Agriculture, the Ministry of Health, and the Ministry of Education.

Year	Area	Population	Area	Population	Area	Population
1980	10	100	20	200	30	300
1981	15	150	25	250	35	350
1982	20	200	30	300	40	400
1983	25	250	35	350	45	450
1984	30	300	40	400	50	500
1985	35	350	45	450	55	550
1986	40	400	50	500	60	600
1987	45	450	55	550	65	650
1988	50	500	60	600	70	700
1989	55	550	65	650	75	750
1990	60	600	70	700	80	800
1991	65	650	75	750	85	850
1992	70	700	80	800	90	900
1993	75	750	85	850	95	950
1994	80	800	90	900	100	1000
1995	85	850	95	950	105	1050
1996	90	900	100	1000	110	1100
1997	95	950	105	1050	115	1150
1998	100	1000	110	1100	120	1200
1999	105	1050	115	1150	125	1250
2000	110	1100	120	1200	130	1300
2001	115	1150	125	1250	135	1350
2002	120	1200	130	1300	140	1400
2003	125	1250	135	1350	145	1450
2004	130	1300	140	1400	150	1500
2005	135	1350	145	1450	155	1550
2006	140	1400	150	1500	160	1600
2007	145	1450	155	1550	165	1650
2008	150	1500	160	1600	170	1700
2009	155	1550	165	1650	175	1750
2010	160	1600	170	1700	180	1800
2011	165	1650	175	1750	185	1850
2012	170	1700	180	1800	190	1900
2013	175	1750	185	1850	195	1950
2014	180	1800	190	1900	200	2000
2015	185	1850	195	1950	205	2050
2016	190	1900	200	2000	210	2100
2017	195	1950	205	2050	215	2150
2018	200	2000	210	2100	220	2200
2019	205	2050	215	2150	225	2250
2020	210	2100	220	2200	230	2300
2021	215	2150	225	2250	235	2350
2022	220	2200	230	2300	240	2400
2023	225	2250	235	2350	245	2450
2024	230	2300	240	2400	250	2500
2025	235	2350	245	2450	255	2550
2026	240	2400	250	2500	260	2600
2027	245	2450	255	2550	265	2650
2028	250	2500	260	2600	270	2700
2029	255	2550	265	2650	275	2750
2030	260	2600	270	2700	280	2800

**APPENDIX B
EMPLOYEE LIST**

Rogers Farm & Greenhouses Ltd.

PESTICIDE OPERATOR LICENCE NO: 14-063

These are the only employees that have been approved as pesticide applicators for this pesticide operator licence. The operator is not permitted to allow any other employee to apply or handle pesticides for the company.

If you intend to make changes to the pesticide applicators in your employment, please submit the form, "Notice of Pesticide Applicator Addition / Removal", to Fax # (709) 729-6969 or in writing to:

Pesticides Control Section
P.O. Box 8700
St. John's, NL
A1B 4J6

Applicator Name

██████████
██████████

PAL #

██████
██████

APPENDIX C VEHICLE LIST

Rogers Farm & Greenhouses Ltd.

PESTICIDE OPERATOR LICENCE NO: **14-063**

These are the only vehicles that have been approved for use under this pesticide operator licence. The operator is not permitted to operate, for the purpose of applying pesticides, any other vehicle that is not on this list.

If you intend to make changes to the vehicle list, please submit the form, "Notice of Vehicle Addition / Removal", to Fax # (709) 729-6969 or in writing to:

Pesticides Control Section

P.O. Box 8700

St. John's, NL

A1B 4J6

<u>Vehicle Make</u>	<u>Model</u>	<u>Year</u>	<u>Licence</u>
Dodge	Ram 4X4	2004	COF 238
Dodge	Ram 4X4	2005	COF 076
Ford	F-250	2006	CSR 622

ATTACHMENT A
PESTICIDE OPERATOR LICENCE
LANDSCAPE

A1. RESTRICTION ON LAWN CARE PESTICIDES

As per Section 14 of the *Pesticides Control Regulations, 2012*:

- (1) A person shall not use a pesticide product that contains one or more of the following chemicals:
 - (a) carbaryl;
 - (b) 2,4-D (2,4-dichlorophenoxyacetic acid);
 - (c) mecoprop;
 - (d) dicamba; or
 - (e) MCPA (2-methyl-4-chlorophenoxyacetic acid)in, on, or over a lawn.
- (2) A person shall not sell, supply, or offer for sale a pesticide that contains one or more of the chemicals in paragraphs (1)(a)-(e) for use in, on or over a lawn.
- (3) Subsections (1) and (2) do not apply to a person who uses, possesses, sells or supplies a pesticide for
 - (a) a golf course;
 - (b) forestry activities; or
 - (c) agricultural activities.
- (4) Notwithstanding subsections (1) and (2) the minister may allow a pesticide product containing one or more of the chemicals in paragraphs (1)(a)-(e) to be applied to a sports turf or other highly managed turf areas.

A2. PUBLIC NOTIFICATION

- (1) The operator and/or his agent shall provide notice to all properties that are located within 15 meters of the proposed application site where the proposed application is to occur.
 - (a) The notification shall be:
 - (i) in writing, at least 24 hours prior to the pesticide application; or
 - (ii) verbally, at least 24 hours prior to the pesticide application and in writing immediately prior to the pesticide application.
 - (b) The notification shall include:

- (i) the trade name or product name of the pesticide,
 - (ii) the active ingredient(s) found within the pesticide,
 - (iii) the type of pest to be controlled,
 - (iv) the proposed date of application,
 - (v) the address of the property being treated,
 - (vi) the name and telephone number of the operator doing the application.
- (2) If the pesticide spray activity does not take place within 48 hours of the scheduled treatment, then the operator and/or his agent shall re-notify all properties in the same manner indicated above.
- (3) Subsections (1) and (2) do not apply to an operator and/or his agent who will apply a pesticide product that contains one or more of the following chemicals:
- (a) iron (present as FeHEDTA);
 - (b) acetic acid;
 - (c) *Phoma macrostoma*;
 - (d) pyrethrins; or
 - (e) fatty acids of soaps registered for control of lawn insect pests.

A3. SIGNAGE

- (1). For application of commercial or restricted class pesticides to turf, including but not limited to private, commercial and municipal properties, the following shall apply:
- (a) **LAWN CARE**
 - (i) The operator shall place a sign or signs on all properties that have had an exterior pesticide application.
 - (ii) The sign or signs should be placed in a manner that ensures the highest possible visibility.
 - (iii) The operator shall inform each client that the pesticide spray sign must remain in place for a period of not less than forty-eight (48) hours but not more than ten (10) days after which time the client shall remove the sign.
 - (iv) The sign shall meet the minimum requirements as illustrated in Appendix A.
 - (v) Paragraphs (1)(a)(i)-(iv) do not apply to an operator and/or his agent who applies a pesticide product that contains one or more of the following chemicals:
 - (I) iron (present as FeHEDTA);
 - (II) acetic acid;
 - (III) *Phoma macrostoma*;
 - (IV) pyrethrins; or
 - (V) fatty acids of soaps registered for control of lawn insect pests.

(b) GOLF COURSE:

- (i) The operator shall place signs in the Club-house facility and/or Pro-shop facility. Signs shall be placed in a manner that ensures the highest possible visibility.
- (ii) Signs shall be in place a minimum of 24 hours before the application of pesticides and a minimum of 48 hours after the application of a pesticide.
- (iii) The sign shall meet the minimum requirements as illustrated in Appendix B.

A4. BUFFER ZONES

- (1) Formulations containing the active ingredient metalaxyl shall not be applied within 50 meters of any water body.
- (2) Formulations containing the active ingredient quinterozone shall not be applied within 50 meters of any water body.
- (3) Instrata RTM Fungicide shall not be applied within 20 meters of any water body.

A5. MIXING AND LOADING

- (1) Operations involving the filling of spray tanks with water and the addition of pesticides to spray tanks may be undertaken subject to the following conditions:
 - (a) All pesticide mixing and loading activities shall be supervised at all times.
 - (b) Mixing and loading in the vicinity of water bodies shall be undertaken with equipment set up on flat, stable ground to mitigate the possibility of spills or leaks during fill events.
 - (c) Where water must be pumped directly into the spray tank, an antibackflow device shall be fitted onto the pump to prevent any material from the tank being diverted from the tank into or near the water body that is being used to fill the tank.
 - (d) Spill response materials sufficient to respond to an incident during mixing and loading operations shall be on site at all times.
 - (e) All mixing and loading sites shall be identified with GPS coordinates, and this information shall be provided to the Pesticides Control Section.

A6. APPLYING PESTICIDES AROUND PLAYGROUNDS / SPORTS FIELDS

- (1) Properties located within 15 meters of any playground or sports field cannot be treated with pesticides, except granular formulations, while the playground or sports field is occupied.
- (2) Subsection (1) does not apply to an operator and/or his agent who applies a pesticide product that contains one or more of the following chemicals:
 - (a) iron (present as FeHEDTA);
 - (b) acetic acid
 - (c) *Phoma macrostoma*;
 - (d) pyrethrins; or
 - (e) fatty acids of soaps registered for control of lawn insect pests.

A7. PESTICIDE APPLICATION TO BUILDINGS AND STRUCTURES

The operator and/or his agent shall not apply a pesticide to a building or structure for the control of structural pests.

Appendix A

Lawncare Signage



WARNING

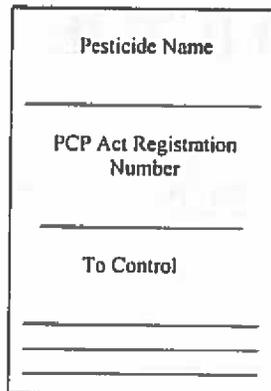


PESTICIDE USE

For Information Contact

Date Sprayed

Front

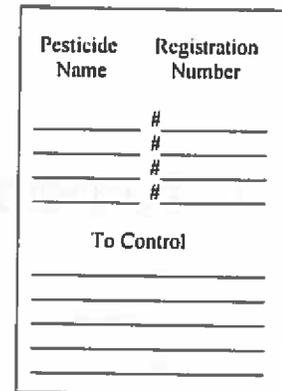


Pesticide Name

PCP Act Registration Number

To Control

Back



Pesticide Name	Registration Number
	#
	#
	#

To Control

Or

Back

For illustrative purposes only. Sign, pictogram and letters are not drawn to scale.

1. The sign shall be at least twenty-eight (28) centimeters high and twenty-two (22) centimeters wide and contain all the information contained in the above illustration. This information shall be displayed in the same format and proportions as the above illustration.
2. The words Warning Pesticide Use shall be printed in red letters and be at least 2.5 cm in height. The associated symbol shall contain a black silhouette of an adult while the circle and cross bar shall be red in colour. All other letters shall be at least 1 cm in height.
2. The sign and information contained on it must be weather resistant for at least forty-eight (48) hours
3. Contact Information shall contain the following:
 - (a) Company Name,
 - (b) Company POL #,
 - (c) Company telephone Number,
 - (d) The Department of Environment & Conservation name and contact number (1800 563 6181).

Appendix B

Golf Course Signage

WARNING PESTICIDE USE

PESTICIDE	PCP#	TO CONTROL
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

DATE AND LOCATION OF PESTICIDE APPLICATION:

HOLE#	TEE	GREEN	FAIRWAY
1	01/06/2007	_____	_____
2	_____	05/06/2007	_____
3	_____	_____	15/06/2007
4	_____	_____	_____
5	_____	_____	_____

FOR INFORMATION CONTACT

COMPANY NAME
CONTACT NAME
CONTACT #

DEPARTMENT OF ENVIRONMENT AND CONSERVATION
PESTICIDES CONTROL SECTION
1-800-563-6181

1. The sign shall be at least one hundred and twenty (120) centimeters high and sixty (60) centimeters wide.
 2. **Each sign shall bear** at a minimum the information indicated in the sample sign.
 3. The words "WARNING PESTICIDES IN USE" must be displayed in red capital letters and be at least 14 centimeters high.
 4. The sign must contain a contact name and number for the company applying the pesticide. The Department of Environment and Conservation contact number (1-800-563-6181) must be placed next to the first number and identified accordingly.
 5. The sign may be constructed such that the warning statement and contact information are contained on a permanent backing with the pesticide information, location of spray activities and application date information contained on removable sheets or displayed using erasable markers.
- A8. The Department of Environment and Conservation reserves the right to amend the attachments of the terms and conditions of this licence at any time.

February 8, 2013

ATTACHMENT F

PESTICIDE OPERATOR LICENCE

STRUCTURAL

F1. Public notification (Exterior applications)

- (1) The Operator and/or his agent shall provide notice to all properties that are located within 15 meters of the proposed exterior application, excluding covered baits.
 - (a) The notification shall be:
 - (i) in writing, at least 24 hours prior to the pesticide application; or
 - (ii) verbally, at least 24 hours prior to the pesticide application and in writing immediately prior to the pesticide application.
 - (b) The notification shall include:
 - (i) the trade name or product name of the pesticide,
 - (ii) the active ingredient(s) found within the pesticide,
 - (iii) the type of pest to be controlled,
 - (iv) the proposed date of application,
 - (v) the address of the property being treated,
 - (vi) the name and telephone number of the operator doing the application.
- (2) If the pesticide spray activity cannot take place within 48 hours of the scheduled treatment, then the Operator and/or his agent shall "re-notify" all properties in the same manner indicated above.
- (3) Notification is not required for exterior applications of structural pesticides on or within 1 meter of a structure, unless that structure is located within 1 meter of the property boundary.

F2. Signage

- (1). For application of commercial or restricted class pesticides including but not limited to private, commercial and municipal properties, the following shall apply:
 - (i) The operator shall place a sign or signs on all properties that have had an exterior pesticide application, excluding covered baits.

- (ii) At the discretion of the operator, the sign or signs should be placed in a manner to ensure high visibility.
 - (iii) The operator shall inform each client that the pesticide spray sign must remain in place for a period of not less than forty-eight (48) hours but not more than ten (10) days after which time the client shall remove the sign.
 - (iv) The sign shall meet the minimum requirements as illustrated in subsection (3).
- (2) Signage is not required for exterior applications of structural pesticides on or within 1 meter of a structure, unless that structure is located within 1 meter of the property boundary.
- (3) The sign must meet the minimum requirements as follows:

<p>WARNING</p>  <p>PESTICIDE USE</p> <p>For Information Contact</p> <p>Date Sprayed</p>
--

Front

<p>Pesticide Name</p> <hr/> <p>PCP Act Registration Number</p> <hr/> <p>To Control</p> <hr/> <hr/> <hr/>
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Back

<table style="width: 100%;"> <tr> <th style="width: 50%;">Pesticide Name</th> <th style="width: 50%;">Registration Number</th> </tr> <tr> <td>_____</td> <td style="text-align: center;"># _____</td> </tr> <tr> <td colspan="2" style="text-align: center;">To Control</td> </tr> <tr> <td colspan="2">_____</td> </tr> <tr> <td colspan="2">_____</td> </tr> <tr> <td colspan="2">_____</td> </tr> </table>	Pesticide Name	Registration Number	_____	# _____	_____	# _____	_____	# _____	_____	# _____	To Control		_____		_____		_____	
Pesticide Name	Registration Number																	
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To Control																		

Or

Back

For illustrative purposes only. Sign, pictogram and letters are not drawn to scale.

The sign and information contained on it must be weather resistant for at least forty-eight (48) hours.

The sign shall be at least twenty-eight (28) centimeters high and twenty-two (22) centimeters wide.

The front of each sign shall bear:

The words "WARNING" at the top in capital letters;

Below those words a pictogram showing a single, black silhouette of an adult person on a white background within a red circle crossed by an oblique red bar;

Below the pictogram the words "PESTICIDE USE" in capital letters;

Below those words the words "FOR INFORMATION CONTACT" in capital letters and the company name and telephone number. The Department of Environment and Conservation name and contact number (1-800-563-6181 - St. John's) must also be placed below the company contact information and identified accordingly;

Below the phone numbers the words "DATE SPRAYED" and the date the treatment begins;

The front of the sign may bear only words and markings that do not detract from the required information, occupying not more than the bottom 2.5 centimeters of the sign, that identify the employer of the person performing the treatment;

The words "WARNING" and "PESTICIDE USE" on the front of each sign shall be printed in red letters and shall be at least 2.5 centimeters high.

All other letters and numbers shall be printed in black and shall be at least 1.0 centimeter high.

The back of each sign shall bear:

The word "PESTICIDE" at the top left in capital letters followed by the name of the pesticide used or intended for use;

And Either:

Below those words the words "REGISTRATION NUMBER" in capital letters followed by the registration number assigned to the pesticide under the *Pest Control Products Act (Canada)*;

Or:

The words "REGISTRATION NUMBER" at the top right in capital letters followed by the registration number assigned to the pesticide under the *Pest Control Products Act (Canada)*;

And:

Below those words the words "TO CONTROL" in capital letters followed by the name of the pest to be controlled;

The outer edge of the red circle on the pictogram shall be at least 12.5 cm in diameter on each sign and the width of the circle shall be approximately one-tenth the size of the diameter.

- F3.** The Department of Environment and Conservation reserves the right to amend the attachments of the terms and conditions of this licence at any time.

Feb. 18, 2013

Agriculture Pesticide Applicator Licence Terms and Conditions

██████████ PAL # ██████████

Issue Date: ██████████

Expiry Date: ██████████

Definitions

- Agriculture licence:** for the use of pesticides by ground application
- (i) for the production of agricultural products, including berries, grains, forage crops, grapes, seed crops, ornamentals, tree seedlings, tree fruits, vegetables in fields, orchards or shelter belts, pastures and rangelands,
 - (ii) for the control of noxious weeds, birds and rodents,
 - (iii) for aquatic weed control in dugouts with no outflow,
 - (iv) on Christmas tree plantations,
 - (v) to control livestock and poultry pests,
 - (vi) for on-farm seed treatment,
 - (vii) for soil fumigation, except methyl bromide,
 - (viii) for pest control around farm buildings associated with crop and livestock production, and
 - (ix) excluding pesticide use in greenhouses or commercial seed treatments;
- Buffer Zone:** a strip of land between the area to be protected and the pesticide treatment area for preventing entry of pesticides or pesticide residues by drift into the area to be protected;
- Certified applicator:** means a person who has obtained a certificate for applying pesticides, which is recognized by the minister;

Direct Supervision: means to be physically present on-site and have close contact whereby the supervisor is able to respond quickly to the needs of the supervisee;

Human habitation: means every structure in which a person or persons resides on either a part-time or full time basis;

Pesticides Control Section: staff of the Department of Environment and Conservation whose responsibility is to ensure compliance with the provincial pesticide legislation, as set out under the *Environmental Protection Act SNL 2002 cE-14.2* and *Pesticides Control Regulations, 2012*;

Unlicensed assistant: a pesticide applicator using or applying a pesticide under a pesticide applicator licence, agriculture and greenhouse category, may allow a person who does not have a licence to apply a pesticide and shall, with respect to that unlicensed person employed by, contracted to or working with that applicator

- (a) ensure that that person, when carrying out activities under the Act or regulations, is under his or her direct supervision and control; and
- (b) be responsible for the actions and conduct of that person with respect to anything required to be carried out in accordance with the Act or regulations;

Water body: means any surface (high water mark) or subterranean source of fresh or salt water within the province, whether such course usually contains water or not, and includes coastal water within the jurisdiction of the province and includes water above the bed of the sea that is within the jurisdiction of the province, any river, stream, brook, creek, water course, lake, pond, spring, lagoon, ravine, gully, usually or at the time covered by any such body of water;

Well: means an artificial opening in the ground from which water is obtained or that is made for the purpose of exploring for or obtaining water.

LEGISLATION

1. For the purpose of this licence, all definitions in the *Environmental Protection Act SNL 2002 cE-14.2* and the *Pesticides Control Regulations, 2012* and regulations under those Acts shall apply.
2. All applications shall be conducted in strict compliance with the label registered under the authority of the *Pest Control Products Act (Canada)*.

PESTICIDE APPLICATOR RESPONSIBILITY

3. The applicator shall review these terms and conditions with any unlicensed assistant, farm owner or those who may enter the treated area for work or other purposes.
4. All applicators shall have their pesticide applicator licence in their possession while applying pesticides unless otherwise indicated by the Pesticides Control Section.
5. A copy of these terms and conditions shall be available at each site during the application of a pesticide.
6. Applicators shall keep records of annual pesticide purchases and usages as part of maintaining the farm's Pesticide Use Records.

UNLICENSED ASSISTANTS

7. An applicator may employ unlicensed assistants to provide help in carrying out the activities for which that person has been licensed under the regulations.
 - (a) The applicator is responsible for the activities of an unlicensed assistant in connection with the use, storing or application of a pesticide.
 - (b) An unlicensed assistant shall comply with the safety measures required under the Act and regulations made with respect to pesticides.
 - (c) The applicator shall ensure that that person, when carrying out activities under the Act or regulations, is under his or her direct supervision and control.

TRANSPORTATION

8. Only persons holding a valid pesticide applicator licence may transport concentrated non-domestic pesticides.
 - (a) Pesticides must be in the original manufacturer's sealed container; packaged in a manner to prevent spillage; and transported in a lock box, secure area or compartment which must be locked while unattended.
 - (b) Pesticides shall not be transported in the passenger compartment of any vehicle.
 - (c) Pesticides must be transported and stored separate from foodstuffs, feeds, or other material intended for consumption by humans or animals.
 - (d) Special precautions or warnings that appear on the label of a pesticide package must be strictly adhered to.

STORAGE

9. All pesticide storage sites must meet the requirements of Section 21 of the *Pesticides Control Regulations, 2012* which provides that a storage area shall have:
 - (a) A source of water in an area in or adjacent to the storage area;
 - (b) Approved safety equipment as required which is properly maintained, functional and available at all times for personnel handling and working with pesticides;
 - (c) Flooring which shall not contain a floor drain or catch basin which is directly or indirectly connected to a private or municipal sewage system or public water course;
 - (d) Flooring which shall be capable of being readily cleaned and decontaminated of pesticides stored within;
 - (e) Adequate ventilation by either natural or mechanical means so as to prevent the accumulation of toxic and/or flammable vapours;
 - (f) A "Danger Stored Pesticide" sign posted on all entrances which is printed in block letters 5 centimetres or more in height;
 - (g) Clean-up procedures consistent with the instructions of the minister or a person designated by the minister; and
 - (h) Other provisions which may be stipulated on the licence by the minister or a person designated by the minister.
10. Emergency response materials must be located near the pesticide storage. Materials should include, but are not limited to:
 - A fire extinguisher approved for chemical fires
 - Yard broom, open headed shovel and bucket

- Heavy duty plastic bags
- Open-head drums with lids or sealable drums
- Absorbent material (e.g. kitty litter, absorb-all)
- Household Detergent
- Bleach and/or hydrated lime (for decontaminating surfaces - check the MSDS)
- A watertight plastic container (with lid) which will hold the following items*:
 - goggles
 - several pairs of chemical resistant gloves
 - chemical resistant boots
 - chemical resistant coveralls (Tyvek Protective Gear)
 - respirator with organic vapour cartridges

*** each of these items should be individually placed in a zip lock bag to prevent contamination of the personal protection equipment**

11. In addition to the above storage requirements, each pesticide storage site shall have prominently displayed on all entrances contact telephone numbers for:
 - (a) the applicator and
 - (b) the Department of Environment and Conservation, Pesticides Control Section, and indicated accordingly (1-800-563-6181 or 729-3395).
12. All entrances to the storage must be locked when the applicator is not present.
13. Pesticides shall be stored in their original container or a substitute container approved by the manufacturer. Substitute containers shall be labelled appropriately.

NOTIFICATION

14. During the application of a pesticide, applicators shall take reasonable measures to discourage access to areas being treated. Signs may be posted in treated areas or an area close to the farm entrance may be designated as a notification area advising persons requiring access to the fields to check which areas have been treated.
15. Label requirements regarding re entry shall be strictly adhered to.

PROTECTIVE EQUIPMENT

16. The applicator shall ensure that all personnel (themselves and any unlicensed assistant) involved in the mixing, loading, and application of pesticides, wear appropriate protective equipment in accordance with the pesticide manufacturer's product label and/or material safety data sheet.

MIXING/LOADING/RINSING

17. All pesticide mixing and rinsing sites shall be located a minimum of 30 meters from the nearest water body. Loading of equipment with **water only** prior to the addition of pesticides can be done up to 5 meters from a water body. Addition of pesticides to the water in the equipment shall be performed at least 30 meters from the nearest water body.
18. Where water must be pumped directly into the formulation tank from a water body, an anti-backflow device must be fitted onto the pump and the siting should be such that the formulating unit is at least 30 meters from the water body. The pesticide shall not be opened for addition to the formulation tank until the equipment has been filled with water and is out of the respective buffer zone.
19. While mixing, loading or using pesticides a quantity of approved absorbent materials must be on hand in case of a spill.

WEATHER CONDITIONS

20. All exterior spraying activities are permitted only when wind speeds are between 2 and 15 km/h, air temperatures are below 25°C, the relative humidity is above 50% and it is not raining nor is rain anticipated over the next 2 hour period, unless otherwise indicated on the label for efficacy.

Exceptions to weather conditions may be granted on a case by case basis. Contact the Pesticides Control Section for details.

21. All exterior granular pesticide applications are permitted only when air temperatures are below 25°C, the relative humidity is above 50% and it is not raining nor is rain anticipated over the next 2 hour period, unless otherwise indicated on the label for efficacy.

BUFFER ZONES

22. The applicator shall take appropriate measures to ensure pesticides will not contaminate water bodies or wells.
23. Pesticide applications are not permitted within 10 meters of a neighbouring property.
24. Pesticide applications are not permitted within 30 meters of a neighbouring well.
25. All directions for establishing buffer zones indicated on the pesticide label must be followed.
26. Voluntary compliance is requested for a buffer zone of 10 meters from the boundary of all public spaces. These include:
 - (a) property of the government of the Province of Newfoundland and Labrador;
 - (b) property of the government of Canada;
 - (c) hospital or nursing home;
 - (d) personal care homes;
 - (e) schools;
 - (f) child care operations; and
 - (g) green spaces, including parks, sport fields, ball fields, soccer pitches and public swimming pools.

SPILLS

27. All spills involving greater than 70 litres of mixed pesticide or the equivalent of unmixed formulation shall be reported immediately.
 - (a) All spills involving mixed or unmixed pesticide into a water body or within 70 meters of a water body, well or area frequented by people shall be reported immediately.
 - (b) Spills involving less than 70 litres of mixed pesticide or equivalent amount of unmixed formulation in areas not frequented by people, or remote from water bodies or wells shall be cleaned up and duly recorded by the applicator.
 - (c) Records of all such incidents (spills) shall be kept on file by the applicator. Reports of spill incidents shall be made to the Pesticides Control Section, St. John's (ph.1-800-563-6181) and to Environment Canada, St. John's (ph.709-772-2083) within 48 hours of a spill.

DISPOSAL

28. Empty pesticide containers which have been triple rinsed, cleaned and rendered unusable may be disposed of at an approved waste disposal site. Contaminated material shall be disposed of in accordance with the manufacturer's directions and in consultation with the Pesticides Control Section.

REVOCATION

29. Failure by a licensed pesticide applicator or an unlicensed assistant under the control of a licensed pesticide applicator to adhere to the *Environmental Protection Act SNL 2002 cE-14.2*, the *Pesticides Control Regulations, 2012* or the terms and conditions of this licence may result in suspension, revocation or cancellation of this licence and prosecution under the *Environmental Protection Act*.
30. The Department of Environment and Conservation reserves the right to amend the terms and conditions of this licence at any time.

Mar. 13, 2013