

LIMESTONE BAY

— ESTATE —

ANNUAL PESTICIDE USE REPORT



IPM Annual Report 2025



IPM Desk Review 2025

ANNUAL REPORT - UNLISTED PESTICIDE USE for the year 2025

Golf Course: Limestone Bay Escape and Golf

GC IPM #: 25-789

Address: 1028 Nine Mile Point Rd. Simcoe Island Ontario K0H2Y0

Email Address: maxfly@hay.net

Tel: 226-971-3807

IPM Certified Agent(s): Mikael Pehkonen

IPM Agent(s) Certification Number(s): 2105

Unlisted Pesticide Ingredient	Reason for Use	Total Quantity Unlisted Pesticide Ingredient Used (kg)		Reason for Increase/Decrease from Previous Calendar Year
		2024	2025	
Mefentrifluconazole	Preventative snow mould control	NA	.200	This is the first year the golf course has registered with the IPM program
Pyraclostrobin	Preventative snow mould control	NA	.200	This is the first year the golf course has registered with the IPM program
fludioxonil	Preventative snow mould control	NA	.300	This is the first year the golf course has registered with the IPM program

ANNUAL REPORT - UNLISTED PESTICIDE USE for the year 2025

Golf Course: Limestone Bay Escape and Golf

Please upload map(s) of the golf course showing the locations where unlisted pesticides were applied, and identify use by unlisted pesticide ingredient or by product type (fungicide, insecticide, herbicide, growth regulator)

Please explain how practicing integrated pest management (IPM) and maintaining IPM accreditation with the IPM Council of Canada minimized the use of pesticides on your golf course and how it will minimize use in this current calendar year.

Limestone Bay has recently registered with the IPM Council of Canada, and going forward we are committed to applying the full range of integrated pest management practices in our turf management program. Maintaining IPM accreditation ensures that we keep detailed scouting records, monitor pest pressure closely, and document all spray applications and weather conditions so decisions can be made based on thresholds rather than routine treatment. Continuing education credits (CEC's) required as the IPM Agent, support our ability to properly identify, scout, and manage pests, and ensure that any pest control products used are applied in the most effective and responsible way to promote healthy turfgrass. Our goal is to minimize the use of pest control products by prioritizing cultural practices such as proper mowing, aeration, and topdressing, along with balanced fertility and soil amendments that promote healthy, resilient turf capable of withstanding stress and pests. Whenever possible, weeds will be removed mechanically, and we will continue to assess and improve growing environments by increasing sunlight exposure where feasible and closely managing moisture to reduce conditions that favour pests. These combined practices will guide us through the upcoming season to ensure pesticides are used only when necessary and in the smallest effective amounts.

We, the undersigned, attest that the above information is accurate and inclusive of all pesticide products applied on our golf course for the entire year. We are aware that it is an offence under the Pesticides Act: 17(6) to include false or misleading information in any document or data required to be created, stored or submitted under the Act.

Primary IPM Certified Agent signature:



Date: 24-November-2025

Owner's representative name & position:

Mac Voisin, Owner

Signature:



2025 Annual Report Map – Limestone Bay Golf

Fungicide application – treated areas circled in ORANGE:





2025 PEST CONTROL PRODUCT APPLICATION FORM

Golf Course: Limestone Bay Escape and Golf

GC IPM #: 25-789

Date: 04/11/2025

Time of Day: 12:00 PM

Current weather conditions:

9 C; Sunny

Wind speed: 10 Km/h

Sprayer / Spreader (make & model):

Toro Multi Pro 1250

Date of Last sprayer calibration:

03/11/2025

P or C	Location	Holes	Pest Targeted	Reason	Product Name	PCP #	Active Ingredient (AI)	*Unlisted AI Yes/No	Product Amount Used (Kg or L)	AI concentration (gAI/L or %)	Total AI Applied (kg)
P	Green	All Greens	Snow Mould	Weather conditions conducive to disease development	Insignia Pro	34892	Mefenitruconazole	Yes	1.000	200 AI/L	.200
P	Green	All Greens	Snow Mould	Weather conditions conducive to disease development	Insignia Pro	34892	Pyradostrobin	Yes	1.000	200 AI/L	.200
P	Green	All Greens	Snow Mould	Weather conditions conducive to disease development	Pendant 50 WDG	32728	fludioxonil	Yes	.600	50 %	.300

P = preventative application C = curative application

Additional Comments - Actual area treated, problems or issues with application, e.g. untimely rainfall or irrigation, equipment failure etc.

No issues

Date	Follow-up Comments & Results (may be few days or weeks after application, please include date)
24/11/2025	No signs of Microdochium patch (snow moulds) on greens



2025 SCOUTING FORM

Minimum one scouting form per calendar week required April 1 – Oct 15

Golf Course:	Limestone Bay Escape and Golf	GC IPM #:	25-789	Scout Date:	15/10/2025
Previous 24 hr Data:	Precipitation: 0 mm	Air Temp: High 14 °C	Low 8 °C	Humidity: Medium	
	Soil Temp at depth of 8 cm: 0 °C	Soil Temp Location:		Time of day: 12:00 PM	
Were any pests seen?	No				

If no pests were seen, record the areas scouted and any additional comments:

GOLF COURSE WAS NOT OPEN IN 2025

Scout's Name: Mikael Pehkonen

IPM Agent Name: Mikael Pehkonen

IPM Agent #: 2105



EQUIPMENT CALIBRATION FORM

- FIELD BOOM SPRAYER -

Golf Course: Limestone Bay Escape and Golf

GC Registration #: 25-789

Regular calibration of application equipment is required to ensure the correct amount of product is applied. Complete all data from the first calibration performed for each sprayer used this season plus any additional calibrations performed due to equipment problems noted during usage. Maintain proof of calibration (worksheets or receipts from an external calibration service) from all calibrations performed this season for inspection during on-site audit.

Date of Calibration: 3/11/2025

Calibrated by: Mikael Pehkonen

☐ N/A (not applicable) - no field boom sprayer used this year.

If you have checked this box, IPM Agent to sign and date below for submission with desk review.

This is the first ☒ second ☐ third ☐ other ☐ calibration this season

If conducted by an outside service, please specify:

Make and model of calibrated sprayer: Toro Multi Pro 1250

Date of previous calibration: ☒ Not applicable (first calibration)

Pressure: 40 psi Nozzles Type and Size (e.g. 8004): AIC 11008

Sprayer RPM while spraying (if applicable): 0 Gear setting (if applicable): 1st

Distance: 100 ft Catch Time: 30 sec

Sprayer Output: 1.84 gal/1,000ft²

Comments:

As the person calibrating the spreader listed, I attest that the above information is accurate and truthful and that the calibration process was thoroughly completed.

Calibrator Name: Mikael Pehkonen

Date: 3/11/2025

I attest that the above information is accurate and truthful. I also acknowledge my obligation to be aware of and in conformance with the requirements of IPM Accreditation as defined by the IPM Council of Canada and that failure to meet the requirements can result in loss of the golf course's IPM Accreditation status.

IPM Agent Name: Mikael Pehkonen

IPM Agent # 2105

D 100 feet

T1 23 sec
T2 22.3 sec
T3 22.6 sec
ADT 22.63 sec

Driving Speed 4.42 ft/sec
mph 3.01

Date 03-Nov-25
Sprayer Toro Multi Pro 1250
Rate
Nozzles AIC 11008 VS
Colour White

Trial 1
PSI 40
last calibration

N 11

nozzle 1 1550 mls 99.13
nozzle 2 1600 102.33
nozzle 3 1550 99.13
nozzle 4 1550 99.13
nozzle 5 1550 99.13
nozzle 6 1600 102.33
nozzle 7 1550 99.13
nozzle 8 1600 102.33
nozzle 9 1550 99.13
nozzle 10 1550 99.13
nozzle 11 1550 99.13
nozzle 12 0.00

1550 CT
1600
1550
1550
1550
1550 FR=ANO*N/CT
1600
1550
1600
1550
1550
1550
1550
0
17200
1563.636

TO 17200 mls
ANO 1563.64
- 10 % 1407.27
+ 10% 1720.00

SO=ADT X FR 12976.44
AS=W X D 1833.33
WV = SO / AS 7.08 ml/ft2 0.24 fl oz
GAL/1000 55.30 55.30 1.84

ft2=.0929m2
ml/ft2 ml/100m2 7.08 7619.01

L/100m2 7.62

boom width 30 sec total distance
NS
W

ft 18 4 220
in 18 4 220
in 20 in
1.67 ft
18.33 ft

total length



EQUIPMENT CALIBRATION FORM

- HANDHELD/ BACKPACK SPRAYER -

Golf Course: Limestone Bay Escape and Golf

GC Registration #: 25-789

Regular calibration of application equipment is required to ensure the correct amount of product is applied. Complete all data from the first calibration performed for each handheld/backpack this season plus any additional calibrations performed due to equipment problems noted during usage. Maintain proof of calibration (worksheets or receipts from an external calibration service) from all calibrations performed this season for inspection during on-site audit.

Date of Calibration:

Calibrated by:

☒ N/A (not applicable) - no backpack/handheld sprayer used this year.

If you have checked this box, IPM Agent to sign and date below for submission with desk review.

If conducted by an outside service, please specify:

Make and model of calibrated sprayer:

Nozzle information (size, type):

Sprayer output:

0

L/100m²

This is the first ☐

second ☐

third ☐

other ☐

calibration this season

Date of previous calibration:

☐ Not applicable (first calibration)

The Calibration of a Handheld/Backpack Sprayer

Please complete the following 4 steps and provide comments on any observations made during the process. Reviewing these comments in the future will help identify any recurring problems with this particular handheld/backpack sprayer.

1. Measure an area that is 100 m². e.g., 10 m x 10 m, or 25 m x 4 m.

Location for future reference:

2. Fill the spray tank with water. Mark the level on a measuring stick. Pump to the pressure that will be used during pest control product application.

3. Spray the water over the 100 m² area. Walk at a steady space, taking care to apply it as evenly as possible, just as you would when applying a pest control product.

4. Measure the amount of water needed to refill the spray tank to the mark on the measuring stick. This amount will be the sprayer output per 100 m².

Comments:

As the person calibrating the spreader listed, I attest that the above information is accurate and truthful and that the calibration process was thoroughly completed.

Calibrator Name:

Mikael Pehkonen

Date:

3/11/2025

I attest that the above information is accurate and truthful. I also acknowledge my obligation to be aware of and in conformance with the requirements of IPM Accreditation as defined by the IPM Council of Canada and that failure to meet the requirements can result in loss of the golf course's IPM Accreditation status.

IPM Agent Name:

Mikael Pehkonen

IPM Agent #

2105

Limestone Bay
Greens AREA

QUEEN	Ft2
Marcela	2,700
Lilac	3,500
Island	4,200
Tiered	2,200
Raised	3,000
Sombrero	2,500
A hole	3,000
Rocky	3,500
Harbour	4,000
TOTAL	<u>28,600</u>

- Excellent for Post-Emergence Systemic Herbicides
- Good for Contact Fungicides
- Excellent for Systemic Fungicides
- Good for Contact Insecticides
- Excellent for Systemic Insecticides
- Excellent for Drift Management

Application Rate Chart

AIC TeeJet Application Rate Chart

			PSI		DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	 20'														GALLONS PER 1000 SQ. FT.			
								GPA														2 MPH	3 MPH	4 MPH	5 MPH
								4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH					
AIC110015 (100)	30	UC	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18									
	40	XC	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20									
	50	XC	0.17	21	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23									
	60	VC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24									
	70	VC	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27									
	80	VC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29									
AIC11002 (50)	30	UC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23									
	40	XC	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27									
	50	XC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30									
	60	VC	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33									
	70	VC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35									
	80	VC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	1.0	0.63	0.48	0.38									
AIC110025 (50)	30	UC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41									
	40	XC	0.32	41	24	19.0	15.8	11.9	9.5	7.9	6.3	4.8	1.1	0.73	0.54	0.44									
	50	XC	0.33	42	25	19.6	16.3	12.3	9.8	8.2	6.5	4.9	1.1	0.75	0.56	0.45									
	60	VC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48									
	70	VC	0.38	49	28	23	18.8	14.1	11.3	9.4	7.5	5.6	1.3	0.86	0.65	0.52									
	80	VC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54									
AIC11003 (50)	30	UC	0.26	31	18.4	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35									
	40	XC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41									
	50	XC	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46									
	60	VC	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50									
	70	VC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54									
	80	VC	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57									
AIC11004 (50)	30	UC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61									
	40	XC	0.47	60	35	28	23	17.4	14.0	11.6	9.3	7.0	1.6	1.1	0.80	0.64									
	50	XC	0.48	61	36	29	24	18.1	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67									
	60	VC	0.53	68	39	31	26	19.7	15.7	13.1	10.5	7.9	1.8	1.2	0.90	0.72									
	70	VC	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78									
	80	VC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82									
AIC11005 (50)	30	UC	0.63	81	47	37	31	23	18.7	15.6	12.5	9.4	2.1	1.4	1.1	0.86									
	40	XC	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91									
	50	XC	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76									
	60	VC	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83									
	70	VC	0.66	84	49	39	33	25	19.6	16.3	13.1	9.8	2.2	1.5	1.1	0.89									
	80	VC	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97									
AIC11006 (50)	30	UC	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0									
	40	XC	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1									
	50	XC	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71									
	60	VC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82									
	70	VC	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91									
	80	VC	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99									
AIC11008 (50)	30	UC	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1									
	40	XC	0.85	109	63	50	42	32	25	21	16.8	12.6	2.9	1.9	1.4	1.2									
	50	XC	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2									
	60	VC	0.95	122	71	56	47	35	28	24	18.8	14.1	3.2	2.2	1.6	1.3									
	70	VC	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94									
	80	XC	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.1									
AIC11010	30	UC	0.98	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2									
	40	XC	1.06	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3									
	50	VC	1.10	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4									
	60	VC	1.13	145	84	67	56	42	34	28	22	16.8	3.8	2.6	1.9	1.5									
	70	VC	1.20	154	89	71	59	45	36	30	24	17.8	4.1	2.7	2.0	1.6									
	80	VC	1.26	161	94	75	62	47	37	31	25	18.7	4.3	2.9	2.1	1.7									
AIC11015	30	UC	0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2									
	40	XC	1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4									
	50	XC	1.12	143	83	67	55	42	33	28	22	16.6	3.8	2.5	1.9	1.5									
	60	XC	1.22	156	91	72	60	45	36	30	24	18.1	4.1	2.8	2.1	1.7									
	70	VC	1.32	169	98	78	65	49	39	33	26	19.6	4.5	3.0	2.2	1.8									
	80	VC	1.41	184	107	84	70	52	42	35	28	21	4.8	3.2	2.4	1.9									
AIC11015	30	UC	1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0									
	40	VC	1.58	202	117	94	78	59	47	39	31	23	5.4	3.6	2.7	2.1									
	50	VC	1.30	166	97	77	64	48	39	32	26	19.3	4.4	2.9	2.2	1.8									
	60	VC	1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0									
	70	VC	1.60	203	119	95	80	61	49	40	33	27	5.4	3.6	2.7	2.1									
	80	VC	1.84	236	137	109	91	68	55	46	36	27	6.3	4.2	3.1	2.5									
AIC11015	30	XC	1.98	253	147	118	98	74	59	49	39	29	6.7	4.5	3.4	2.7									
	40	XC	2.12	271	157	126	105	79	63	52	42	31	7.2	4.8	3.6	2.9									
	50	VC	2.25	288	167	134	111	84	67	54	43	31	7.7	5.1	3.8	3.0									
	60	VC	2.47	303	177	144	117	88	70	59	47	35	8.3	5.3	4.0	3.3									
	70	VC	2.70	324	189	156	126	97	77	63	51	40	9.0	5.7	4.3	3.5									
	80	VC	2.94	348	203	169	138	107	84	67	54	43	9.7	6.1	4.6	3.8									

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).

Drop Size Classification Chart

AIC TeeJet Drop Size Classification Chart



Hi there, have a question?
Text us here.



STAFF IPM TRAINING DOCUMENTATION FORM

Golf Course: Limestone Bay Escape and Golf

GC Reg #: 25-789

Email address: mikka_pehkonen@hotmail.com

Primary IPM Agent: Mikael Pehkonen

IPM Agent #: 2105

Email address: mikka_pehkonen@hotmail.com

All staff responsible for pest control product applications and/or scouting and monitoring must be listed on the scouting and pest control product application forms. These individuals should receive annual training. This includes part-time summer employees. IPM Certified Agents have listed their training on the CEC Reporting Form. Other staff members involved in IPM-related activities should receive fundamentals, cultural practices, equipment operation, as well as disease, weed and insect identification.

Is the IPM Certified Agent(s) the only person(s) involved in scouting and monitoring and/or pest control product application? Yes

Training Year: 2025

Additional IPM Agents and their IPM Agent #:

List all training received by staff involved in IPM-related activities including both in-house and external training. Your orientation sessions with summer staff may qualify as training related to the above-mentioned topics. Keep documents that verify material covered in each session and the proof of participation in your IPM binder or files. These will be required on scouting forms or PCP application forms may be interviewed during the on-site audit.

Date	Event / Session and Topic	Employees Participating	Instructor	Name of company, educational institution or in-house

I attest that the above information is accurate and truthful. I also acknowledge my obligation to be aware of and in conformance with the requirements of IPM Accreditation as defined by the IPM Council of Canada and that failure to meet the requirements can result in loss of the golf course's IPM Accreditation status.

Date: 10/12/2025