

**ANNUAL REPORT - UNLISTED PESTICIDE USE**  
for the year 2020

**Golf Course:** Camelot Golf & Country Club

**GC IPM #:** 09-061

**Address:** 906 Quigley Hill Rd. Cumberland Ontario K4C1H1

**Email Address:** cchapman@camelot-golf.com

**Tel:** 613 833 0412

**IPM Certified Agent(s):** chris chapman

**IPM Agent(s) Certification Number(s):** 1460

Unlisted Pesticide Ingredient	Reason for Use	Total Quantity Unlisted Pesticide Ingredient Used (kg)		Reason for Increase/Decrease from Previous Calendar Year
		2019	2020	
trinexapac-ethyl	used to control growth on greens	0.371	.496	we started earlier to reduce mowing due to pandemic also previous year was delayed due to ice damage
propiconazole	used to manage various diseases	5.304	3.238	rotated in newer chemistry
iprodione	used to control various diseases	3.42	.000	older chemistry no longer available
chlorothalonil	used to control various diseases	60.587	56.144	not significant change

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		2019	2020	
fosetyl-al	used to manage various diseases and promote turf health	14.972	7.232	was used previously heavily to protect seedlings recovering from 2019 ice damage
lambda-cyhalothrin	to control ant populations	0.071	.047	more spot spraying was used to reduce
triticonazole	used to control snow mould	0.111	.000	no longer available, switched to a lower ai product
fludioxonil	used to control snow mould	11.727	9.824	rotated in newer products as trial

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		2019	2020	
trifloxystrobin	used to control various diseases	0.305	1.673	used more as rotation to replace chemicals not available
carfentrazone-ethyl	used to control moss	0.08	.292	tried product in 2019 used to control moss
bispyribac (sodium)	used to reduce poa in bentgrass	0.794	.689	not significant difference
flupyrrom	used to control various diseases	0.254	.713	used more as rotation to replace chemicals not available

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Tel: 613 833 0412

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Unlisted Pesticide Ingredient	Reason for Use	Total Quantity Unlisted Pesticide Ingredient Used (kg)		Reason for Increase/Decrease from Previous Calendar Year
		2019	2020	
boscalid	used to control dollar spot	1.474	1.474	no change
benzovindiflupyr	used to control snow mould	1.08	.900	not significant change
Fluazinam	used to control dollar spot	2	9.760	sprayed fairways this year as pressure for dollar spot was high
imidacloprid	used to control grubs	0.54	.000	used newer chemistry

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		2019	2020	
azoxystrobin	used to control high temperature diseases	0.665	.000	used newer chemistry
chlorantraniliprole	used to control grubs	0.661	1.410	enlarged areas targeted due to increasing population of adults
2,4-D	weed control	11.4	14.250	extra spraying to control weeds in first fescue cut
dicamba	weed control	1.08	1.350	extra spraying to control weeds in first fescue cut

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		2019	2020	
mecoprop	weed control	6	7,500	extra spraying to control weeds in first fescue cut
tebuconazole	used to control snow mould	NA	3,800	new chemistry in rotation
Pydiflumetofen	used to control dollar spot	NA	.640	new chemistry in rotation

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**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.

By maintaining IPM Accreditation with the IPM Council of Canada, Camelot can have a positive impact on the environment around us now and for the future. We have always strived to minimize chemical applications, but IPM makes us rethink how we deal with pests and where we deal with them as well. It helps educate people on different methods or thought processes on what and when to do something. It constantly keeps you focused on pest management and what we can do to maintain our turf quality with less pesticide application. The main thing it has done for us and will continue this current year is renewing the importance of some less utilized cultural practices to ensure we can encourage better health of the turf while relying less on chemical means.

*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:** 30-December-2020

**Owner's representative name & position:**

Greg Richardson, General Manager/CCM, CCE

**Signature:**



Print hard copy for signatures. Signed Annual Reports must be scanned and uploaded in My IPM area of IPM Council of Canada website.