

**ANNUAL REPORT - UNLISTED PESTICIDE USE
for the year 2021**

GC IPM #: 09-061

Golf Course: Camelot Golf and Country Club

Address: 906 Quigley Hill Rd. Cumberland Ontario K4C1H1

Tel: 613-833-0801

Email Address: cchapman@camelot-golf.com

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

IPM Certified Agent(s): Chris Chapman

Unlisted Pesticide Ingredient	Reason for Use	Total Quantity Unlisted Pesticide Ingredient Used (kg)		Reason for Increase/Decrease from Previous Calendar Year
		2020	2021	
trinexapac-ethyl	used to control growth on greens	0.496	.058	used more last season due to covid restrictions on labour
propiconazole	used to manage various diseases	3.238	6.178	more used in rotation for use in tees and greens this season
chlorothaloni	used to control various diseases	56.144	50.089	used less while trying to rotate newer chemistries
fosetyl-al	used to manage various diseases and promote turf health	7.232	2.400	used less due to modifications in shade problems in certain greens sites as well as Less total days above 30 degrees with high humidity.

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		2020	2021	
lambda-cyhalothrin	to control ant populations	0.047	.071	more ant populations lead to increased use
fludioxonil	used to control snow mould	9.824	10.502	trial product from previous year no longer used
trifloxystrobin	used to control various diseases	1.672	.275	used less in rotation with another product
carfentrazone-ethyl	used to control moss	0.292	.137	less moss due to removal of larger spots by physical removal

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		2020	2021	
bispyribac (sodium)	used to reduce poa in bentgrass	0.689	.639	slight reduction with use of gps spryer
fluopyram	used to control various diseases	0.712	.275	used less in rotation with another product
boscalid	used to control dollar spot	1.474	.567	used less in rotation with another product
benzovindiflupyr	used to control snow mould	0.9	.900	no change

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Fluazinam	used to control dollar spot	9.76	8.564	slight reduction with use of gps sprayer
chlorantraniliprole	used to control grubs	1.41	3.325	used on all acreage this season
tebuconazole	used to control snow mould	3.8	.000	used in snow mould control trial previous year
Pydiflumetofen	used to control dollar spot	0.64	2.320	sprayed on fairways this season

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		2020	2021	
2,4-D	weed control	14.25	19.000	extra spot spraying required to control weeds in all fescue areas
dicamba	weed control	1.35	1.800	extra spraying to control weeds in all fescue areas
mecoprop	weed control	7.5	10.000	extra spraying to control weeds in all fescue areas
azoxystrobin	used to control various diseases	NA	.570	new chemistry in rotation

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penhiopyrad	used to control various diseases	NA	.695	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. A good example of us striving to follow these guidelines is our new purchase of a GPS sprayer. This will further the reductions of pesticide use for each application as it eliminates over spraying and double spraying. In addition to the sprayer, the main thing IPM has done for us and will continue to do 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.

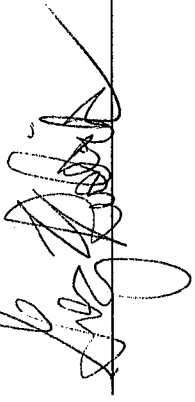
We, the undersigned, attest that the above information is accurate and inclusive of all pesticide products applied on our golf course for the entire year. We are aware that it is an offence under the Pesticides Act: 17(6) to include false or misleading information in any document or data required to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



Primary IPM Certified Agent signature:

Greg Richardson General Manager/CCM,CCE

Date: 19-January-2022



Signature:

Owner's representative name & position:

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