



Office of
INDIANA STATE CHEMIST AND SEED COMMISSIONER

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Protecting Indiana's Agriculture and Environment - Feed, Fertilizer, Pesticide and Seed

TO: Indiana golf course owners, managers and superintendents

FROM: George Saxton, Compliance Officer

RE: **Applicator Certification and Licensing at Golf Courses Rule**

DATE: September 1, 2009

On August 1, 2009, *the Applicator Certification and Licensing at Golf Courses Rule*, became effective. This rule requires: (a) certification and licensing of applicators who make pesticide applications to golf courses, (b) direct supervision of non-certified pesticide applicators and (c) maintenance of records of all pesticide applications for two years.

Do not panic! Although the Rule is already in effect, the Office of the Indiana State Chemist (OISC) intends to spend the first year offering compliance assistance to golf course personnel through inspections, outreach and educational opportunities. The purpose of this letter is to provide guidance to golf course owners, managers and superintendents on how to comply with the new rule. As a part of this letter you will find:

1. a summary of the new golf course certification rule,
2. answers to frequently asked questions,
3. a suggested record keeping form for pesticide applications, and
4. a Site Assessment Fact Sheet.

Summary of the Golf Course Certification and Licensing Rule

- Any person applying any pesticide to a golf course must have a commercial pesticide applicator license or be under the direct supervision of a licensed commercial pesticide applicator.
- A non-certified applicator can be directly supervised by any one of the following methods:
 - i. The supervising certified applicator is present at the golf course and has direct voice communication with the non-certified applicator
 - ii. The supervising certified applicator has examined the application site with the non-certified applicator, has given the non-certified applicator site specific instructions, pesticide labels, a Site Assessment Fact Sheet and has direct voice communication with the non-certified applicator.
- Pesticide application records must be kept for two years, must be available for inspection by OISC personnel or licensed health care professionals and must include the following:
 - The name and address of the golf course.
 - The name and certification number of the supervising certified applicator.
 - The date and time of application.
 - The principal pest(s) to be controlled.
 - A description of the treated area (fairway #, green # etc...).
 - The identity of the pesticide applied including the EPA Reg.#, manufacturer's name and brand name of the pesticide.
 - The amount used, either concentrate or diluted

Frequently Asked Questions

Q: The new rule requires persons that apply pesticides to a golf course to have a commercial applicator license. How do I get licensed as a commercial pesticide applicator?

A: Licensing is a two step process. First you must take and pass two exams, the core exam and a more specific category exam (in this case category 3b). Then you must submit a license application along with the appropriate fee. For specific information on where and when exams are offered, go to our website at www.isco.purdue.edu and click on the word pesticide on the left hand side of the page. Once you are on the pesticide page click on Exam Dates and Signup under Topics of Interest.

Q: Does this rule apply to other pesticide applications that I make at the golf course, such as applications to trees and shrubs?

A: No, the rule specifically defines golf course as areas of turf designated and used primarily for the play or practice of the game of golf.

Q: What if my only certified pesticide applicator quits or gets fired?

A: A golf course that loses its sole licensed applicator may hire a licensed 3b (turf) business to make applications or hire an interim applicator from another golf course.

Q: Do I need to fill out a Site Assessment Fact Sheet for every application?

A: No, the Site Assessment Fact Sheet should be posted in an area accessible by all non-certified applicators.

Q: Do I have to use the record keeping form included in this packet?

A: No, you may use any form as long as all of the required information is present.

Q: Do I have to keep a separate set of records for my restricted use pesticide (RUP) applications?

A: No, the records required under the new rule are the same as those required for RUP record keeping.

Q: Do I have to make my pesticide application records available to everyone?

A: No, the rule requires only that you make your pesticide application records available to the OISC or to a health care professional. However, it is generally a good idea to provide application information to the general public when questioned about a specific application.

For more information regarding the new golf course rule phone 1-800-893-6637

Applicator name and #
Applicator name and #
Applicator name and #

Name of GC
Address of GC
Chemical Application Record

Date: _____ Time: _____ Applicator: _____ Tank Size: _____ gal/A: _____

Nozzles: Green Leaf: Brown-32 gal/A @ 55psi; Aqua-40 gal/A @ 58psi; Blue-80 gal/A @ 77psi TeeJet: Gray - 40 gal/A @ 49psi

Area Treated: _____ # of Tanks: _____ Ft² Treated: _____

Target Pest: _____ Equipment Used: _____ Setting: _____

- | | | | | |
|------------------------|----------------------|------------------------|-----------------------|-----------------|
| 1. Annual Grassy Weeds | 6. Anthracnose | 11. Necrotic ring spot | 16. Take-all patch | 21. Chinch Bug |
| 2. Bentgrass | 7. Brown patch | 12. Powdery mildew | 17. Yellow patch | 22. Cutworm |
| 3. Broadleaves | 8. Dollar spot | 13. Pythium blight | 18. Ants | 23. Grubs |
| 4. Nutsedge | 9. Fairy ring | 14. Snow molds | 19. Armyworm | 24. Beetles |
| 5. Poa Annua | 10. Helminthosporium | 15. Summer patch | 20. Bluegrass Billbug | 25. Sod Webworm |

Name/Pesticide/EPA #: _____ Package: _____

Manufacturer: _____ Application Rate: _____ Tank Rate: _____ Total Used: _____

Name/Pesticide/EPA #: _____ Package: _____

Manufacturer: _____ Application Rate: _____ Tank Rate: _____ Total Used: _____

Name/Pesticide/EPA #: _____ Package: _____

Manufacturer: _____ Application Rate: _____ Tank Rate: _____ Total Used: _____

Name/Pesticide/EPA #: _____ Package: _____

Manufacturer: _____ Application Rate: _____ Tank Rate: _____ Total Used: _____

Name/Pesticide/EPA #: _____ Package: _____

Manufacturer: _____ Application Rate: _____ Tank Rate: _____ Total Used: _____

#N/m _____ #P/m _____ #K/m _____

Weather Conditions: Air Temp _____ Humidity _____ Wind Dir _____ Wind Spd _____

Comments _____

*Required fields are in red

Category 3b – Golf Course Turf Pest Management

Site Assessment Fact Sheet

This fact sheet can serve as written instructions from a certified pesticide applicator to a non-certified applicator. The purpose of this fact sheet is to cover a variety of site-specific precautions that will help prevent injury to the applicator, unprotected persons, the environment or damage to the golf course or surrounding property. The certified pesticide applicator supervising the non-certified applicator is responsible for determining the need for additional site-specific precautions. This fact sheet **must** be in the possession of the non-certified applicator or posted in a conspicuous location at the work site and **must** be reviewed by the non-certified applicator prior to each pesticide application.

- I have a label for each pesticide product that I am applying.
- I will wear the personal protective equipment (safety gear) required by the label(s).
- My certified supervisor's name is _____ and I am able to contact him/her by (list cell # etc...)_____.
- I have the proper pesticides(s) loaded for this application.
- The current wind speed and direction do not favor off target drift.
- I am aware that many pesticide products have label mandated restrictions that prohibit golfers or other unprotected persons from entering a treated site until restricted entry intervals for the product(s) have been met. I have reviewed the pesticide label(s) for these restrictions and have passed them along to the appropriate clubhouse personnel.
- I have checked the application site and the immediately adjacent areas for any of the following and have adjusted my application accordingly:
 - People located in the area to be treated
 - Location of potentially sensitive plants including vegetables/gardens
 - Lakes, ponds, streams, swimming pools or other bodies of water
 - Schools or child care facilities