

("Certification" continued)

- 50% — Formed a resource committee to help plan and organize projects.
 - 54% — Maintained bird feeders including seed, suet and hummingbird feed.
 - 60% — Mounted and monitored nest boxes for birds. 80% of the boxes were successful.
 - 57% — Recorded wildlife species seen on the golf course.
 - 42% — Incorporated flowers that provide nectar for hummingbirds and butterflies into gardens.
 - 78% — Managed woodlots with wildlife in mind — provide understory cover, snags, brush piles, etc.
 - 81% — Buffered ponds, streams, and wetlands with aquatic vegetation.
 - 87% — Naturalized additional out-of-play areas to provide wildlife habitat.
 - 44% — Involved the public or members in projects on the course.
 - 77% — Practiced water conservation.
 - 68% — Expanded Integrated Pest Management programs.
 - 64% — Educated members, guests, or the public about their participation in the Audubon Cooperative Sanctuary Program.
- We're excited about what has been accomplished by golf courses within their first year of involvement in the program and hope to see even greater results in subsequent years!

Wash Water Containment Area Rules

by Bob Wolf, Extension Specialist

University of Illinois — Agricultural Engineering Dept.

A recent amendment to the Illinois Lawn Care Act has established January 1, 1993 as the official date for requiring turf care professionals to use wash water and rinsate collection devices. The amendment also gave the Illinois Department of Agriculture (IDOA) the authority to permit such devices.

The rules set forth as a result of the amendment were developed this past summer by the IDOA, the Illinois Environmental Protection Agency (IEPA), and several concerned and interested persons from the turf care industry and related fields.

All licensed turf applicators in the state of Illinois will receive the rules, a permit application, and instructions for meeting the terms of compliance of the rules. The permitting process has been simplified to help reduce the possible increased cost that could result from an extensive engineering plan.

To simplify the permitting process, a general permit class system has been approved. The permit will require the applicant to provide a location map of the facility, a detailed description of the wash pad location, selection of either a class A, B, or C device, and the inclusion of a water supply protection device such as reduced pressure backflow device (RPBD), and any other information required by the IDOA. The permits would be renewable every 5 years.

The class systems mentioned above are described as follows:

Class A — Designed for portable area with small pesticide application devices. Those with capacities less than or equal to 100 gallons or 100 pounds. They would be 1.5 times the length and width of the application device and hold a minimum of 25 gallons or the device volume if greater. They must be constructed of an impervious material and must be protected from rainfall. The collection device does not require a sump.

(continued on page 22)



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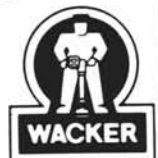


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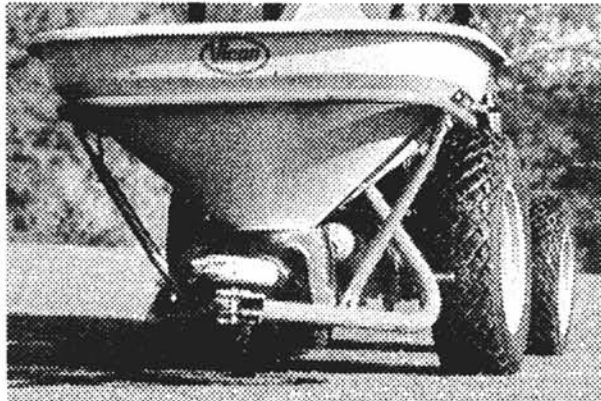
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("Wash Water Containment" continued)

Class B — Same as Class A except for:

a) if not protected from rainfall, volume of device must be equal to or greater than the volume of a 6-inch, 24-hour rainstorm.

b) The curbing and a sump system can be used to help achieve the volume required above. However the sump is only to be a transfer device, therefore, an above ground storage system would be needed to hold the washwater, rinsates, and the rainfall. This system may or may not be portable.

Class C — This class is to be designed for application devices greater than 100 gallons and 100 pounds. They need to be 1.25 times the length and width of the application device. A minimum of 120 gallons or 120% of the largest applicator volume is required. Rainfall requirements of Class B must also be met. The curbing and sump area may suffice for the volume requirements and this system is likely to be nonportable.

There is also a provision for two other special classes. They are experimental and other. The experimental class would allow for the development of any devices that would be considered to facilitate the improvement of containment technology. Experimental permits would not exceed 2 years. The other category would be a catchall type permit for special circumstances.

At this time concrete is considered the material to use in the construction of the permanent type facilities. If synthetic materials are being considered one must be certain that they are compatible with various compounds being used. The safest approach would be to get prior approval from the IDOA before purchasing such a device. The use of portable materials will require a very intense repair and maintenance schedule and manufacturers life expectancy guidelines kept on file.

Information relating to the construction of the above facilities can be attained from a book published by the Midwest Plan Service and available from the Agricultural Engineering Department at the University of Illinois. Ask for MWPS-37, *Designing Facilities for Pesticide and Fertilizer Containment*. Contact Bob Wolf at 1304 W. Pennsylvania Ave., Urbana, IL 61801 or by phone at 217/333-9418. The book sells for \$15.00.

Further information regarding the permitting process is available from the Illinois Department of Agriculture by contacting Gerald Kirbach at 217/785-0780.

A future article will concentrate on strategies for construction and the management and operations of washwater and rinsate collection devices.

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