

Participant in Iowa State University's Athletic Turfgrass and Landscape IPM Pilot Program:

The following comments will help you to fill out the following form, evaluate pest problems at your facility, and to develop pest threshold levels that guide your pesticide application decisions.

School – List the name of your school district.

Site – List the specific site and school where the evaluation is taking place. For example, Ames High stadium football field (85,000sq ft) or North Scott School courtyard (20,000 sq ft). Refer to the attached “Turf Maintenance Schedule” and divide your facility into at least 3 different types of areas based on how you want it to appear, i.e. high, medium, and low maintenance.

Pest – Use a separate form if needed for each location. Many of you are about to apply herbicides so this is a good time for the first “base line” rating. List the major weeds you are trying to control; be as specific as possible.

Quantify Pest Numbers – Please rate each location *before* treating so that you can get a base line on how much of the area is covered by weeds. For grubs, estimate what you have experienced in the past.

Pesticide History – List what you applied last year 2003 and in 2002 if possible. We are also interested in your plans for pesticide applications in 2004. Place a “P” for proposed dates that you plan to make pesticide applications.

Here are two IPM strategies that involve scouting and timely application of a pesticide when “Threshold Levels” are exceeded. 1) Scouting for crabgrass and making post-emergence applications of DRIVE in place of pre-emergence applications. 2) Scouting for white grubs in July followed by a targeted, curative insecticide application with DYLOX when “Threshold Levels” are exceeded. ****ISU Turfgrass Program will be grub scouting at each of your locations in late July and early August.**

School IPM Strategy Evaluation Form

School _____

Site (identify specific site/location/field) _____ sq.ft.

- Pest:** ___ Broad Leaf Weeds (i.e. dandelion, clover, plantain, knotweed, etc.)
___ Annual Grass Weeds (crabgrass, foxtail, goosegrass)
___ Other weeds
___ White Grubs

Quantify Pest:

For weeds use the percent of the total area at this site covered by weeds. Indicate the “actual” amount of weeds existing and the “threshold” amount of weeds before treatment is needed. List major types of weeds after each percent. For white grubs use the amount of turf area damaged by grubs or the amount of grubs per sq ft based on scouting.

Actual	Threshold	
_____	_____	% broad leaf weed cover (i.e. dandelions, clover, plantain, knotweed)
_____	_____	% annual grass cover (i.e. crabgrass, foxtail, goosegrass)
_____	_____	% of total area damaged by white grubs
_____	_____	white grubs per sq ft

Pesticide History:

Product information is needed to determine any change in pesticide use. Place a "P" by the date for applications that are proposed in 2004.

Application date	Product	Application rate/unit area	Comments
2002			
2003			
2004			