

HOW'S YOUR TURF IQ?

1. Knowledge of the soil texture will give you an idea of the aeration, water retention, drainage, and the inherent fertility. What are the three major soil separates that are significant in turfgrass culture?
2. Describe soil texture.
3. If you know what soil texture is, then what are the preferred soil texture classes for turfgrass culture?
4. Soil organic matter is an important part in the turfgrass growth and development because it contributes to improved soil structure, aeration, water retention and movement, and nutrient availability. But when do you have an organic soil?
5. Soil _____ are the primary agents responsible for the decomposition of plant residues. For correct answer, turn the pages.

**From Office of Agricultural Communications
College of Agriculture
University of Illinois
55 Mumford Hall
Urbana, Illinois 61801**

Special to Selected Publications Sensible Management of Pests Is Theme For Pesticide Clinics

URBANA--"Sensible Pest Management of Pests of Ornamentals, Turfgrass, and Non-crop Areas" is the theme for the 1977 Urban Pesticide Dealers and Applicators Clinics to be held during January in Illinois. The clinics are sponsored jointly by the University of Illinois Cooperative Extension Service; Illinois Natural History Survey; and the Illinois Department of Agriculture, Division of Plant Industries.

Topics discussed will be of primary interest to dealers or applicators who sell or apply home, yard, or garden pesticides. Custom applicators and operators who apply pesticides to nonagricultural areas such as parks, highways, golf courses, and similar areas should also attend the clinic.

Some of the topics to be discussed include: knowing what is pesticide safety; the most important pest problems of 1976 and some research results; pesticides available to dealers and applicators and recommendations for 1977; and the current status of federal and state pesticide acts.

There will be a special training session for those persons wanting to be licensed under the category, Industrial Weed Control. This session will cover the topic of non-crop weed control as commonly used along highway right-of-way.

A representative of the Illinois State Department of Agriculture will administer examinations for custom spray applicator and operator licenses at the end of each clinic for those wishing to take the exam. The exams will be in the categories of industrial weed control and landscape and turf. Tests in other categories will also be available.

Commercial applicators who last took the examination prior to 1972 must take a new examination this year to renew their license.

Additional information about the clinics may be obtained from any University of Illinois County Extension office or from Roscoe Randell; 164 Natural Resources Building, University of Illinois, Urbana, Illinois 61801.

There will be a \$3.00 charge for a manual containing educational materials and information discussed at the clinics.

Because of the anticipated large enrollment, advance registration is required for the clinic at Rosemont. Dealers and applicators who plan to attend this clinic should contact Ferdinand Arndt, 1475 Oakwood, Des Plaines, Illinois 60016. Registration and meal charge for this meeting is \$13.

Following are the dates and locations of the 1977 clinics. All will begin at 9:00 a.m.

Date	City	Location
January 10	Urbana	Travelodge, Rt. 45&I-74
January 11	Peoria	Heritage House, Rt. 88 North
January 12	Springfield	Dept. of Agriculture Bldg. (4-H Building), State Fairgrounds
January 13	Belleville	Augustines, Rt. 460&Rt. 159
January 14	Marion	Holiday Inn, I-57&Rt. 13
January 17	Macomb	4-H Cntr., 1 mile west on Rt. 136
January 18	Moline	Deere & Co. Admin. Cntr. Coaltown Road
January 19	Rockford	Rock Valley Comm. College 301 Mulford Road
January 20	Rosemont	Holiday Inn-O'Hare, I-90 & River Road
January 21	Joliet	Holiday Inn South, Larkin&I-80



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HOW'S YOUR TURF IQ? — ANSWERS

1. Sand, silt, clay.
2. Soil texture is the soil particle sizes and the relative proportions of the various soil separates in the soil and it then determines the soil texture class, such as: silty clay, clay loam, sandy clay loam.
3. The loams, loamy sands and the coarse sandy loams are the best for turfgrass culture.
4. When soils contain over 20% organic matter in the upper one foot of the profile they are called an organic soil.
5. Microorganisms are responsible for decomposition of plant residues.

Mr. Raymond Gerber
Editor, **The Bull Sheet**
865 Hillside
Glen Ellyn, Illinois 60137

Dear Ray:

Due to many circumstances, Burdett's, Inc. will be closing its doors.

Our association and my personal association with the Midwest Association of Golf Course Superintendents Association has been long and wonderful.

I will be informing you of where I land, but in the meanwhile will you please express my gratitude to all my friends in the MAGCS for the good times over the last 20 years.

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CLEANING UP THE PESTICIDES

I think it's safe to assume that those nice, warm, balmy days are behind us now, and with cold weather upon us it's time for that final cleanup.

Let's begin by locating all pesticide containers, full or empty. This would include insecticides, fungicides, herbicides, rodenticides, products used to control mold, mildews, viruses, bacteria, and germs, or any of the better known pests. They can be found just about anywhere. Don't hesitate to look in the most unlikely spots. It seems that children have a habit of finding and playing with things you overlook. Check all areas of your garage, kitchen, and basement.

There is no such thing as an empty pesticide container. There's always a little material left in the bottom of the can or bottle. The containers have been known to be used by kids for water containers. Don't leave them around to be used for anything.

Bottles for disposal should be placed in a paper sack and broken with a hammer. Cans should be crushed and punctured with holes to prevent reuse. However, do not puncture, crush, or burn any pressurized spray cans. Paper containers should be disposed of in the trash barrel immediately after emptying. Do not burn these as their fumes may be toxic.

Homeowners or business establishments having large amounts of pesticides ready for disposal should contact the Illinois Department of Public Health in Springfield for proper disposal procedures.

Pesticides that are going to be stored and used for next season should be locked up to keep the children from getting in trouble.

Pesticides sprayers can be expensive. They should be drained completely. Don't drain herbicides (weed killers) near plants or insecticides where children or pets can come in contact with them.

If you are not going to be using your sprayer this winter, coat the inside with rust inhibitor. It's always best to store these precision tools in a temperate spot. Freezing can cause problems.

CGSAA CONFERENCE AND SHOW

Portland, Oregon — February 6-11, 1977

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