Dates for this column need to reach the editor's desk by the first of the month preceding the date of publication.

**Annual Southern California Turfgrass Institute**, main theater at California State Polytechnic College, Pomona, May 19-20.

**Ohio Forestry Association** Paul Bunyan Show at the Ohio State Fairgrounds at Columbus, May 22-24.

**Outdoor Living Review**, Ohio State University, Don Scott Airport Grounds, June 5 and 6.

**Penn State Field Day**, formally dedicating the Joseph Valentine Turfgrass Research Center, June 24 and 25.

**Ohio Chapter, International Shade Tree Conference**, at the USDA Shade Tree and Ornamental Plants Laboratory at Delaware, Ohio, July 8.

**Hyacinth Control Society** at the Sheraton Motor Inn, Huntsville, Ala., July 12-15.

**American Sod Producers Association** 4th annual conference and field day, Ramada Dorchester Inn, Dolton, Ill., and the H & E Sod Farm, Momence, Ill., July 28-30.

nently damaging the desirable grasses. It should be removed only during periods of rapid growth, e.g. for bluegrass and fescues—spring or early fall; for bermudas or zoysias—late spring or summer. When thatching is not too severe, the desirable grasses will immediately cover over the scarred areas and prevent weed invasion.

Although hand-raking is often tried and may help prevent thatch formation, Powell said, it seldom is vigorous enough to remove the 80 bushels or so of thatch that may exist on a lawn. Machines for mechanically removing thatch basically consist of a reel having blades, knives, or tines which revolve in a plane that is vertical to the ground. They vary in size, power, depth of penetration and width between blades on tines. Thus, the amount of thatch removed and the damage to desirable grasses are variable.

---

**Toro Expanding Again**

Toro Manufacturing Corporation, Bloomington, Minn., is expanding its headquarters office space by two-thirds. Groundbreaking began in February and completion is expected by early July. The expansion is the second in less than a year. Work on the Toro plant in Windom, Minn., has just been completed, virtually doubling manufacturing and office facilities there.

**What’s New in TURF IRRIGATION?**

**TURF Cam Action Rotary Pop-up!**

"IT NEVER STOPS TURNING"

Precision designed and engineered to give years of maintenance free service.

- Covers up to 68 ft. dia. (Avail. full/part circle)
- Heavy brass and bronze construction
- Smooth action gives controlled watering pattern
- Great for low pressure areas
- Designed for easy installation
- Most economical concealed rotary available

Tell us about your irrigation problems. Expert prompt design service at no cost or obligation. Write for catalog.

**TURF IRRIGATION CORPORATION**

73 Mall Drive, Cutchack, N.Y. 11725

**MOVING?**

Changing Your Address?

If so, notify our circulation department right away to be certain the magazine reaches you at your new location. The Post Office won’t forward your copies. So when you write us, make it at least three weeks in advance of your moving date, and include your old address, as well as the new one. We’ll see you don’t miss a single issue.

Send old and new address information to:

**WEEDS TREES and TURF**

Circulation Department
9800 Detroit Ave., Cleveland, Ohio 44102