

# FERTILIZER & ALL TURF CHEMICALS

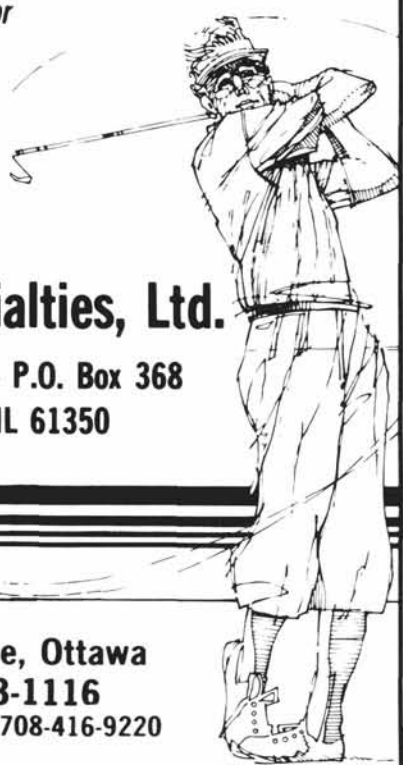
Featuring Care For

- Golf Course
- Lawn Care
- Landscape
- Nursery

## Turf Specialties, Ltd.

Rt. 23 North - P.O. Box 368  
Ottawa, IL 61350

Main Office, Ottawa  
815-433-1116  
Chicago Office 708-416-9220



## Reach, Speed & Stability



Ford New Holland "Super Boom" skid-steer loaders do more for you:

- \* Reach - Loads center of six-wheel dump.
- \* Speed - Faster cycle times, speeds up loading/unloading operations.
- \* Stability - Longer wheelbase with low center of gravity.

MARTIN IMPLEMENT SALES, INC.  
16400 S. 104th Ave.  
Orland Park, IL 60462  
(708) 349-8430



## Golf Course Operations Must Supply Information About Hazardous Chemicals

Congress recently approved the largest appropriation to date — \$27 million for fiscal 1990 — for the U.S. Environmental Protection Agency to implement the federal right-to-know act, specifically to encourage local emergency planning. Congress also has ordered the Federal Emergency Management Agency (FEMA) to prepare, by March 31, a study on the major threats facing communities and local emergency management coordinators.

In 1986, the U.S. Congress enacted the Emergency Planning and Community Right-To-Know Act (EPCRA) as a response to growing concerns about the effects of chemical releases on communities. The act (1) supports emergency planning efforts at the state and local levels, (2) provides citizens and local governments with information concerning potential chemical hazards present in their communities and (3) establishes enforcement procedures and civil, administrative and criminal penalties for non-compliance.

**Subtitle A** establishes the framework for emergency planning by state and local governments by calling for the creation of state emergency response commissions and local emergency planning committees. These local panels are designed to work on emergency response plans in cooperation with representatives of facilities — **including golf courses** — covered by the law.

**Subtitle B**, which was designed to provide information to appropriate local, state and federal officials on the type, amount, location, use, disposal and release of chemicals, includes three reporting provisions:

*Section 311* applies to all facilities, such as golf courses, that are subject to the Occupational Safety and Health Act of 1970 and subsequent OSHA regulations. The owner or operator of a golf facility must submit material safety data sheets (MSDSs) or a list of the chemicals for which the facility is required to keep MSDSs to state emergency response commissions and local emergency planning committees and fire departments.

Updates are due within three months after OSHA regulations require the owner/operator to prepare or have available an MSDS for a specific hazardous chemical. A revised MSDS must be submitted for significant new information regarding a chemical for which an MSDS was previously submitted.

Also under Section 311, EPA can establish threshold quantities for hazardous chemicals, so that no reporting is required if a facility has a below-threshold amount of a hazardous chemical.

*Section 312* requires facilities covered by Section 311 to submit a chemical inventory form annually by March 1. The inventory forms must contain an estimate of the maximum amount of the hazardous chemicals present at the facility during the preceding year, an estimate of the average daily amount of hazardous chemicals at the facility and the location of these chemicals at the facility.

Section 312 calls for two reporting "tiers". Tier I requires only general information on the amount and location of hazardous chemicals at the facility. Tier II information, which need not be submitted unless requested by the state commission or the local planning committee or fire department, requires more detailed information about each chemical.

(cont'd. on page 10)

Section 313 requires EPA to establish an inventory of toxic chemical emissions from facilities that meet certain criteria. The information will be used to establish a computerized national database accessible by the general public.

Under Section 313, owners and operators of certain facilities must complete a toxic chemical release form for specified chemicals, reflecting releases during the preceding calendar year, to be submitted to EPA and state officials annually on or before July 1.

Facilities that use more than 10,000 pounds of a single listed toxic chemical or that manufacture or process more than 25,000 pounds total of any of the listed chemicals must submit toxic chemical release forms. These forms request information on the maximum amount present at the location; treatment and disposal methods; and annual quantity released into the environment for each listed chemical or chemical category.

The initial list of toxic chemicals subject to reporting requirements consists of 329 entries, including 20 categories of chemicals. EPA's administrator may add or delete chemicals on the list based upon an agency determination of health or environmental hazards. State governors and the public may petition the administrator to add to or delete from the list.

Title III of EPCRA outlines trade secret protection and enforcement procedures:

Section 322 applies to trade secret claims under reporting requirements for emergency planning and Sections 311, 312 and 313. Even if specific chemical identity of an extremely hazardous substance or chemical is allowed to be withheld as a trade secret, the generic class or category of the chemical must be provided.

Section 323 requires that chemical information withheld from the public as a trade secret must be made available to health professionals for diagnostic purposes and emergency assessment activities. In these cases, the person receiving the information must be willing to sign a confidentiality agreement with the facility.

Section 325 provides for enforcement procedures and penalties as follows:

- civil penalties for owner/operators not complying with emergency planning requirements
- civil, administrative and criminal penalties for owner/operators not complying with emergency notification requirements following the release of a listed hazardous substance
- civil and administrative penalties for owner/operators not complying with reporting requirements in Sections 311, 312 and 313
- civil and administrative penalties for trade secret claims that are ruled frivolous
- criminal penalties for disclosure of trade secret information.

---

**Please Support  
Our Advertisers  
As Often As Possible**

---



NATURAL ORGANIC  
**Milorganite®**  
FERTILIZER  
**America's  
Number One  
Natural  
Organic  
Fertilizer**

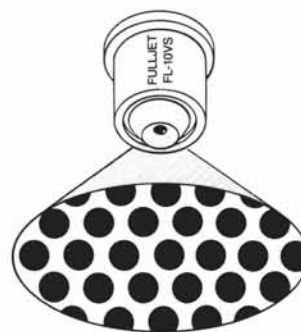
- Many of the finest golf courses in America are fertilized with Milorganite.
- Non-burning, cost-effective, turf fertilizer.
- 90% Water Insoluble Nitrogen (W.I.N.), slow release nitrogen promotes vigorous growth.
- Rich in organic iron — 4% minimum guaranteed.
- Supplies humus and improves water holding capabilities of soils.

**FREE LITERATURE**  
For further information call  
**414-225-2222.**

**Unique FullJet® spray tips  
reduce drift with larger more  
uniform droplets.**

Fighting turf chemical drift is easy: switch to FullJet spray tips. With FullJet spray tips, droplets are larger and more uniform than droplets produced by ordinary tips. So just in case the wind picks up, go pick up a set of precision-machined

FullJet spray tips.....only at your TeeJet® dealer.



**FullJet®**  
To reduce spray drift



**Spraying Systems Co.**

Agricultural Division, North Avenue, Wheaton, IL 60188