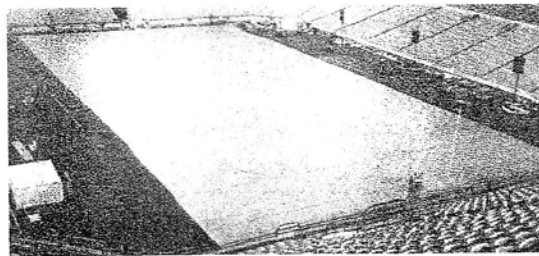


Baseball infield covers come in standard and custom sizes



Full size covers for football and soccer are readily available

# Ultimate Field Cover Protection

Manufactured in North America, COVERMASTER® covers are made from the widest available materials to limit the number of seams and can be custom designed to your requirements.

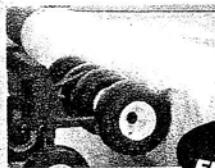
We also offer the widest range of colors in the industry.

With more than three decades of experience and our commitment to achieve complete customer satisfaction, COVERMASTER® field covers are recommended by more groundskeepers than any other.

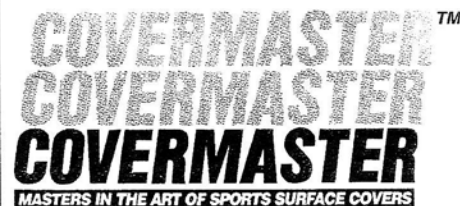
## Ultimate Field Cover Handling

The TARP.MACHINE™ (left photo). Attached to any 14 HP tractor equipped with a PTO, it rolls the cover on and off the field in a minimum of time.

The TARPMATE™ (right photo) stores any size cover. Strong and lightweight, the 28" diameter plastic roller is complete with safety end caps and is available in three standard lengths.



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## CUSTOMER FEEDBACK...

From 1-10, your company is a 10...  
Jim Simmons, Facility Mgr., Buckingham Little League, Ft. Myers, FL

Great service... the best...  
Chip Baker, Asst. Baseball Coach  
Florida State University, Tallahassee, FL

Experience with Covermaster has been outstanding... appreciate special attention...

Ray Tanner, Head Baseball Coach,  
Univ. of South Carolina, Columbia, SC

Excellent quality with competitive prices...  
Johnson Bowle, Associate AD, Drexel University, Philadelphia, PA

Covermaster takes extra step to meet customer's exact needs...  
Gay Mayse, Asst. Gen. Mgr., Wisconsin Timber Rattlers, Appleton, WI

Response time was great... recommended by groundskeeper of St. Louis Cardinals...  
David Hopkins, Alton American Legion Baseball, Alton, IL

Very good... highly recommended...  
Dunham Wright, Facilities Supervisor,  
Northeast Louisiana Univ., Monroe, LA

Delivered in perfect condition... best product I looked at...  
John Millardo, Supt. of Parks, City of Middleton, Middleton, CT



## "RUTGERS CORNER"

### 'Turfgrass Species and Soil Conditions Affect Irrigation Requirements'

by Dr. James A. Murphy, Specialist in Turfgrass Management

Many factors influence the water requirements to grow turfgrass. A healthy, high-quality turf may need up to 1¾ inches of water per week to keep it growing vigorously under hot, dry, windy summer conditions. This total water requirement includes both rainfall and irrigation. Turfgrass will require much less water when the weather is cool or cloudy. Turfs that produce a deep root system will require less frequent irrigation than a shallower rooted turf. In many cases, rooting is limited by poor soil conditions and subsequently such turfs require more frequent irrigation to produce healthy vigorous growth and an acceptable playing surface.

Turf-type tall fescue will require less frequent irrigation than Kentucky bluegrass, if it can grow a deep root system. In many cases, however, tall fescue rooting is limited by poor soil conditions and, subsequently, such turfs require as much watering as Kentucky bluegrass to look good and maintain healthy vigorous growth. Perennial ryegrass will typically have poorer drought tolerance than tall fescue and Kentucky bluegrass.

Turf, or any plant, should be irrigated in a manner that applies enough water to moisten as much of the root zone as possible. A soil probe can be used to determine what the average rooting depth is in a turfed area lawn. If the roots grow down to 6 inches deep, irrigate to moisten the soil to that depth.

In addition to rooting (soil) depth, the quantity of water to apply is also a function of the soil's texture, organic matter content, structure, and bulk density. Examples of the effect of soil texture on soil water availability are provided in Table 1. From Table 1, it is evident that the amount of irrigation water applied in a single event is predicated on the soil's ability to hold water. Sands typically can only be irrigated with a ¼ to ½ inch of water at a time, whereas a silt loam can have 1½ or more of water applied in a single irrigation event (provided that the water is not applied too intensely resulting in runoff).

Continued on next page.

Established 1925

## Fertl Soil

Specializing in Topdressing and Construction Soils  
For Golf Courses and Athletic Fields

548 Rosedale Road

Kennett Square, PA 19348

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**Table 1. Available soil water for various soils.**

Soil Texture	Available Soil Water	
	inches	per foot of depth
Sands	0.5	
Loamy Sands	1.0	
Sandy Loams	1.5	
Loams	2.0	
Silt and Clay Loams	2.5	
Clays	2.0	

Adding organic matter (e.g., peat, compost) to soil will increase the water holding capacity of a soil. Unfortunately, the structure of a soil is often destroyed during earthmoving operations and typically creates a very high soil bulk density. High bulk density soils will not only suffer from poor water infiltration but also low soil water availability. Thus, turf grown on soil damaged by compaction will be extremely prone to drought stress because it dries out very quickly. To improve your ability to conserve water, devote considerable effort to loosening (cultivating) any soil that is compacted during earthmoving operations. Cultivation with an agricultural subsoiler, chisel plow and discing equipment prior to establishing a turf will greatly improve the capacity of the soil to avoid drought problems (high frequency of irrigation) after establishment. ▲

## CALENDAR OF EVENTS

### RUTGERS

**July 31 - Rutgers Landscape Turf Field Day,** Adelphia Plant Science Research Station, Adelphia, NJ. (Learn about the research on turf grasses to improve your turf).

**August 1 – Golf & Fine Turf Research** Hort. Farm II – Ryder's Lane, North Brunswick, NJ  
**For information call:** Bea Devine (732) 821-7134 or Dick Caton (856) 853-5973 or (732) 932-9711 ext. 135.

**Pesticide Recertification Credits Offered On Both Days**

### SFMANJ

**August 8 – Field Day** at Bernards Twp's Harry Dunham Park, a day loaded with equipment demos, five ways to attack your goal mouths, writing specs, maintenance programs and more. 8:00am to 3pm. Fliers were mailed in June. Call Eleanor at 908-236-9118 for info.

### NEW JERSEY RECREATION & PARKS ASSOC.

**September 25 – Skatepark Risk Management Workshop** - 9:00 am to 1:00 pm  
 Red Hill Activity Center, Middletown, NJ  
 Contact: NJRPA at (732) 568-1270  
 Registration: \$80.00 NJRPA member, \$100.00 non member

### NEW JERSEY TURFGRASS ASSOCIATION

**December 10-12 - New Jersey Turf and Landscape Expo 2002**, Taj Mahal, Atlantic City, NJ. (Athletic Field Educational Sessions begin Wed., Dec. 11 from 4pm to 6pm. & Thurs. Dec. 12 from 10am to 3:30pm with annual SFMANJ meeting at 1pm, Thursday).

### SFMANJ Membership Registration form

**Name** \_\_\_\_\_

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**Employer** \_\_\_\_\_

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**E-Mail** \_\_\_\_\_

**Signature** \_\_\_\_\_

**Individual.....\$35**  
**Associate.....\$35**

**Organization/Institution.....\$35**  
**Additional member from facility.....\$20**

**Commercial/Contractor/Vendor/Supplier.....\$85**  
**Additional member from company.....\$25**

**Student.....\$10**  
**STMA Members deduct \$10 for first applicant**

**Send with Check or voucher to:**  
**SFMANJ**  
**P.O. Box 370**  
**Annandale, NJ 08801**

**Bernie White**  
Sales Representative

**Wilfred MacDonald, Inc.**  
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**Did you know?** If you store your string trimming line in a bucket of water it will remain softer, less brittle and will last longer.