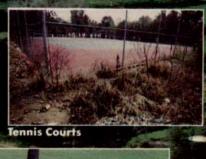
# JUST ABOUT EVERYWHERE YOU LOOK, YOU'LL FIND ANOTHER USE FOR ROUNDUP" HERBICIDE.





Sandtraps



Renovations

Think of all the places unsightly weeds and brush can plague your golf course. Around greens. In rough. In and around sandtraps. Near the clubhouse and tennis courts. Along cart paths, sidewalks and driveways. Along fencerows. Fortunately, there's one herbicide you can use in *all* these key problem areas— Roundup.<sup>®</sup>

No other herbicide is as effective or versatile as Roundup for control of tough emerged weeds and brush—wherever they grow. Sprayed on the foliage of actively growing labeled weeds, Roundup herbicide goes right down to the roots and controls the entire plant. So treated weeds won't grow back.

ignposts

Yet Roundup is inactive in the soil, so it can't wash or leach out of treated areas to injure desirable vegetation.

See your chemical dealer soon for your supply of Roundup. And control golf course weeds effectively—from the first tee to the clubhouse.

FOR A FREE GUIDE TO ROUNDUP, CALL 1-800-621-5800 TOLL FREE. IN ILLINOIS, CALL 1-800-972-5858.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS FOR ROUNDUP. Roundup<sup>\*</sup> is a registered trademark of Monsanto Company. © Monsanto Company 1982. RUP-SP2-113 Circle No. 116 on Reader Inquiry Card

Monsanto



Circular driveway and berm made this simple, boxy house stand out.

and rock patios, walls, walks and garden features such as gazebos and arbors. Our designers are also involved in the design and construction of swimming pools and guest parking, garden rooms and are very involved with many aspects of landscape design. We find the client benefits greatly from hearing the designer coordinate this construction and that the designer is pleased with the overall effect of the landscape design. We find that if the designer is pleased, the owner will usually be pleased.

Because of high interest rates, the trend in Atlanta is to remodel a home, redecorate the interior and extend the living areas to the outdoors by adding patios, arbors, gazebos and other landscape features. We believe in the master plan which the client can follow and complete in phases. I think you have to establish your market and we have found that the market we want to cater to is the market that believes in quality and appreciates the benefits of dealing with a professional company.

#### Small boxy house

This house is a very small house and the owners did not wish to buy a larger home, but chose rather to develop and remodel this home the way they wanted. Consequently, major changes were made to the yard and the home as well.

When we started working with the Jones', the house itself was very unattractive. It was a very boxy house with simple driveway and a narrow set of front steps. The front porch was too narrow to be usable and therefore a change was made in the porch and steps were added across the entire length of the porch. The steps now link the home to the new circular driveway we suggested. The porch now serves as



**Green Brothers** changed a flat pasture into a mounded estate with a forecourt to hide the parking lot.

a walkway to the front entrance.

The original driveway came up the side of the yard and there was no garage or guest parking area. We designed a circular driveway which provided not only a place for guests to park, but also added more depth to the house. As you can see in the photograph, it looks like the house was moved back twenty five feet on the lot. In order to block the driveway from the street and soften the large amount of parking, a berm was created with mass plantings of dwarf chinese holly with a groundcover of english ivy. Red maples were planted along the drive to add shade.

Originally, the house was painted a very drab white color. The color was changed to Holt's storehouse gray with Blair House green shutters. Grayish colored slate was chosen for the porch paving. A pierced brick wall was constructed along the right side of the house where the old driveway had once been, and a brick walkway was installed to connect the front area to the back patio. An iron gate was installed for both function and aesthetic reasons.

The front plantings are very simple but give a variety of color and texture such as the round leaf of the compacta holly and the sharp pointed leaf of the carissa holly. This landscape is very simple and has greatly enhanced the value of this home.

#### In the middle of a pasture

The next house we are showing was located on a thirty acre farm in the middle of a pasture. The drive was on the left and ended in a recently enlarged parking area which accommodates nine cars. We designed a circular driveway and changed the entrance so traffic can enter a parking forecourt and exit without seeing the parked cars. We installed a small brick wall to retain the area and used the dirt to construct mounds with large plantings to screen the parking area and the house next door. We simplified the landscape by keeping it very symmetrical and used an assortment of groundcovers throughout the landscape for low maintenance.

Continued on page 27



No.1 Value In 36" + Intermediate Mowers





Use the other side of this card to order your copy of ADVANCES IN TURFGRASS PATHOLOGY.



### Advances in Turfgrass Pathology

published by HARCOURT BRACE JOVANOVICH PUBLICATIONS in cooperation with Dr. B. G. Joyner, Dr. P. O. Larsen and Chemlawn Corporation

\$27.95\* (hardcover) \$18.95\* (paperback)

#### This extensive volume contains chapters on:

 turfgrass diseases
 cool v.s. warm season pythium blight and other related pythium problems
 snow molds of turfgrasses
 fairy rings leaf spot of Kentucky Bluegrass in Minnesota
 initial and filed fungicide screening
 turfgrass disease resistance
 PLUS MUCH MORE!

ADVANCES IN TURFGRASS PATHOLOGY is a compilation of more than 23 reports and discussions by the nation's leading turfgrass pathologists. Explore the diseases that attack turfgrass. Find out how to conquer the battle of turfgrass diseases.

WIT1082         WIT1082         DUSCINCESS REPLY CARDS         ENST CLASS PERMIT NO. 24 HESSTON, KANSAS         Postage will be paid by addressee         Destage will be paid by addressee         Excel Industries, Inc.         P.O. Box 727         Beston, Kansas 67062	to the right equipment for the right job.
уттява         BUSSINESS REPERSACEARD         Test Class Permit No. 4827 Omaha, Ne.         Secessary         District Class Permit No. 4827 Omaha, Ne.         District Class Permit No. 4827 Omaha, Ne.	<text></text>
Return this card to:       Book Sales HARCOURT BRACE JOVANOVICH PUBLICATIONS One East First Street, Duluth, MN 55802         Please send meCopy(ies) of ADVANCES IN TURFGRASS PATHOLOGY         My payment* of \$per copy is enclosed.         \$27.95* hardcover       \$18.95* paperback       Quantity rates available on request         *Please add \$3.00 per order plus \$1.00 per additional copy for postage and handling.       Please charge to my Visa, MasterCard or American Express (circle one)         Account Number       Expiration Date         Name	ADVANCES IN TURFGRASS PATHOLOGY keeps you up-to-date on turfgrass problems!

American ingenuity brings you a front mounted hydrostatic mower with more features at a competitive price

**The Performer** by 



The Performer is available in 18 and 23 hp Power Units, and a selection of 52", 62", and 72" mower decks.

I want a demonstration of the Smithco Performer.

Name		
Address		
City		
State	Zip	
Company		
Phone		



Aquashade can make your serene pond or lake so beautiful, without harm to humans, fish, wildlife and turf.

PLANNING TO PREVENT NOXIOUS **AQUATIC PLANT GROWTH?** WITH AQUASHADE?

#### **AQUASHADE IS:**

- •Economical, because it long lasting.
- •Non-toxic, no harm to humans, livestock, fish, wildlife and turf (EPA Registered)
- •Non-killing, because it controls growth by suppressing.
- Easy to use, by just pouring.
- •Beautifying, by coloring water in natural aqau-blue that will reduce sunlight.

#### **IF SO, PLEASE CHECK-FILL IN- & RETURN**

Name & Prof. Title		FOR- Landscaping
Street of P.O		Golf Courses Farm Ponds
Town State		Industrial Ponds Recreational Park
NEED- Nearest Distributor Pricing Ship at once	Amount (1 gal. per 4 acre ft) (1ppm)	Fountains Fish Rearing Pond

Use the other side of this card to order your copy of TURF MANAGERS' HANDBOOK. \$23.95\* hardcover \$18.95\* paperback

TURF MANAGERS' HANDBO By Dr. William Daniel and Dr. Ray Freeborg

This essential reference book covers: scope and organization grasses and grooming rootzones and water nutrition

·pests and controls •uses of turf •serving turf needs •AND MORE

The TURF MANAGERS' HANDBOOK is an easy on-the-job reference to planning, purchasing, hiring, construction, and plant selection. These 424 pages contain 150 illustrations, 96 color photographs plus 240 tables and forms.



ORDER YOUR COPY NOW!!!

WTT/882



POSTAGE WILL BE PAID BY ADDRESSEE

Smithco Inc. 11 West Avenue Wayne, PA 19087

WTT/882

AQUASHADE, INC.

P.O. Box 198 Eldred, N.Y. 12732

NOF	POSTA	GE
NEC	ESSA	RY
IF	MAILE	D
1	N THE	
UNITE	D STA	TES
-		
	-	
-	-	
-		
		-
	1	

American ingenuity brings you a front mounted hydrostatic mower with more features at a competitive price







Aquashade can make your serene pond or lake so beautiful, without harm to humans, fish, wildlife and turf.

	eturn this card to: Book Sales HARCOURT BRACE JOVANOVICH PUBLICATIONS One East First Street, Duluth, MN 55802		
		hardcover	it concerns
*Please add \$3.00 per order plus \$1.00 per add Please charge to my Visa, Mas Account Number	turf, it's		
Name Address City			in the
Phone Number Signature WTT/882 Please			TURF MANAGERS' HANDBOOK!

#### On top of a hill

The third home was located on top of a hill. The first thing one noticed when approaching the house was the garage doors and the windows above. We explained that this needed to be softened and suggested adding a cedar deck to the vertical element. The stark white color of the house was not in keeping with the wooded lot so we painted it a tan color which would blend with the tree trunks and give one the feeling of living in the trees.

To make the front entrance, which was set back in the corner, more inviting and visible, we added a series of steps and landings to create an entrance courtyard. We removed the double windows in the dining and breakfast rooms and added double french doors so the owners could walk out on the deck to sit and have coffee. We added raised planters with the various shrubs for texture and color contrasts.

There was more construction at this particular home in the decks and planters than there was in the landscape which was only \$3000. The deck work was approximately \$13,000 and the brick work \$4000. Without the decks and planter, we would never have been able to change the entrance to this house. All of this work was coordinated by our company. These clients were so happy with their front landscaping that we landscaped their back yard.

#### **Problem with access**

The owners of the fourth home were concerned about the entrance and the garage under the right wing of the house, as no one used the front door. We explained to the client that one reason that the steps were difficult to walk up was because they had 9-in. risers instead of 6-7-in. risers and 9-in. treads instead of 14-16-in. treads. There was also not adequate room for parking. The parking area needed to be widened from 11-ft. to 22-ft. so that access to the garage would not be impaired. By adding a series of steps and landings, the entrance was made more inviting and accessible. As the house had existing rock,



**The dominant feature** of this hilltop residence was the garage until a deck and paint job helped the house blend with the landscape.



A poorly designed front entrance had to be corrected here with a larger parking area and a more inviting stairway.

rock planters were designed using plant material with varying textures and color contrasts.

Existing concrete decking around the swimming pool was removed and replaced by cedar decking and landings. Adding plantings in raised planters gave the pool an updated look.

#### **Older Atlanta home**

The last home is a small one located in one of Atlanta's older sections. The houses in this area are built on very small lots with little space between them, therefore screening was needed for privacy. The porch, walk and driveway were removed and a small brick wall was added, the yard was leveled and a wider drive was made possible. A new brick wall and porch were added. Gates were added to block the side view.

Since the lot was so small, we needed to use plant material that would always remain in scale with the house. A very old tree-form crepe myrtle was added for the vertical element needed to soften the left corner. Cleyera, carissa holly and "pure dwarf" mordo grass made up the foundation planting. Tree-form cherry laurels were added to soften the over scale house on the right, while standard tree-form photenia frame the left side. A serpentined planting bed curves to the sidewalk creating an illusion that the house is further from the street than it really is. Various plant materials were added for annual color. WTT

### ACTION CARD CORRECTION

In the April issue the address for Aquashade, Inc. was incorrect. The correct address is P.O. Box 198 Eldred, NY 12732 (914) 557-8077

## SWITCH HITTER

Shade or sun, Glade's a beauty that grows both ways. When trees and structures throw shadows on your plans, it's time to call in Glade to swing with the hot times and up to 60% shade. Excellent dark green color, fine texture and better disease resistance make Glade a big hit with crowds in recreation areas, or simply covering home and commercial grounds. Switch to Glade for consistently high scores in sun or shade. At your local wholesale seed distributor.





Circle No. 109 on Reader Inquiry Card

Another tine quality-controlled product of Jacklin Seed Company.

## LANDSCAPE MANAGEMENT

Schools . . . Colleges . . . Universities

# WEEDSTREESETURF

### SCHOOL LANDSCAPE MANAGEMENT RESPONDS TO A CHANGING PUBLIC

The landscapes of educational institutions may not represent the highest level of plant selection and care, but they do represent a significant percentage of the acreage maintained in the United States. Approximately two million acres are under the care of physical plant administrators of public and private schools, colleges, and universities in the United States.

Decline of student population after the Baby Boom generation received its education has caused consolidation of public school districts and some school closings. Still, more than 30,000 educational institutions seek to efficiently maintain their landscapes.

A recent Weeds Trees & Turf survey showed school landscape managers get by on budgets which increase less than ten percent per year. A fourth of the respondents reported no increase in the past three years, however, public schools utilize requisitions for many purchases which may not be included in the maintenance budget. Improvements for drainage, equipment, and special projects are added if needed. Only 12 percent said equipment purchases had been delayed by economic conditions.

Nearly a third of the schools reporting hire a landscape contractor for a portion of the maintenance of landscapes. The amount of work performed by contractors averaged less than 25 percent. A previous survey of landscape contractors by WTT indicated this type of work was remaining constant but not growing. They also reported problems with specifications, bidding and payment for public work.

The average respondent to the school survey said he has a landscape budget of \$51,000 to maintain more than six facilities on 153 acres. More than half employed 15 or more people to perform the work. Clearly, the landscape budget does not include salaries and benefits.

School landscape managers do most of their planning during the month of May. Secondary planning takes place in late winter and in

Less than half the schools reporting had a certified pesticide applicator on staff.

early summer. Purchasing is heaviest from March through June, although more than half reported some purchasing year-round. The least amount of buying occurs in the fall and early winter.

Two thirds of the respondents spend less than \$10,000 per year on equipment, even though more than half reported repair work on equipment was performed by a full-time mechanic rather than a distributor's service department. The following profiles indicate distributor service is a better idea although turnaround of less than a week is sometimes difficult for distributors.

Following equipment are expenses for irrigation, plant materials, herbicides and fertilizers, all averaging \$5,000 or less per year. Compared to other markets in the Green Industry, these are small amounts. The significance of the market is supported by the volume and the stability.

Schools, like parks, are basically functional, yet low maintenance areas. The athletic fields are the only part of a school landscape receiving special care. Often, it is the contractor performing those functions which exceed mowing and perhaps annual fertilization.

