INTRODUCING
New TURFLON*D
FIRST LINE
OF DEFENSE.

New TURFLON*D herbicide. Here's a post-emergence herbicide for broadleaf weeds. It's been thoroughly tested by the major universities in the Bluegrass Belt and proven under Experimental Use Permit (E.U.P.) on hundreds of lawns.

It works. It will reduce callbacks. It will make you money!

Here's why: TURFLON D will get the early season weeds including the tough ones like veronica spp. along with dandelions and other easier-to-kill weeds. A later application gives outstanding control of wild violets, ground ivy, spurge, oxalis and others.

TURFLON D wide-spectrum control works to your advantage when it comes to customer satisfaction. You'll make more money because you'll reduce callbacks, customer cancellations and probably save a round or two of herbicide application.

TURFLON D herbicide is a combination of triclopyr and 2,4-D that will control both the tough and standard weed species without injuring established cool-season turf such as tall fescue, bluegrass and perennial ryegrass. It is a low-volatile ester formulation designed especially for professional applications.

And it offers reduced potential for off-target injury because of low volatility and little movement in the soil.

Now there's cost-efficient broadleaf control you can count on. TURFLON D herbicide...your first line of defense...for better weed control! For more information, contact your chemical distributor or write: The Dow Chemical Company, 9001 Bldg, Midland, Michigan 48640.

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Circle No. 108 on Reader Inquiry Card
Getting Rid of the White Stuff
Most landscape managers across the country at one time or another are confronted with removing snow. An up-to-date look at some of the men and machines that do it.

Guide to Fine Fescues
C.R. Skogley of the University of Rhode Island explains the diversity of this often overlooked and under-utilized grass.

Gentleman Jim
Jim Marria is president and owner of one of the largest lawn care companies in Idaho. His business has branched out into other states. Where did this million-dollar company have its beginnings? In Marria’s garage.

Lawn Care Market Survey
How much will the lawn care business grow? Has it peaked yet? Where are the greatest expenditures? What are some secrets of managing a successful lawn care operation? Our survey answers these questions and more.

Ever-Green’s Gold
Colorado’s largest lawn care company thrives on its owner’s penchant for hard work and quality.

Turf Vehicle Guide
Sales of turf vehicles are being spurred by a healthier market and a demand for luxury vehicles.
NEW! The quality fertilizer that meets your potassium needs

High K Fertilizer from Scotts® is formulated to help correct soil potassium levels and condition turf to tolerate stress.

Improved tolerance of drought, temperature variations and wear are only some of the advantages from potassium fertilization. For more information about High K Fertilizer or Scotts exclusive soil analysis, call your local ProTurf® Tech Rep.

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WE HAVE TWO.
Our standard 400 cc (11 hp) engine has stood alone as the most popular lawn and garden tractor engine for several years. For several reasons. It's got the kind of reserve torque a tractor needs when loads suddenly increase. The patented slinger-gear lubrication system keeps all surfaces coated even on 20° slopes. The large 1.42 liter oil capacity extends running time. And Magnetron® electronic ignition extends spark duration and KV output while eliminating points and condenser. All things considered, there was no other choice. Until now. Because our new I/C 400 cc engine matches its performance against tougher industrial and commercial requirements. It has a cast iron bore to extend block life. Cobalite-faced valves and seats will last longer. Sintered valve guides are replaceable. So is the DU crankshaft bearing. The dual air cleaner and trash guard perform under dirtier, dustier conditions and extend the service interval. The new I/C 400 cc works harder, longer. And gives you more to sell. So you have the option. You can custom match the right engine to your equipment and market and still have the number one choice—Briggs & Stratton.
Demand, imports, deregulation create fertilizer price speculation

The price of fertilizer may roller coaster for the next two to three years according to industry analysts. Large fertilizer users, who have enjoyed stable urea prices for nearly ten years, are planning for increases.

The U.S. Department of Agriculture reports demand has increased more than 200% for nitrogen and more than 65% for potash since 1970. Increased demand for fertilizer has been met largely by importing urea from countries where natural gas prices are cheaper and a strong dollar favors U.S. buyers.

Natural gas is a major component in urea manufacturing. To balance trade the U.S. has now deregulated natural gas. In a story in Fertilizer Progress, The Andersons Sid Muse said imports will continue to put downward pressure on U.S. fertilizer prices. He added deregulation will cause an initial price increase in fertilizer, then overproduction will lower prices within two to three years.

No one has put a figure on the initial increase to be caused by deregulation, but a ChemLawn spokesman used the term "drastic." Higher fertilizer prices will force lawn care companies, sod producers, and nurserymen to raise prices. They will also encourage development of nitrification inhibitors.

Fungigation of greens promising

Where there are greens there is disease. Dr. Phil Larsen, turf pathologist at Ohio State University, thinks he has a better idea to prevent disease damage of golf greens. He has coined the term fungigation for his system under testing at OSU and on an Ohio state park golf course.

The process entails injecting fungicides into the irrigation system at each green. "It's impractical to inject fungicides at the pump letting water push them all over the course," said Larsen as he wrapped up his last field day before moving to the University of Minnesota in 1985. "This way you use only the fungicides you need where you need them. When perfected, the superintendent will be able to quickly attach a container of fungicide to an injector at the side of the green and let the program run as normal."

Pumping iron gets results

More and more lawn care companies are including iron in their program to boost the color impact of their service to customers. Soil tests might show adequate iron but soil pH and other elements can make it unavailable. Adding the iron to the program gives a dramatic dark green color to the turf and nets positive results from customers.
The surest way to cut mowing costs is to make sure no one cuts corners at the factory.

These features all add up to a better cut and lower costs:

- Differential lock helps prevent wheel spinning.
- Mowing deck raises 8 inches to mount high curbs.
- "Floating deck" helps cut contours without scalping.
- Wide cutting path takes on the big jobs.
- Maneuverability to reach tight cutting areas.
- Lower deck clearance to cut under fences.
- Control panel that's easy to reach while riding.
- Hydrostatic power steering for fingertip control.
- Pop-up hood for easy access and maintenance.
- Clean air intake system to keep engine running cool.
- Welded steel frame for extra durability.

"Floating deck" helps cut contours without scalping.
John Deere Presents

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All the newest ideas in commercial mowing... backed by one of the oldest traditions in engineering.

The F930 and F910 Front Mowers. Two of the surest ways to get better mowing productivity while you save time and money. Built with all the newest ideas, these front mowers maneuver under shrubbery and fence rails, climb over curbs, cut up, down and around hills, handle dips and bumps, and mow down the flatout straightaway.

And with John Deere's tremendous reputation for dealer service and durability, your front mower will continue to cut in all those places for years to come.

Hydrostatic power steering eliminates troublesome mechanical linkage and makes tight turns easy — getting you in and out in a hurry.

Dual hydraulic lift cylinders allow the mowing deck to tilt and float up to 12 inches over rough terrain to avoid turf gouging or scalping.

The mowing deck raises 8 inches to clear most curbs without the need for a ramp or driveway.
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