

# THE FORD DIFFERENCE

MORE TRANSMISSIONS  
AND PTO CHOICES  
THAN ANYBODY ELSE  
IN THE BUSINESS.



You're going to see a lot of Ford differences in '72.

One of the most important is right up above: the transmission. We offer you more of them than anybody else. And more PTO options, too.

We offer you more ways to shift for a good reason. Because you call on a Ford

tractor to do all kinds of different jobs. From light duty mowing with a Ford LCG to heavy earth moving with the big Ford 5550!

Your choices include 6-speed, 8-speed, manual-reversing 6x4, power-reversing 4- or 6-speed with torque-converter and 10-speed power shift.

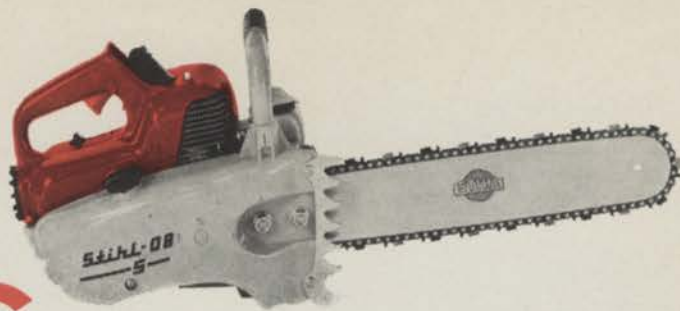
More transmissions and PTO options than anybody else in the tractor business. A Ford difference that means best choice for you. Isn't that worth talking to your nearest Ford tractor dealer about?

NUMBER ONE ON WHEELS  
FORD TRACTOR

Your Ford industrial tractor and equipment dealer is listed in the Yellow Pages under "Tractors" or "Construction-Equipment." See him for information on how to buy, lease, rent or finance.



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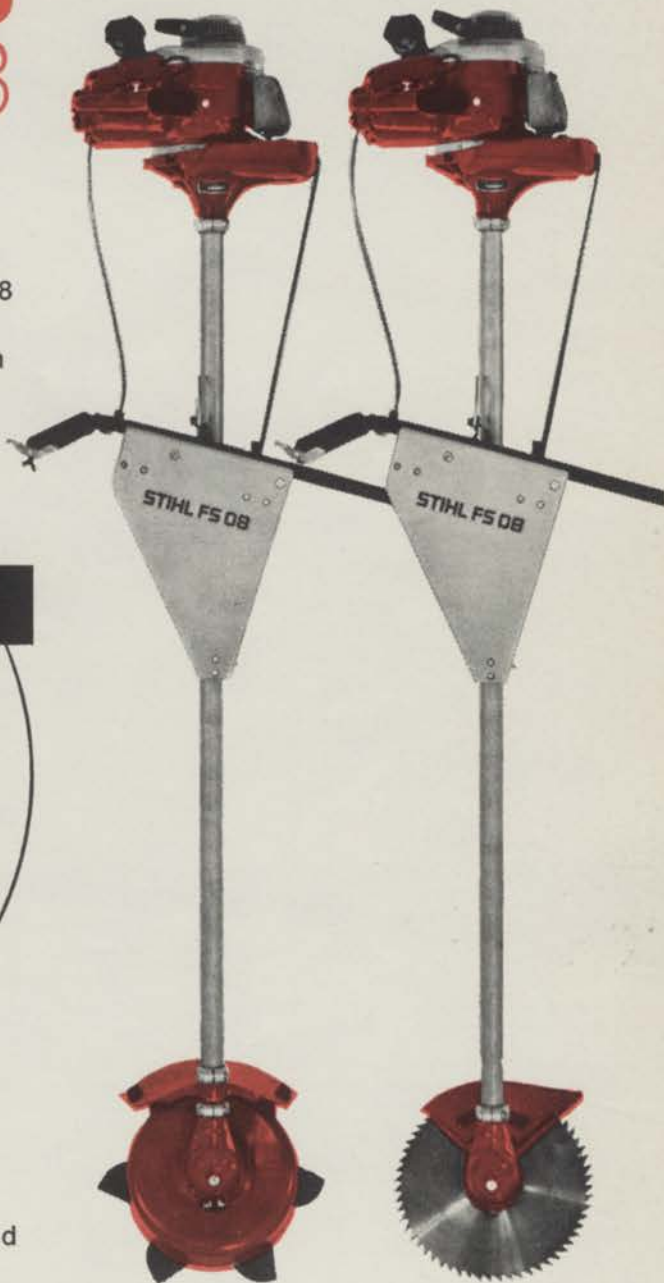
# STIHL 08 S

## STIHL FS 08

A perfect pair: The versatile STIHL 08S big power chain saw and the handy new, lightweight STIHL FS - 08 Brush Cutter. The same high performance engine powers them both. The FS - 08 Brush Cutter does a real professional job in tough weeds, stubborn shrubs and small trees when using either the blade with rotating knives or



circular saw. This brush cutter features STIHL's famous AV anti-vibration system that absorbs fatiguing engine vibrations. Lets you cut longer and easier with less effort.



Ask your rental friends or your nearest dealer about STIHL'S better performance, lower maintenance & down-time and proven earning capacity.



**STIHL American, Inc.**

194 Greenwood Avenue,  
Midland Park, N.J. 07432, Code 201-445-0890

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# TOTAL TURF CARE IS HERE!

## Get a full course of protection against weeds and disease.

**Dacthal®**  
 Start your Total Turf Care this year with Dacthal W-75 herbicide. Or use the convenient 5 percent granular form if you like.  
 Dacthal gets the jump on most annual grasses and broadleaf weeds. This preemergence herbicide prevents weeds as they germinate. Crabgrass and *Poa annua* don't have a chance. Yet, Dacthal is a truly selective herbicide that will not affect established grass. It's even safe for new grass when used according to label directions.  
 Just one application in early spring will control weeds for a full season. In the case of *Poa annua*, another application in late summer keeps this germinating pest out of sight. Don't worry about residue build-up either. Dacthal degrades in one season; it's not persistent in the soil.

**Dacamine®**  
 In those areas where broadleaf weeds are a problem, use Dacamine herbicide to sustain your Total Turf Care. Postemergent Dacamine kills dandelion, plantain, poison ivy and most other broadleaf weeds.

Dacamine is a special form of 2,4-D, non-volatile, yet very effective. It combines the weed-killing power of an ester with the safety of an amine. So Dacamine stays put—kills the weeds you spray it on but won't vaporize and damage valuable plants nearby.

Dacamine is an oil soluble concentrate. This allows it to penetrate waxy leaves and move all the way to the roots—killing the whole plant.

### Daconil 2787®

Total Turf Care includes broad-spectrum disease control. Daconil 2787 is the one fungicide that solves most disease problems. Why use a group of fungicides to do what Daconil 2787 can do by itself?

Use Daconil 2787 to prevent or cure: Brown Patch, Copper Spot, Dollar Spot, Leaf Spot, Melting Out, Pink Snow Mold (in Washington and

Oregon only) and more. Many leading golf courses use Daconil 2787 in their disease prevention program.

Daconil 2787 has performed well on over 25 grass species and varieties. Excellent turf tolerance allows you to use it even in hot, humid weather.

Just mix Daconil 2787 with water and spray. You don't need a surfactant. It's compatible with many commonly-used pesticides. Follow label directions for exact usage.

### Daconate®

Round out your Total Turf Care with Daconate postemergence herbicide. Get those escape weeds that slipped by your premerge. Daconate will effectively control crabgrass, chickweed, wood sorrel and other hard-to-kill weeds. It's economical, too.

Daconate is a ready-to-use arsonate liquid, pre-mixed with the right amount of surfactant for maximum coverage and control. Since it is an organic arsenic compound, it does not have the more toxic properties of inorganic arsenic compounds, such as calcium or lead arsenate. For best results, spray Daconate during warm weather when weeds are actively growing.

**FREE!**  
 Get this Total Turf Care dial to help you solve many turf problems. Just a twist of the wrist helps you identify a problem and select a treatment. Send the coupon today for your Total Turf Care dial. Always remember to follow the label directions when using any chemical.



### Be Diamond Sure!

Agricultural Chemicals Division  
 Diamond Shamrock Chemical Company  
 300 Union Commerce Building  
 Cleveland, Ohio 44115

Gentlemen: Please send me \_\_\_\_\_  
 Total Turf Care dials.

Name \_\_\_\_\_

Position \_\_\_\_\_

Street or PO Box \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_



**Diamond Shamrock Chemical Company**

A UNIT OF DIAMOND SHAMROCK CORPORATION



# WEEDS TREES and TURF®

Volume 11, No. 9 September, 1972

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## The Cover

September is a good time to see results of earlier herbicide applications. It's also a time to plan next year's weed control program. Many applicators find that fall applications of chemicals reduce the unsightly brownout. Our cover shows the results of bare ground applications, selective weed control, utility rights-of-way herbicide applications and the familiar mixing scene.

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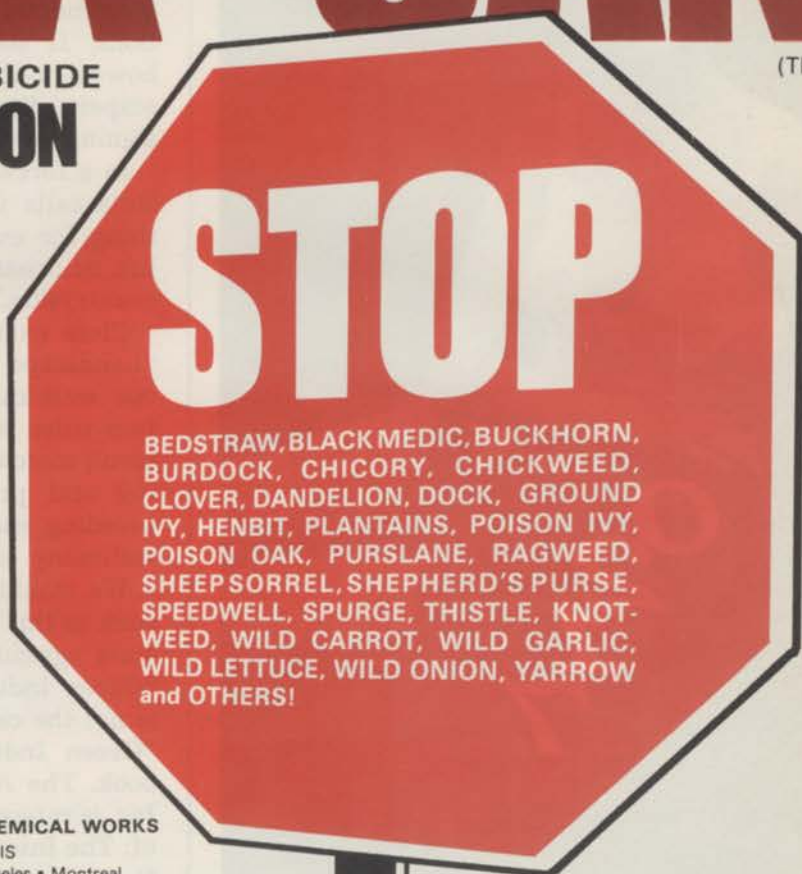
**STOP NEXT YEAR'S WEED CROP NOW...WITH**

# TREX-SAN

## BRAND BROADLEAF HERBICIDE FALL APPLICATION

(TM)

One application of TREX-SAN<sup>(TM)</sup> *now* will help prevent your established weed crop from reappearing next spring. Some broadleaf weeds may germinate and develop *after* the normal *spring* TREX-SAN application. Your *FALL* treatment will kill these off . . . destroy weed competition . . . give grass a chance . . . and remove the source of a lot of next spring's weed crop. TREX-SAN is a unique combination of 2,4-D, MCPP and DICAMBA whose synergism provides the safest most effective mixture known for the control of more than 35 broadleaf weeds, while maximizing chemical safety to turf and ornamental plantings. This three-way combination requires only a spring and fall application for complete weed control. Cost-in-use is less than for most other broad-spectrum herbicides, when product and labor savings are considered. Order from your Mallinckrodt distributor today!

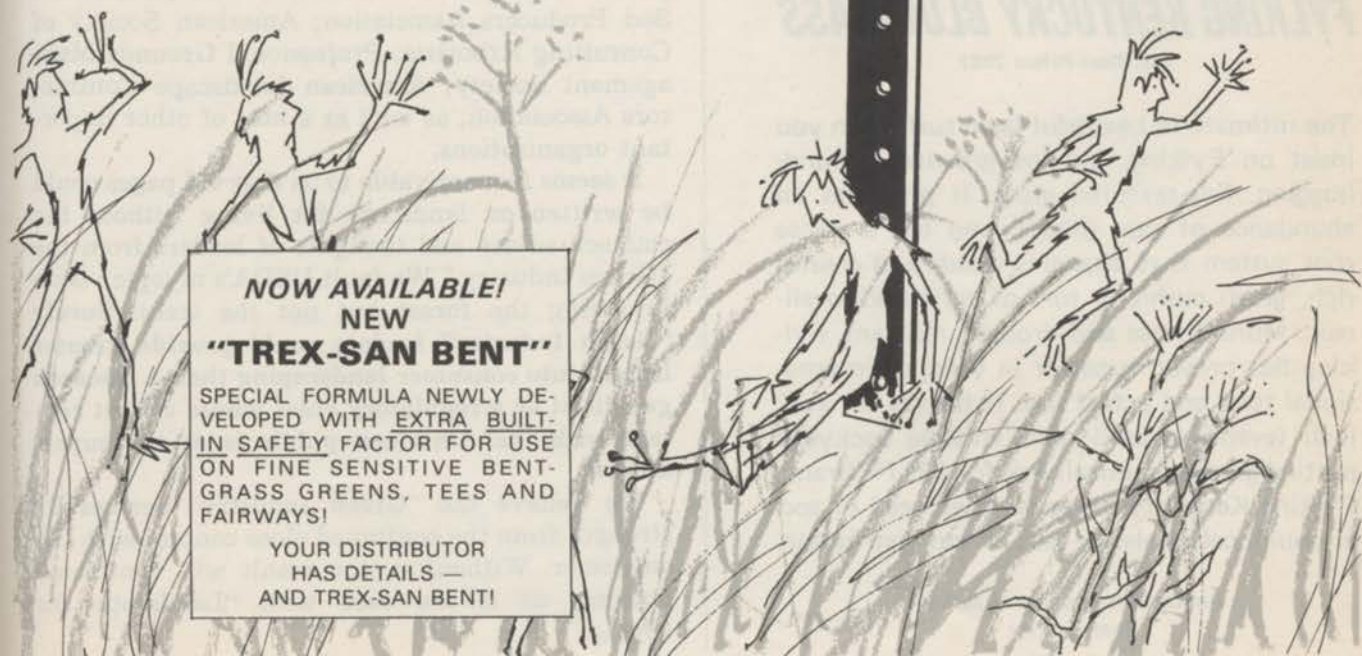


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**NOW AVAILABLE!  
NEW  
"TREX-SAN BENT"**

SPECIAL FORMULA NEWLY DEVELOPED WITH EXTRA BUILT-IN SAFETY FACTOR FOR USE ON FINE SENSITIVE BENTGRASS GREENS, TEES AND FAIRWAYS!

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All Yours



## FYLKING KENTUCKY BLUEGRASS

U.S. Plant Patent 2887

The ultimate in beautiful lawn turf when you insist on Fylking, the low-growing, ground-hugging, fine-textured grass. It produces an abundance of side shoots, and has a dense root system that strangles weeds and creates rich, green cushiony turf of unrivalled loveliness. More disease and drought resistant, Fylking has proven superior in years of international tests and actual use. It thrives cut at  $\frac{3}{4}$  inch (even low as  $\frac{1}{2}$  inch) making backyard putting greens practical. Ask for 0217® Brand Fylking Kentucky bluegrass lawn seed or sod at your local wholesale seed or sod distributor.

Another fine product of Jacklin  
Seed Co., Inc.

## Editorial

## The Team Struck Out

It would be a good idea to secure a copy of House Document No. 229. This is the annual Yearbook of Agriculture, a printed record of agricultural progress published by the U. S. Department of Agriculture. Ours came courtesy of a Congressman, who had a limited number of copies.

This year's book is "Landscape for Living," an appropriate title for a country concerned with environmental problems and ecological imperfections. It includes background information and how-to-do-it advice to home gardeners and landscapers, discusses land planning, tree care, redesigning downtown shopping areas, and new towns.

In a foreword, Secretary of Agriculture Earl L. Butz calls the volume "a handbook with something for everyone on improving the quality of life in urban and suburban America, and in the countryside."

Close examination of the Yearbook shows that "Landscape for Living" is but a coined phrase for our well-known "Green Industry." Chapter section titles such as: plants in the living environment, matching plants to the environment, selecting and protecting plants, and searching for, breeding and propagating new plants are printed testimony of the "Green Industry" in action.

We would expect that a well-documented book such as this to reflect the thoughts of Federal and state agricultural leaders as well as those of the "Green Industry." But, with one exception, this is not the case. Only one organization of the true "Green Industry" is mentioned throughout the book. The American Association of Nurserymen, Inc. is referred to three times. No mention is made of: The International Shade Tree Conference, Inc.; National Arborist Association; Golf Course Superintendents Association of America; American Sod Producers Association; American Society of Consulting Arborists; Professional Grounds Management Society; American Landscape Contractors Association; as well as a host of other important organizations.

It seems inconceivable to us that 416 pages could be written on landscape for living without the counsel, advice and thoughts of leaders from the "Green Industry." We fault USDA's myopic vision in seeing the forest but not the trees. Surely "Green Industry" leaders could provide greater insight into consumer landscaping than a research geneticist or a regulatory chief whose closest contact with the American public is at the supermarket.

We believe the "Green Industry" derives its strength from the continued close contact with the consumer. Without it, the result will contribute nothing, as is the case with "Landscape for Living."





## The Hahn Tournament Triplex outperforms any other greensmower!

Our great Tournament Triplex greensmower is now even better than ever. So good, in fact, we ask you to compare its performance and exclusive features in a side-by-side demonstration with any other greensmower on the market today. We're confident it's the most versatile unit you can buy, and guarantee it will cut equal to, or *better* than any other. Even on the finest bent greens of professional design!

We call it the world's finest greens management system. The basic 12-hp Tournament Triplex vehicle, with hydrostatic drive, powers four separate turf maintenance operations: *greensmowing*, *utility mowing*, *Verti-Cut® de-thatching* and *spiking*. Changeover takes less than a minute—simply pull a pin and disconnect quick-couple drive cable.

Outstanding features put the Tournament even further ahead. Like variable speed cable drive—lets

you operate accessories completely independent of ground speed. Individual reel lifts let you cut with one, two or all three reels down at the same time—greatly reduces perimeter tracking. And individual "pre-sets" regulate precise cutting height of each reel—permit you to mow edge of green and collar at the same time.

Compare the investment in a Tournament with the equipment it replaces. You'll discover projected savings no club can ignore.

We guarantee a superb cut with the Tournament Triplex...every time. Want proof? Ask your Hahn Turf Products distributor for a demonstration on your *toughest* green. Or contact Hahn, Inc., Turf Products Division, 1625 N. Garvin, Evansville, Indiana 47717. Manufacturers of Hahn-West Point and exclusive U.S. distributors of Hahn-Ransomes.

# Hahn

Hahn, Inc., Turf Products Division

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## Government News / Business

The Toro Company has acquired Game Time, Inc., the largest firm in the outdoor institutional playground equipment field, for Toro stock. Total shares exchanged are not to exceed 369,000. In August, Toro announced sales in excess of \$88 million for the fiscal year ending July 31. David T. McLaughlin, Toro president, has also announced that the company will withdraw from the landscape contracting business. The year old venture has proved to be too labor intensive.

The American Association of Nurserymen has petitioned EPA for the reinstatement of dieldrin for quarantine purposes to control hazardous soil insects. AAN listed nine reasons why dieldrin should be permitted in quarantine use, including "Alternatives to dieldrin applied to the soil to control quarantine insects in the larva stage are pesticides to control the adult insect. These require very precise, timed repeat foliar applications, thereby reducing the potential for success as well as exposing man and the environment to extreme long-range hazards."

A \$4.2 million government contract covering 200 4 wheel-drive articulated loaders for the U.S. Army has been awarded the J.I. Case Company. This is the second contract for Case. In 1971, 241 loader units were supplied to the Army. Other defense contracts awarded the company include one for 283 towing tractors for the Air Force and 231 crawler tractors for the Marine Corps.

EPA's pesticides enforcement division working in conjunction with the agency's regional offices has developed a "get tough" attitude with pesticide manufacturers. In a recent aggressive enforcement drive, EPA charged six firms with criminal violations of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). One Ohio manufacturer was charged with 21 violations and, if convicted on all counts, could be fined a total of \$13,500. The maximum fines for conviction on first violations are \$1,000 for non-registration of a product with the Federal government and up to \$500 for misbranding, adulteration, ineffectiveness and similar violations of the law. The six firms are: ArChem Corporation of Portsmouth, Ohio; Kem Manufacturing Company of Tucker, Georgia; Plantation Garden Company of San Antonio, Texas; Green Light Company of San Antonio, Texas; Bicknell, Inc. of Framingham, Massachusetts; and, Quality Plus Products Company, Inc. of Fort Dodge, Iowa.

Plant-parasitic nematodes must be considered as significant growth-limiting factors in turf and lawn management in cooler climates as well as in warmer regions, according to Dr. Julius Feldmesser and Dr. A. Morgan Golden, Agricultural Research Service nematologists. Analysis of soil and root samples have shown heavy infestations of a combination of nematodes. Experimental nematicides have been used with success. Conclusions of these scientists are that applications of effective nematicides may be worthwhile in areas where high nematode populations occur, and that the results underline the importance of safe, long-lasting, chemical control for turfgrass areas.