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### TRIMEC TURF HERBICIDES ARE ECOLOGICALLY SOUND!

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### TRIMEC TURF HERBICIDES ARE ECONOMICAL!

Trimec Turf Herbicides will control more weed species per dollar. Controls even tough, hard-to-kill weeds. Trimec Turf Herbicides mix readily in all kinds of water, are easy to use, effective and economical.

for further information contact:



**-GORDON CORPORATION**

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Phone: 913/342-8780



# WEEDS TREES and TURF

Volume 12, No. 9 September, 1973

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## "Serving The Green Industry"

### Sharpen To Prune ..... 14

Pruning saws must be kept sharp in this business. Here's a step-by-step article on how to sharpen your saws. Robert A. Fanno, Fanno Saw Works, Chico, Calif. is the author.

### We Could Have Looked The Other Way ..... 16

When water hyacinths and other aquatic weeds invaded the placid waters of Lake Corpus Christi, area residents lost much of the use of the water. Fishery biologist L. V. Guerra describes what was done to rid the area of its weed problems.

### Systemic Fungicides — Powerful Tool In Disease Control ..... 18

If you have trouble knowing when and where to use the new systemic fungicides, read this article. Dr. Paul Sartoretto, technical director, W. A. Cleary Corporation, shows turfgrass managers how to get the most out of "systemics."

### Budgets Up Weeds Out In Idaho ..... 22

Canyon county, Idaho, is one of the top producing counties in the nation for crop seed. Weed control along highways is important. Fields adjacent to roads could easily be recipients of unwanted weed seeds. County maintenance men and weed specialists have kept constant vigil to control weeds.

### Gold Mine In Disguise ..... 24

If you have a problem with leaves that no one wants, consider the solution several communities have tried. They've turned the leaves into valuable compost with the aid of special enzymes.

### Chemical Governor For Nature's Time Clock ..... 26

Growth retardants and growth regulators can add a new tool in management for the turfgrass manager, arborist, or other groundskeeper. Read how they work on plants and what some organizations are doing to regulate plant growth.

### Home Lawn Care Boom In Chicago ..... 28

Lewis E. Coleman has built Automated Lawn-Builders, Inc. into a thriving lawn service business. This year he contracted for about 14 million square feet of lawn care.

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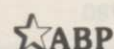
"Unwanted tree stumps can be a safety hazard and a nuisance. Our cover shows Martin Cooper of E. D. Boteller, West Friendship, Md. operating a stump cutter in the grassy area of a private school in the Washington D. C. area. Stump removers such as this can be a handy addition to an arborist's growing line of services.

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Modern managers in the Green Industry are highly capable of managing those in their employ who advance on the ladder of success one rung at a time. The natural inclination toward personnel bureaucratic expansion in growing businesses plus the speed of the computer has enabled employers to chart the career advancement path of employees with a high rate of accuracy.

But the lack of latitude and imagination in this system of management can cause managers to lose top employees because they don't fit into the square hole. These employees can best be described as those in a great hurry to get to the top. Nearly all of us have known one of these individuals. They are dedicated men who accept duties with ease, accomplish the job and more in minimum time, adjust readily to increased responsibilities, work long hours without complaint and are highly business and job oriented.

Coping with the management problems of this type individual can present the greatest challenge faced by employers. A man who wants to move hard and fast is often disillusioned by management's lack of response in compensation. He enjoys the hard work, thrives on accomplishment and appreciates praise, but recognizes that com-

## Burned Up And Burned Out

pensation must be forthcoming in order to personally maximize profits. Too late he recognizes the inconsistency in the give-and-receive relationship of business and leaves the job burned up.

That's one problem faced by management. Another is the fact that while this man is moving hard and fast he may be on a path to self-destruction. He may literally burn himself out in the job, says a public relations executive of a large chemical firm. "He goes at such a pace that the routine of the job loses its challenge within a few years."

Author Eda J. LeShan in *The Wonderful Crisis of Middle Age* says that this is the most tragic of all cases. The "burned-out boy wonders" have the most difficult time adjusting to the pace of business in midcareer.

The situation confronting managers is finding the right management techniques that keep gifted employees from becoming "burned up" or "burned out."

How does the employer do this? We submit that managers need to critically examine each of these individuals and adopt a different set of criteria for their career development. Business track stars should not be forced to fit the square hole fashion.

*(continued on page 36)*



The Green PARK Rabbit symbolizes the fast start and seeding vigor for which PARK variety Kentucky bluegrass is famous. It is the registered trademark of the Northern Minnesota Bluegrass Growers Association ... the original producers of PARK.

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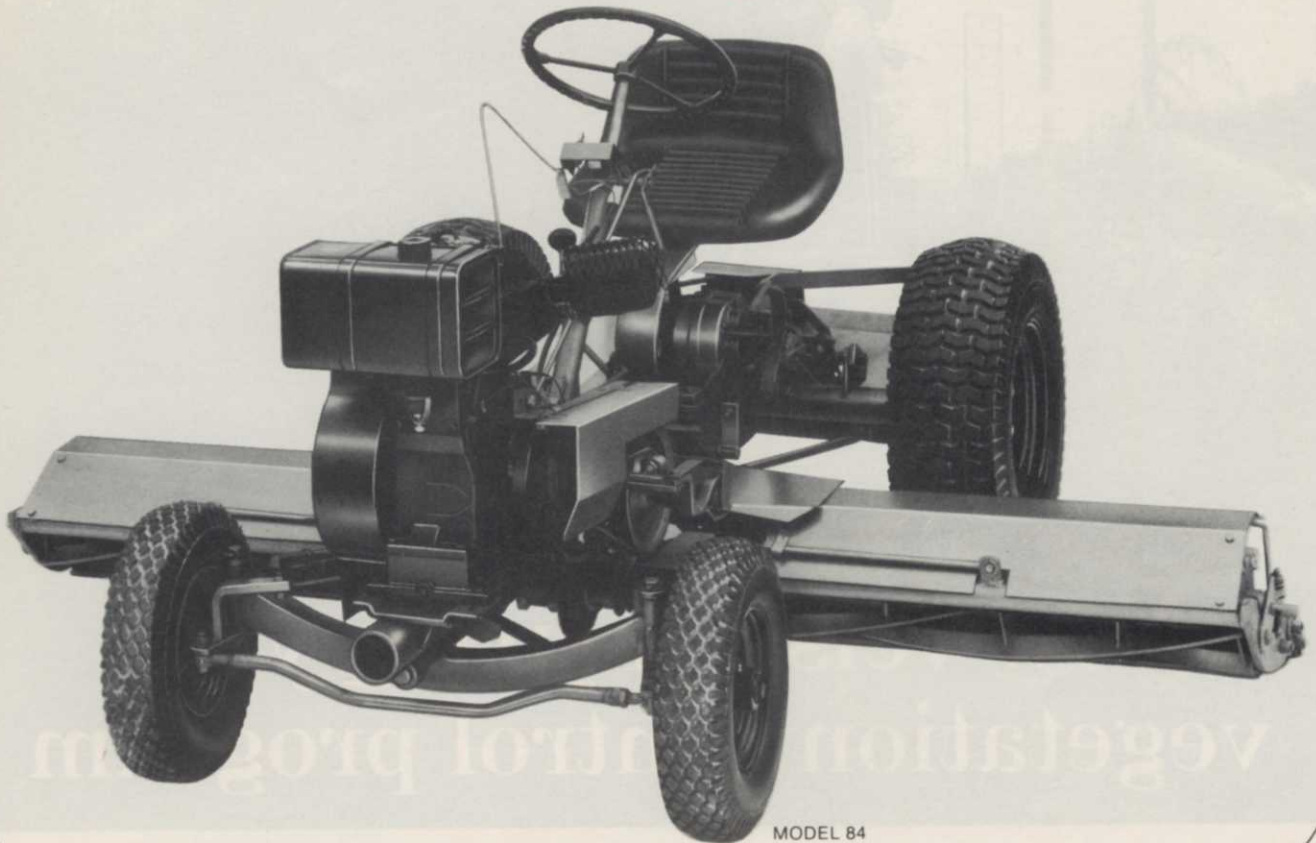
It was the Northern Minnesota Bluegrass Growers Association which first introduced PARK to the commercial market . . . and the association remains the primary supplier of certified PARK seed.

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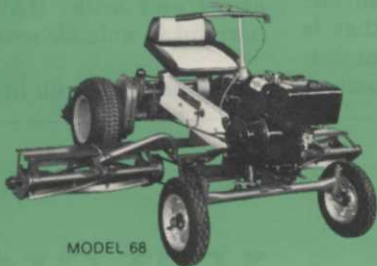
**Twin City Seed Company, 500 30th Avenue N.E., Minneapolis, Minn. 55418**

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# Now Velsicol spans your vegetation control program

## Nine New VEGATROL™ Labels Have Been Added to the Line of BANVEL® Herbicides

The new full line of VEGATROL 2,4-Ds and 2,4,5-Ts, together with the BANVEL line of herbicides, lets you eliminate *selectively* tough brush, vines and broadleaf weeds that other herbicides often miss.

With this choice, the herbicide can be matched to type of vegetation, season, location, soil type, topography, environment, and other considerations. See your Velsicol representative or herbicide applicator for details.

### Why Banvel is the 3 E's Herbicide

**EFFICACY**—BANVEL herbicide is systemic—it translocates throughout the entire plant killing leaves, stems and roots. Broad-spectrum BANVEL gets the hard-to-kill vegetation.

**ECONOMY**—Long-lasting BANVEL herbicide offers low cost. Often one application per season is all that is required for weed and vine control. Brush can be controlled for several

growing seasons, with a 3- to 5-year root kill.

**ECOLOGY**—BANVEL has relatively short persistence in the soil. It has established tolerances for many food crops and milk. BANVEL is not harmful to animals eating foliage.

For information, fill in blanks below.

I am interested in controlling \_\_\_\_\_ on \_\_\_\_\_  
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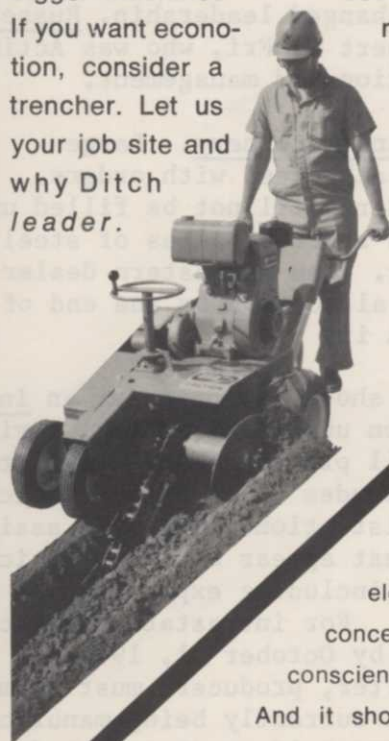
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# WHAT MAKES DITCH WITCH THE LEADER?

## PRODUCT

Economy and high production — that's what you get with a Ditch Witch handlebar model trencher. Two basic models are available: the C-Series with either a 7-HP or 9-HP engine and the M-Series which comes with either a 9-HP or 12½-HP engine. Both are fully self-propelled. C trenchers dig to depths of 2 feet, widths to 6 inches and produce trench at the lowest per-foot cost of anything in its class. The M digs to 5-foot depths, widths to 12 inches and has a three-speed transmission for mobling and trenching. The M can outdig bigger machines costing hundreds of dollars more.

If you want economy, consider a trencher. Let us show you your job site and why Ditch Witch is the leader.



my and dependable production. Ditch Witch handlebar trenchers demonstrate one on one. See for yourself. Ditch Witch is the

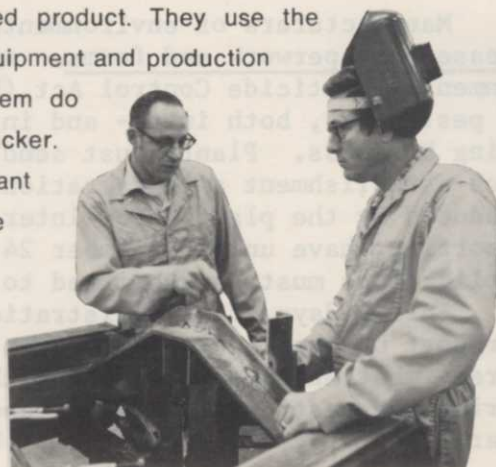
## PEOPLE

Ditch Witch factory workers are craftsmen who build a quality product in a large, modern plant designed strictly for the efficient production of trenching equipment. Starting with top-quality raw materials and components, Ditch Witch experts shape the parts and carefully assemble them into the finished product. They use the most up-to-date equipment and production

techniques to help them do their job better and quicker.

But there's another all-important element necessary. It's a genuine concern for doing their best — a conscientious attention to every detail.

And it shows in every Ditch Witch trencher. With people like these on the Ditch Witch team, it's not surprising that Ditch Witch is the leader.



## FOLLOW THE LEADER!



... offering a full line of trenching equipment from 7-HP to 65-HP.

CHARLES MACHINE WORKS, INC., P. O. Box 66, Perry, Oklahoma 73077

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## Government News / Business

Forecasts indicate that fuel oil will be in tight supply this fall. Already there are spots in the country where supplies are low to critically low. The northeast and parts of the midwest (Wisc., Mich., Ia.) have the greatest danger of running out. This means applicators using No. 2 diesel oil for dormant cane sprays may find supplies run out before the season does. Test work by Velsicol indicates a way to circumvent the problem. According to Chuck Middleton, a modified low oil basal treatment can reduce the amount of dormant oil by 80 percent and still give satisfactory results. He says to use Accutrol nozzles, diesel fuel and Banvel. You spray two-thirds of the main stem and leaves. Advantages: 1. Greater penetration in the stem area; 2. Air emulsion of Accutrol causes spray to look white, thus acting as a marker; 3. There's a 3:1 expansion factor in using this setup. Tank mix goes farther. You can reduce the amount of oil used by 80 percent with the substitution of Banvel in the tank, Middleton says.

The Environmental Protection Agency has Officially changed leadership. Russell E. Train becomes Administrator for the agency, replacing Robert W. Fri, who was Acting Administrator. His background is heavy in law, conservation and management.

Don't count on getting early delivery on equipment and machinery. Large manufacturers of farm equipment and other machinery are backlogged with orders. Some reports from manufacturers indicate that current orders will not be filled until well into next year. Problems in manufacture include short supplies of steel, parts, competing with expanded foreign markets, and labor. One midwestern dealer commented that he had already sold next year's equipment allocation by the end of July, 1973. Everything in his shop had someone's name on it.

Manufacturers of environmental protection chemicals should prepare for an increase in paperwork and forms. An EPA proposed regulation under the Federal Environmental Pesticide Control Act (FEPCA) would identify all producers and formulators of pesticides, both inter- and intrastate. This also includes those in the repackaging business. Plants must send in application for registration. EPA will assign each establishment a registration number. This number must appear on each pesticide produced by the plant. For interstate commerce, plants, including exporting and importing, have until December 24 to submit applications. For intrastate commerce, applications must be submitted to an EPA regional office by October 21, 1974.

Thirty days after registration, and annually thereafter, producers must submit a report on the types and amounts of pesticides which are currently being manufactured, what was produced during the past year, and what was sold or distributed during the past year. Those reports are due to EPA by March 1, 1974 for the coming year. In 1975, the reports will be due February 1.

Bay Pipe & Supply, Inc., Concord, California has been appointed a distributor for Weather-matic lawn and turf irrigation products, according to C. S. Putnam, sales manager for Weather-matic Division, Telsco Industries.

Sandoz-Wander, Inc. has acquired the crop aids department of International Minerals and Chemical Corp. Acquisition price was not disclosed. Included in the exchange are Thuricide, a Bt compound and Viron/H, a polyhedrosis virus insecticide used in cotton.