DU PONT CAN HELP YOU STOP WEED POLLUTION PROBLEMS!

• Slash maintenance costs • Cut fire hazards
• Reduce equipment losses • Improve plant appearance

Use of a chemical control program based on Du Pont weed and brush killers is a fast, effective and cost-saving way to eliminate unwanted weeds and brush... and the many problems they cause.

To help you solve these problems, Du Pont has developed recommended weed- and brush-control programs designed for your area. The base of these programs is, of course, time-proven and dependable Du Pont HYVAR® bromacil weed killers. They are available in wettable powder form as HYVAR X, in easy-to-use liquid form as HYVAR X-L and as dry pellets as HYVAR X-P. Du Pont approved products containing bromacil also may be used to provide excellent control.

Let us show you how HYVAR bromacil weed and brush killers can work into your vegetation control programs. Write today for printed recommendations of programs designed specifically for your geographic area. Get the facts now and put a stop to weed pollution.

Du Pont Company
Industrial and Biochemicals Dept.
Room N-22316-2
Wilmington, Delaware 19888

I need more information about Du Pont chemical control of weed pollution.

☐ Send literature and industrial weed control recommendations for my area
☐ Have Du Pont representative call

Name
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City/State Zip

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With any chemical, follow labeling instructions and warnings carefully.
How light and small should a chain saw be?
A professional logger would select his saw in relation to its power and performance. If the saw and engine are too small they quickly overheat and have neither the power nor durability to handle a lengthy cutting job. The new STIHL 030 AV Deluxe is a professional-type of lightweight chain saw. A real top-performance tool with more than twice the power of some saws, near its lightweight class... and with many real deluxe features. Like Stihl's exclusive AV anti-vibration system to absorb fatiguing vibrations from chain and engine... an extra-large muffler to quiet your saw and neighbors... automatic chain oiling with quantity control and many others. Try the new STIHL 030 AV Deluxe. The saw that is light enough to suit the occasional-user and powerful enough to satisfy the professional.

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The Cover

If the tractor driver were willing to risk getting hit by a golf ball, play could go on uninterrupted during the installation of an irrigation system — the way Jack Soderstrom does it. He puts in plastic pipe, down to 3 1/2 feet, without digging a trench. From a beginning hole, he works with a machine called a Saber Plow that slices the ground. At the bottom of the slit, not wide enough for a golf ball to fall into once following wheels squeeze it shut, the plow pulls in irrigation pipe. The operator on the cover is slicing around a green. More about this kind of irrigation installation is reported beginning on page 16.
SEVIN provides long-lasting insect control with a minimum number of applications. It works well in cool weather and in heat or bright sun. SEVIN controls 160 different insects, including major pests of lawns, trees, shrubs, flowers, fruits and vegetables. On food plants it can be used close to harvest.

long-lasting
SEVIN provides long-lasting insect control with a minimum number of applications. It works well in cool weather and in heat or bright sun. SEVIN controls 160 different insects, including major pests of lawns, trees, shrubs, flowers, fruits and vegetables. On food plants it can be used close to harvest.

insect control
SEVIN insecticide is ideal for use by the amateur as well as the expert gardener. You can recommend it widely. It pays to stock and sell SEVIN, the safer, better insecticide. Union Carbide Agricultural Products, P.O. Box 1906, Salinas, California 93901.
If beautiful, weedless turf is a status symbol...so is BANVEL.

It follows because Banvel is an elite product, a top quality product, an economical product (9¢/1000 sq. ft.). The product you can count on to do the important job of eliminating the commonest and toughest broadleaf weeds in a broad range of tolerant turf species.

Banvel 4-S, for instance. Developed specifically to kill “2,4-D tolerant” weeds like knotweed, chickweed, white clover, red sorrel, carpetweed, etc. The weeds that seem to survive other control methods...even rooting out by hand!

How does Banvel 4-S do it? Translocation. Banvel uses two avenues of attack; through the leaves and through the roots. By each avenue it then travels throughout the weed, no matter how deep-rooted, because it uses the weeds’ circulating fluid systems to move into every living cell.

Although Banvel also kills many of the same broadleafs as 2,4-D, there are some against which it is not as effective. Banvel + 2,4-D, a completely compatible and water soluble Velsicol combination, provides broad spectrum control of this long list of turf-destroying weeds:

Dandelion, plantains, curly dock, chickweeds (common mouse-ear and perennial or stitchwort), dog fennel, knotweed, sheep sorrel, clover, knawel, chicory, henbit, ragweed, pigweed, burdock, poison oak, poison ivy, ground ivy (creeping charlie), wild garlic, wild onion, English daisy, spurge, purslane, pepperweed, lawn burweed, hawkweed, spurry and carpetweed.
Soil insecticides come and go but Chlordane goes on forever. The reasons are clear-cut. Chlordane kills most common insect pests of turf; also many harmful or annoying insects that live on the surface: white grubs, Japanese beetle larvae, mole crickets, wireworms, ticks, chiggers, cutworms, ants, mosquitoes, sod webworms (lawn moths), earwigs and many others.

Although Chlordane has long-lasting action, it does not magnify biologically. Residues have seldom been detected in foods, water, fish, or wildlife. When detected, they have been insignificant.

Chlordane can be applied with standard equipment, in either liquid or dry form. Exact rates and directions for application appear on package labels.

**OTHER VELSICOL TURF CHEMICALS AVAILABLE:**

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
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<tbody>
<tr>
<td>Bandane®</td>
<td>pre-emergence crabgrass control, 15% granules.</td>
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<tr>
<td>2-1</td>
<td>liquid or dry fungicide.</td>
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<td>PMA 10</td>
<td>phenylmercuric acetate liquid fungicide.</td>
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<tr>
<td>Thiram 75</td>
<td>non-mercurial wettable powder fungicide.</td>
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<tr>
<td>Thiram-PMA</td>
<td>broad-spectrum wettable powder fungicide combinat</td>
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Meet a sharp new redhead from Oregon

This sharp redhead is new Oregon Micro Chisel saw chain. It's bound to become the new favorite of the man who wants top performance from his chain saw. Oregon's exclusive red coating protects this chain's factory sharpness against shipping damage. The first cut you make removes the protective coating.

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WHAT A WEALTH of information was wasted at the barrage of conferences in recent months! We say it was wasted because you weren’t there. Like money, information has to be used to really be worth something.

Since you support this magazine, however, we felt obligated to warn you that your competition has a keen edge on you—the competition that was represented at the meetings.

At one conference, a fellow thumbed this magazine and told his listener: “You hardly need to go to these meetings; you can read it all in here.” Well, we appreciate the compliment, but have to confess that we just aren’t physically capable of telling it all.

One company described a new growth regulator that should be on the market by 1973. It would be premature for us to talk about it in print, but you could have witnessed how good it looks two years before you could buy it. One poolside conversation overheard was about one man and one truck getting $60,000 of tree spray business in one year. And he was working in a northern state with a short growing season. Most conferences include a session on pesticide regulation that’s pertinent to the region. There is new equipment galore—and nothing’s better than “getting the feel of it” in a relaxed atmosphere. Latest research is always a part of these conferences. We report what we believe is significant. However, we can’t always hit upon what’s significant to each of you.

Couldn’t afford to go? Could you afford not to go?

We believe it is vital for a trade magazine to be present at as many conferences as we can. How else could we keep attuned to the industry? True, we rarely see other magazines there. But then, we feel we, too, have an edge on the competition.

Guest speaker Don Santy, addressing the Pacific Northwest Pesticide Applicators, offered some of the reasons for joining an organization that holds periodic conferences. Among them: To establish a professional image (a speaker at another conference said the way to raise the level of your profession is to raise your level of knowledge); to establish friendships with peers; to learn something; for sheer enjoyment of a new adventure; to create anticipation of better things to come, through establishment of goals, and plans to reach them; to attain personal or business security through the collective strength an organization offers.

To be successful, Santy said, an organization must provide motivation, enthusiasm, membership growth, leadership and planning. Most of the meetings we’ve attended provide all these things. See what you’ve been missing. See the advantage your competition has on you.

TIME TO RENEW: Your Renewal Card Is Bound In Above

We need your okay to continue sending you WEEDS TREES and TURF magazine on a free basis. In fact, we must have it.

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As you know, subscriptions are free to bona-fide members of the industry. You qualify. But economics has again reared its head and we must stabilize our circle of readers. We shall maintain the magazine circulation at 33,000—the number which constitutes the basis for our advertising rate. No additional magazines will be sent except at the published rate of $10 per year in the U. S. and Canada.

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Art Edwards, Editorial Director

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ART EDWARDS
EDITORIAL DIRECTOR

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