

Applied by helicopter or PCB spreader, U.S. Borax herbicides help make weed killing pay off!

Here's how to solve your tough vegetation control problems:

Contract applicators, back up your conventional weed killers with the world's widest "choosing range" of granular herbicides—from U.S. Borax. These specialized products are designed to take care of your toughest jobs at the lowest cost. Name your problem...

ROUGH TERRAIN—There are many places where your spray rigs can't operate. But U.S. Borax granular weed killers (such as: UREABOR® 62, UREABOR® 8D and BOROCIL®) can go anywhere. They're ready to use—nothing to mix, no water to haul. Safe to handle, too. And with a light simple PCB spreader (developed by U.S. Borax), any man can weed-proof 10,000 square feet in just 10 minutes!

HARD-TO-KILL SPECIES—U.S. Borax products, MONOBOR-CHLORATE® Granular, MONOBOR-CHLORATE® Granular D and

BOROCIL® completely destroy the toughest grasses in one application—even Johnson grass! For tough broadleaved species, use TRITAC® D and BENZABOR®. All these products kill fast and prevent regrowth for at least a year—regardless of regional soil and weather conditions.

AQUATIC WEEDS—Sodium arsenite from U.S. Borax is the most effective and least expensive way to control submersed aquatic vegetation. Available in arsenic trioxide concentrations of 4, 6 and 8 lbs. per gallon.

LOW-COST, LONG-TERM WEED CONTROL — MAINTAIN® kills all unwanted vegetation completely—both top growth and roots—then stays in the soil for a year or longer to control seedlings. It even kills species resistant to triazine or substituted urea herbicides. And MAINTAIN is economical. You only use 1 to 6 gallons per acre.

CONTRACTOR'S WEED KILLER SELECTOR CHART

	PHYSICAL FORM			METHOD OF APPLICATION		TYPES OF VEGETATION						
	GRANULES SOLUTION		EMULSION	DRY	SPRAY	ANNUALS	PERENNIAL BROADLEAVED		PERENNIAL GRASSES		AQUATIC	
Product							DEEP ROOTED	WOODY VINES	BRUSH	DEEP ROOTED	SHALLOW ROOTED	
Nonselective											Ser 1	
UREABOR 62	X			X		X			X		X	
UREABOR 8D	X			X		X					X	
MCG	X			X	X	X	X			X	X	
MCG-D	X			X	X	X	X			X	X	
BOROCIL	X			X		X				X	X	
MAINTAIN	96-		X		X	X	X	X	X		X	
SODIUM ARSENITE		X			X	X	X	Х	X	X	X	X
Semiselective												
TRITAC D			X		X	X	X	X	X			
BENZABOR	X			X		X	X	X	X		Ha H	

The chart above is a partial list of U.S. Borax herbicides and their applications. For more information or for technical assistance, contact U.S. Borax at: 50 Rockefeller Plaza, New York, N.Y. 10020; 3075 Wilshire Blvd., Los Angeles, Calif. 90005; 1700 E. Sherwin Ave., Des Plaines, III. 60018; 1720 Peachtree Rd. N.W., Atlanta, Ga. 30309; 79 S.E. Taylor St., Portland, Ore. 97214; or 3915 Lemmon Ave., Dallas, Tex. 75319.

GO WHERE YOU GET CHOOSING RANGE



and get all these SAFETY BENEFITS FREE!

The problem of insecticide residues...

has continued to perplex property owners and commercial operators who control insect pests of turf and plants. *Now many of these worries vanish* for those who use the modern, proved SEVIN® carbaryl insecticide to control any of 160 insect pests that attack turf and other ornamental and crop plants.

Safer to handle...

than many other insecticides, SEVIN is lower in toxicity to humans, livestock and wildlife, including fish and fowl. You need no special protective clothing when you apply SEVIN. Just use normal precautions. You can spray or dust crops adjacent to pastures, fish ponds or streams.

Residues in the soil...

are another hazard you eliminate by using SEVIN insecticide. Long-lasting as a crop protector, SEVIN breaks down quickly in the soil. There is no residue buildup to be picked up by garden fruits or vegetables, or to seep into streams or ponds.

Residue on food...

or feed crops is no problem when label directions are followed. SEVIN is a long-lasting insect destroyer that controls these pests with relatively few applications per season. Though still effective against insects at harvest time, the residue of SEVIN insecticide is not a problem to humans or livestock that eat the crops.

Drift to pastures or feed crops...

does not contaminate the milk, meat or eggs of animals eating the feed or forage, when SEVIN is the insecticide used. In fact, cattle can graze pastures, or forage can be harvested, on the day of application of SEVIN.

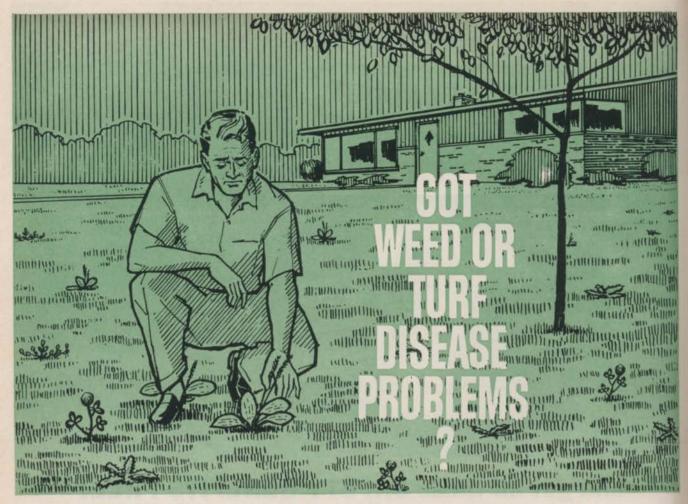
You can be a good neighbor...

and reduce hazards for everyone while you control insect pests with SEVIN. Ask your nearby supplier for the new list of recommended uses. Or write Union Carbide Agricultural Chemicals, 270 Park Avenue, New York, N.Y. 10017.

SEVIN is the registered trade mark of Union Carbide Corporation for carbaryl insecticide.



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Broad-spectrum weed control . . . safer on sensitive grasses. Including blue grasses, fescues, Bermuda and even bent grasses at fairway cutting height.

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Formulators Inquiries Invited



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June 1965 Volume 4, No. 6

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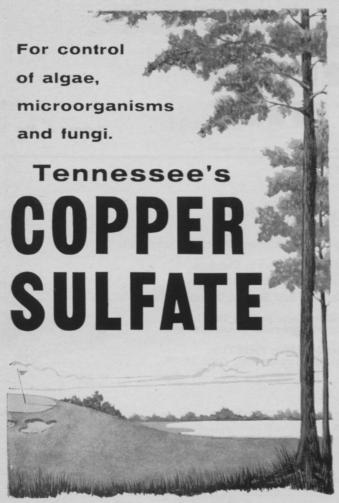
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The Seed Situation Today

While the cost of replacing faulty lawns and greens, and of turf maintenance in general, continues to rise, prices of lawn seed still wallow at inordinately low levels.

Unfortunately, the low cost of grass seed is in large degree a result of foreign imports and inconsequential tariff protection. It is impossible to harvest bluegrass seed profitably in Kentucky and north from Missouri into Canada, when imports are landed in New York at not much more than 20 cents a pound.

Essential quality of this imported seed is not necessarily to be impugned. However, as far south as Kentucky it has not proved very durable in USDA comparison tests. It seems logical that domestic seed is better adapted to domestic conditions, since, for example, bluegrass that has survived in a certain region has the wherewithal to withstand local conditions.

There have been reports of weed inclusion in imported seed. Recently New York State declared annual bluegrass a "noxious weed"; this plant is almost invariably a component of imported seed, but is rarely found in natural bluegrass from our own Midwest.

There is no question that there would be national advantages if the industry did not have to fight importations so strongly. Under the present circumstances, not only is domestic production being partially obliterated, but prices are held unduly low so that future research and development are minimized because low profits forbid such luxuries.

What can we do?

Contract lawn maintenance firms can recommend varieties which are best suited for the areas in which they operate; these will more than likely be domestically produced varieties suited to the local climate. Turfgrass managers in other pursuits, such as golf course superintendents and highway supervisors, should consider the value of U.S.-produced, specially adapted, quality-controlled seed to induce healthy stands of grass with fewer weeds and less chance of loss.

And all of us as citizens would do well to comment to our congressmen that, under present regulations and conditions, the domestic lawn seed industry is not flourishing as it could and should.

WEEDS TREES AND TURF is the national monthly magazine of urban/industrial vegetation maintenance, including turf management, weed and brush control, and tree care. Readers include "contract applicators," arborists, nurserymen, and supervisory personnel with highway departments, railways, utilities, golf courses, and similar areas where vegetation must be enhanced or controlled. While the editors welcome contributions by qualified freelance writers, unsolicited manuscripts, unaccompanied by stamped, self-addressed envelopes, cannot be returned.

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Omission Is Regretted

It was with pleasure that I read the article about our New England Agricultural Chemicals Conference in *Weeds Trees and Turf*, February, 1965. We, of the executive committee, extend our sincere appreciation for the coverage.

There is one adverse comment that Oscar Wyman's (man on extreme right of picture, p. 34) title as cochairman was inadvertently omitted. He has been quite helpful in the conduct of past conferences, as a valued representative from industry, and we appreciate this and look for his continued support.

T. R. Flanagan

Extension Weed Specialist University of Vermont Burlington, Vt.

Weeds Trees and Turf is sorry for the omission of Mr. Wyman's title.—Ed.

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One gallon of new Stayz-Green concentrate makes 16 gallons of spray, covers 6400 square feet; five gallons of Stayz-Green makes 80 gallons of spray; covers 32,000 square feet.

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It's Sterox AA

Regarding the article "Surfactants: How They Increase Herbicide Action," which appeared in Weeds Trees and Turf, January, 1965, could you please advise me who is the manufacturer of ethoxylated nonylphenol surfactant which was referred to in the article?

Frank Lichtig

Gramaslindas, CIA Dorado, Puerto Rico

The ethoxylated nonylphenol surfactant referred to is sold by Monsanto Chemical Co., St. Louis, Mo., under the trade name, "Sterox AA."—Ed.

"Know Your Species" In Booklet Form?

We have been following your series on weed identification entitled "Know Your Species" with interest. It is excellent for quick reference and we are wondering if any plans have been made to supply this series in booklet form.

Ted C. Smith

West Point Products Corp. West Point, Pa.

It may be possible that a booklet of this type will be published in the future. However, this copyrighted series has quite a way to go before it is concluded.—Ed.

Coincidental Query

Do you know where I can get a good green dye for lawns? Any information you can give me would be greatly appreciated.

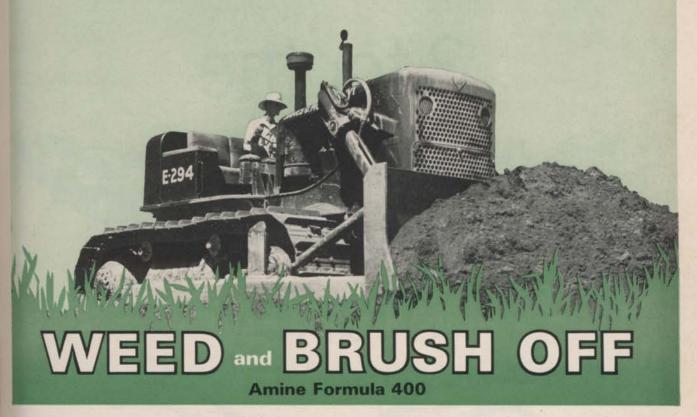
Virginia Barrett

Perma-Lawn Baltimore, Md.

The current issue of Weeds Trees and Turf magazine includes an article on turfgrass coloring compounds (see pg. 16) and concludes with a list of suppliers who offer products for this purpose.—Ed.

Weeds Trees and Turf welcomes expressions of opinions from its readers. Send ideas and comments briefly as possible to Charles D. Webb, Editor, Weeds Trees and Turf, 1900 Euclid Ave., Cleveland, Ohio 44115

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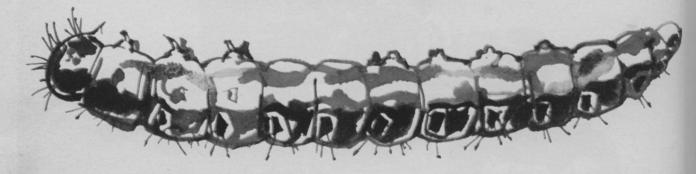


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