

# UNDERCOVER AGENT

## TURCAM<sup>®</sup> INSECTICIDE

For Use Only by Professional Applicators on  
Ornamental Trees, Shrubs and Turf

ACTIVE INGREDIENT:	Percent by Weight
Bendiocarb: (2,2-dimethyl-1,3-benzodioxol-4-ol methylcarbamate*)	76%
INERT INGREDIENTS:	24%
Total	100%

\*Protected by U.S. Patent No. 3,736,338

EPA REGISTRATION NO. 45639-59  
EPA EST. NO. 45639-MI-1

KEEP OUT OF REACH OF CHILDREN  
**WARNING**

**HARMFUL OR FATAL IF SWALLOWED**

**STATEMENT OF PRACTICAL TREATMENT**

If **swallowed** — Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to unconscious person. Get medical attention.

If **inhaled** — Remove patient to uncontaminated area. Keep patient strictly at rest and transfer to hospital immediately to get medical attention.

If **on skin** — Wash with soap and warm water.

If **in eyes** — Flush thoroughly with clean water.

**NOTICE TO PROFESSIONALS** — Contains a highly sensitive carbamate insecticide which is highly effective against a wide range of insects and mites. It is highly effective against white grubs, chinch bugs, sod webworms, mole crickets and other lawn and turf "terrorists".

An advanced carbamate insecticide that roots out and ruthlessly destroys white grubs, chinch bugs, sod webworms, mole crickets and other lawn and turf "terrorists". This tough operator doesn't get trapped in thatch, thus assuring positive grub control.

TURCAM<sup>®</sup> is odorless...works well in spray equipment...won't damage turf or ornamentals. You'll find that TURCAM packs a federally-approved nationwide label, too.

Powerful reasons for assigning TURCAM to your toughest pest control problems.

For more information on TURCAM, including full labeling and recommendations for use, contact your local distributor or write to:



**NOR-AM<sup>®</sup>**

NOR-AM CHEMICAL COMPANY

3509 Silverside Road, P.O. Box 7495  
Wilmington, DE 19803

\*Registered trademark of Schering AG West Germany

Circle No. 135 on Reader Inquiry Card





Lewis Mitchell cares for a flower bed in Jackson Square.

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**“We’re here to put in more than our eight-hours. We take a lot of pride in what we do.” — Bailey.**

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work. In fact, they seemed to attract more of them. Then we started spraying with Sevin which has slowed them down, but they’re still a nuisance. People have begun making their own traps. Japanese beetles effect more than 300 different species of trees and shrubs. There aren’t many things they don’t like.”

Mowing in most parks and around three electrical substations is contracted out.

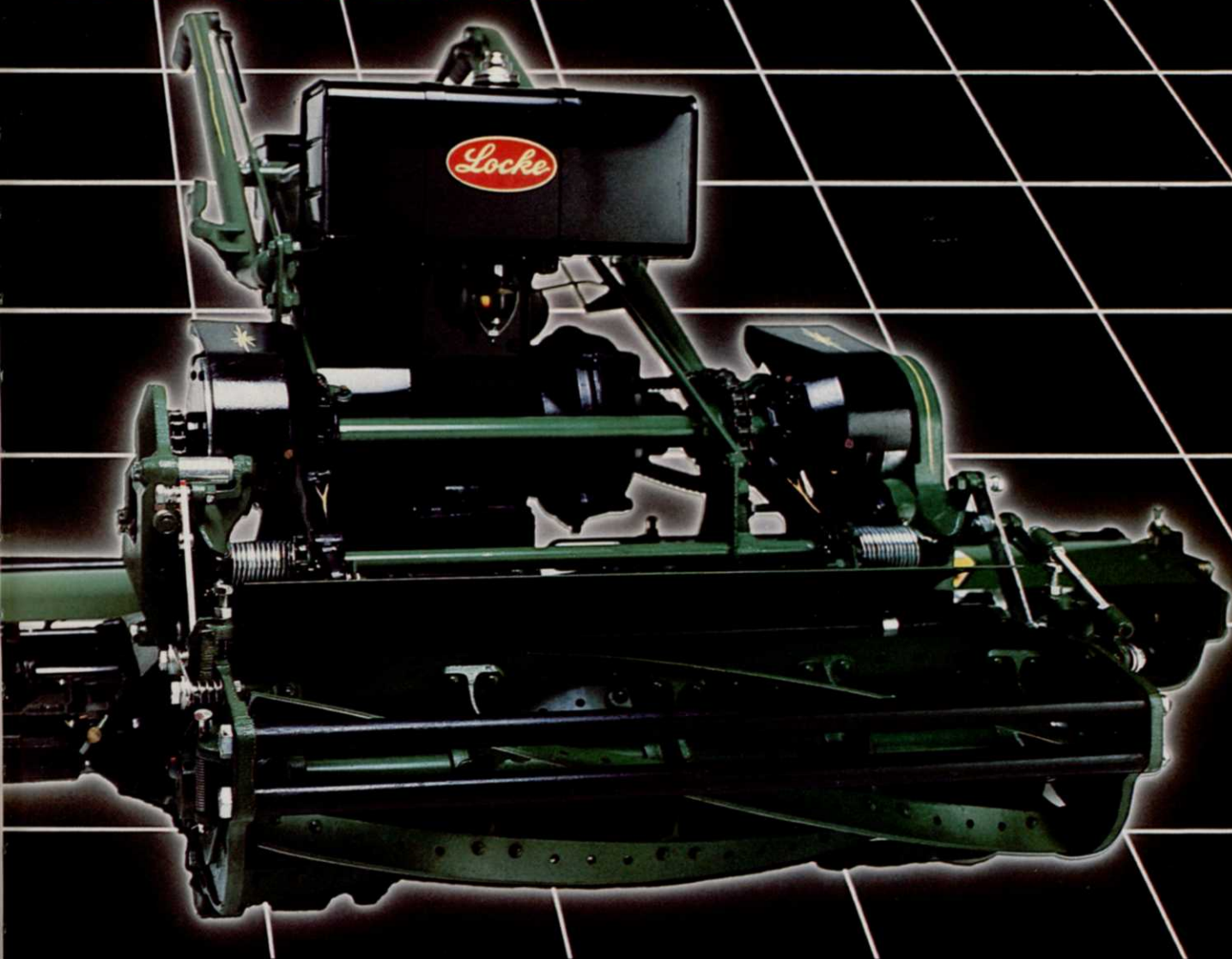
There is no irrigation on ballfields, but Bailey is in the process of developing an irrigation system for one of them.

**WT&T**



**Left to right:** Oak Ridge parks crew Lewis Mitchell, Ken Lemons, Larry Bailey, William Rhodey and Eugene Wells.

# THE ULTIMATE MOWING MACHINE



Driven by the conviction that performance is the ultimate justification for owning a mower, Locke makes the best mowers for lawn-care professionals who demand performance, quality, and value. In a time when some manufacturing standards are questionable, Locke has made no cost-cutting changes in the manufacture of its mowing machines since their introduction in 1928. From cast iron Briggs & Stratton engines to forged steel frames and spring-loaded reels, Locke mowers are built to endure.

Locke mowers deliver a cut the others have yet to match, a precision cut with each blade of grass

cut cleanly at a uniform height, unlike the ragged finish of a rotary. Cutting a wider path than a rotary, and with a ground speed equivalent to most rotaries, the Locke is almost fifty per cent more productive. And it goes on delivering this productivity over a life that is decades longer than that of a rotary. The choice becomes simple, either buy a rotary every few years, or invest once in a Locke.

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Professional Quality Reel Mowers

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By Dr. William Daniel and

Dr. Ray Freeborg

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This essential reference book covers:

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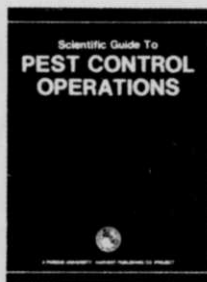
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 Dr. G.W. Bennett and  
 Dr. W.L. Butts



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WTT 44

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## ARLINGTON from page 59

tion building. He will also be gearing up for the cemetery's busiest day -- Memorial Day. Usually, the President makes an address from Arlington.

Dihle maintains a 1/2-acre nursery where various replacement shrubs are grown.

### Asking Congress for landscape money

Arlington National Cemetery, unlike most other national cemeteries, is under the Dept. of the Army, not the Veterans Administration. Because of this, cemetery superintendent Raymond J. Costanzo goes directly to Congress for funding.

"We've been very fortunate to have increased funding which is allowing us to improve our total maintenance program," said Dihle.

This year his budget breakdown includes (without salaries):

- \$150,000 — grounds maintenance supplies

- 40,000 — equipment
- 60,000 — tree maintenance (spraying and pruning)
- 40,000 — tree planting
- \$10-15,000 — other contractual work

Dihle holds a Bachelor of Science in Botany degree from the University of California at Davis. He has worked as a nurseryman in Sacramento before working with the Department of Agriculture as an ag inspector in Galveston, TX and Spokane, WA. He later worked in the D.C. area.

"I really missed ornamental horticulture, though, and when the job at Arlington became available, I was very eager for the opportunity to get back into it."

Besides issuing and writing all contract work, Dihle is technical advisor to the superintendent and acts as a consultant for all future landscape work to be done at Arlington. Eventually, the cemetery will be expanded to its full 612-acre potential. Dihle issues a weekly work agenda and meets daily with foremen. He also takes care of the Soldiers' Home and Airmen's National Cemetery, a 15-acre cemetery in Washington, D.C.

WT&T



**A new day in grass control for ornamentals.**

# FUSILADE<sup>TM</sup>

HERBICIDE

## **Postemergence grass control**

This is the beginning of the FUSILADE herbicide era for ornamentals. FUSILADE is now registered for postemergence control of both annual and perennial grasses in ornamentals.

## **Safe grass control**

FUSILADE controls grasses without damage to ornamentals. You can apply FUSILADE either over-the-top or as a directed spray. Follow label directions carefully for the correct method of application for specific ornamentals. Used as directed, FUSILADE controls nearly all grasses without danger of phytotoxicity to ornamentals, eliminating expensive hand labor to remove grassy weeds.


## **Complete grass control**

FUSILADE means complete grass control because it controls weeds systemically, even penetrating into roots, rhizomes and stolons. And FUSILADE can be used with more ornamental species than any other postemergence grass herbicide. It's a new day in complete grass control for ornamentals. For more information



on FUSILADE, call the ICI Americas Information Service toll-free, 1-800-441-7757, extension 3192. ICI Americas Inc., Wilmington, DE 19897.

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# CLASSIFIEDS

**RATES:** 95 cents per word (minimum charge, \$20). Bold face words or words in all capital letters charged at \$1.20 per word. Boxed or display ads charged at 1x—\$80.00, 3x—\$78.00, 6x—\$75.00, 12x—\$70.00 (one inch minimum). Agency commissions will be given only when camera-ready art is provided by agency. For ads using blind box number, add \$5 to total cost of ad. Send ad copy with payment to Dawn Anderson, WEEDS TREES & TURF, 1 East First Street, Duluth, MN 55802.

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TF

Nine Hole Golf Course on approx. 90 acres, beer bar, restaurant, good terms with low down payment. Lakes & Land Realty, Siren, Wis. 54872.

5/84

## FOR SALE

**LAWN SEED.** Wholesale. Full line of top quality grasses. Improved bluegrass varieties, fine fescues and fine bladed ryegrasses. We specialize in custom mixing. Olinger Seed Company, 2705 Wingate Avenue, Akron, OH 44314. Call collect (216) 753-2259.

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**GREENSMIX**—New or old const. Will blend material on job site for you, radius of 700 miles. Large Royer—S.D.I., P.O. Box 2611, Shawnee Mission, Kansas 66201. Phone (913)381-5151.

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For Sale: 1980 Brouwer 7 gang mower. Hydraulic lift, good condition, \$5,500.00. (914) 258-4131.

4/84

For Sale: Five R-7 Motorized Rotary Spreader, 4 tires, live front axle, all under 100 hrs. \$750.00 each - Turfgard Company, P.O. Box 618, Troy, OH 45373, 1-513-339-3835.

4/84

1977 ROSEMAN HYDRA-GANG 2486 hours mounted on 1530 Deere Diesel spare unit and parts complete \$10,500 or just mowing unit \$3,500. Call 319-233-7740.

4/84

**SATAKE 6" SHELLER** — Paddy Husker — New — Best offer. Contact Milberger Turf Farms Co., P.O. Box 229, Bay City, TX 77414. Call (409) 245-8175.

5/84

**LAWN CARE COMPUTER MANAGEMENT SYSTEM THAT WORKS!** No license fees. References. Documentation. Call for information. Linda Harrington. A B Dick Products Company. Sioux City, Iowa. 712-277-8945.

4/84

**REMO 1015 SIFTER** — w/Extra Set of Frames — New — Best Offer — Contact Milberger Turf Farms Co., Box 229, Bay City, TX 77414. Call (409) 245-8175.

5/84

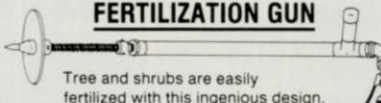
**MEYER Z-52 ZOYSIA** — Registered Stock for Sale — Contact Milberger Turf Farms Co., P.O. Box 229, Bay City, TX 77414. Call (409) 245-8175.

5/84

**HYDROSEEDERS - MULCH SPREADERS** — When looking for a good quality used Hydro-Seeder or Mulch Spreader at an affordable price, call Finn Corporation and ask about our factory reconditioned and demonstrator models. Toll free 800/543-7166. In Ohio 513/871-2529.

6/84

**FERTILIZATION GUN**



Tree and shrubs are easily fertilized with this ingenious design. Operates up to 500 PSI, output is four G.P.M. at end of 400 ft. hose (1/2 in.), at 250 PSI. Soil probe is high carbon 4130 tube steel, heat treated for strength and durability. Spring and rubber shield keep operator clean. For more pictures and information, write or call Dick Bare, Arbor-Nomics, Inc., 5634 N. Buford Highway, Suite A, Norcross, GA 30071 (404-447-6037).

Standard gun, 12" soil probe, 47 inches overall length, 4.5 lbs., \$92.50 includes shipping.

Heavy duty gun, 24" soil probe, 47 inches overall length, 5.5 lbs., \$102.50 includes shipping.

**EQUIPMENT FOR SALE.** Roseman Hydrogang Mower mounted on a MF-135. Wheel Roll Irrigation System and irrigation pipe 2" to 8" with mains. Medina Sod Farms, 14349 Burton City Road, Orrville, Ohio 44667.

5/84

**SALE--SALE--SALE--Hannay 12 volt base mount reel motors,** \$100.00 (new). Regular \$160.00. FMC (John Bean) parts and pumps at discounted prices. **Hypro pumps** parts and accessories at 25% discount. Call: Strong Ent., Inc., Collect: (305) 264-5525.

TF

1982 300 gallon Myers Sprayer, 25 GPM centrifugal pump, all extras included, less than 30 hrs. use, kept in storage. \$5,000. Call (617) 686-5904.

4/84

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4/84

**VERMEER TS-66** Tree Spade with new hoses and up dates. Mounted on 1977 International Loadstar 1850, with DT-466, diesel, low miles, 13 speed, twin screw, new radial tires, excellent condition. Price \$25,000.00. (402) 423-4126.

4/84

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4/84

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11/84

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4/84

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4/84

## USED EQUIPMENT

For Sale — 1978 Princeton Sod Harvester, Model #4020, with John Deere diesel. Ready for work! Looks good — Runs Good! \$17,500. Grass Farm, Morgan Hill, CA. (408) 226-9775.

TF

F-133 Jacobsen mower with 5 extra mower units, all 10 mower units fresh sharpened, field ready, \$4,000.00. Toro Super-Pro, new paint, motor good, reels and bed knives fresh sharpened. \$2,000.00 Bob Cat forklift with vertical mast, 3000 lb. capacity, 2 axle custom trailer to haul it. Ideal for sod and other materials. \$6,500.00 for both units. (303) 683-2262.

5/84

**FOR SALE:** Genuine quality Bermuda and Zoysia fairway sprig row planting machine — plants in existing turf on 12" centers. 1-513-424-2052. 4/84

Spray Trucks 1978, 1976, 1973 Chevrolet & Ford 2 Ton trucks. 1,200 to 1,500 gallon tank. FMC Pump, Hannay electric reel, many extras (217) 359-7012.

4/84

Bean 200 gallon stainless steel tank. 10G.P.M. Bean pump. Model 810 Kohler engine — Hannay electric hose, reel — 500 feet symplex hose — Chem Lawn gun. \$2,400.00 or best offer. Call Andy Rusin (216) 233-8336, Lorain, Ohio. 4/84

For Sale: Two Bean 1010 Sprayers, two Hose reels, 150 feet of hose each. One unit \$2,800.00, one unit \$2,000.00. Excellent condition. Call Bruce, 218-367-2033.

6/84

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**HYDRO-MULCHERS AND STRAW BLOWERS** New and used. **JAMES LINCOLN CORPORATION**, 3220 S. Jupiter Rd., Garland, TX 75041. (214)840-2440 (TX), (800)527-2304(except TX) TF

**HI-RANGERS AERIAL BASKETS** 65', 57', and 53'. Skyworkers aerial baskets 65', 50', 40'. Vermeer stump cutter 1560.6. Vermeer tree spade 66, TS 44. Asplundh bucket and brush chippers, Bean sprayer, 9 ton trailer. Parkway Tree Service, 12026 W. Cherry, Wauwatosa, Wisc. 53226. (414) 257-1555. TF

2 FMC Tree Spraying rigs for sale. (1) 1000 Gal. SS/tank, 50 GPM Pump. (1) 600 Gal. SS/tank, 35 GPM Pump. Both with electric reels, hose & gun. Call after 5:00 p.m. (914) 357-7180. 4/84

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For Sale: SPYDER FORKLIFT, excellent condition, low hours, heavy caster w/extender forks, \$11,500. (815) 963-5015, Rockford, IL. 4/84

VERMEER STUMPER — 1560, good condition. New engine 1981. Wis. Tree Expert Co., 3808 Sell Street, Wausau, WI 54401. \$6500. 715-842-0619. 4/84

FOR SALE: (3) 550 gallon spray tanks. Unit is self-contained with 16 H.P. B/S twin cylinder motor and Meyers 2C95 pump - custom filtration system, manual Hannay reel, adjustable pressure and agitator valve and gauges. Excellent for tree and turf business. Phone: (312) 537-6590. 4/84

For Sale — Big John Tree Transplanter 79, like new on Ford Twin Screw Cat Diesel Truck. Phone John D. May, 501-362-6591. 4/84

## WANTED

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Wanted to buy **HYDRO SEEDER**. Please send photo. Johnson Hydro Seeding Corp., 13751 Travilah Road, Rockville, MD 20850, 301/340-0805. TF

WANTED — Hydro Seeder. In good operating condition. 1,000 gallon plus. Medina Sod Farms, 14349 Burton City Road, Orrville, Ohio 44667. 5/84

WANT TO BUY used Brouwer Harvester. 1-513-879-1538. E. Gilbert. 4/84

## HELP WANTED

Lawn Maintenance Supervisor. Commercial maintenance firm needs qualified person for supervisory position. Degree in and/or experience in agriculture related field a must. Send resume to Production Manager, Maintain Incorporated, 2549 Southwell, Dallas, TX 75229. (214) 241-2202. 4/84

Landscape Maintenance Sales position available in Dallas, Houston and Oklahoma City for aggressive, responsible sales representatives. Applicants should hold degree in horticulture or related field. Experience is a plus but not required. Career oriented individual only considered for this position, offering base salary, car allowance and commission. Send resume for review to Sales Manager, Maintain Incorporated, 2549 Southwell, Dallas, TX 75229. (214) 241-2202. 4/84

Landscape Maintenance Pesticide Applicator. Commercial maintenance company seeks knowledgeable, aggressive individual with experience in all aspects of pesticide applications. Must have or be able to attain a Texas Certified Pesticide Applicators License. Send resume to Branch Manager, Maintain Incorporated, 2549 Southwell, Dallas, TX 75229. (214) 241-2202. 4/84

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Chemical Lawn and Tree Manager—Seeks challenging management position for established chemical lawn and tree company in Florida. Six years experience, with extensive knowledge of turf grass, ornamental plants, and marketing. Resume upon request. Write WTT Box 319.

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Beautiful and functional this attractive redwood slatted receptacle will enhance your grounds while it commands use. The rich redwood, bronze aluminum framing and strong vertical lines attract the eye, yet fit comfortably into settings like golf courses, playgrounds and parks. "Trash" message is permanently routed into the redwood on all four sides. Wood is doubly protected with a base seal and tough topcoat of clear urethane varnish. 9" legs are designed to be driven into the ground to prevent tipping. Unit is also available with shorter legs. Includes 14-gal. rigid plastic liner.

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						166	Vermeer Mfg.	58
						167	Vermeer Mfg.	58
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						169	Vermeer Mfg.	59
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## Groundwater, prenotification are becoming emotional issues

Concern over groundwater pollution and urban pesticide spraying is resulting in overly restrictive local legislation based upon fear and emotion instead of facts.

Lack of an organized defense at the local level is causing problems not only for local applicators and chemical companies, but for state and Federal environmental protection agencies and Congress.



"Local governments are trying to ban uses of pesticides without scientific basis," says Ray Brush, executive director of the National Landscape Association. "What happens to a pesticide on Long Island, with its high water table and sandy soil, will not happen everywhere. News coverage of EDB and dioxin is used by environmentalists as if it were the same for all chemicals in all locations. That's not true, and EPA is aware of this. Since EPA is required to base its decisions on facts, it would be fair for EPA to prevent local agencies from restricting chemicals and their uses without consideration of the facts."

It wasn't facts that cancelled DDT. It was the emotional picture of young, rare birds dying because the shells of their eggs were too thin. Once the impression of dying birds was made, facts carried little to no weight in the minds of the public and their representatives.

Every effort has to be made to confront emotion with facts at the local level. Without answers or an organized defense, local lawmakers are going far overboard. When enough local agencies go overboard, the issue becomes a national one, an emotional national issue.

## Public education leans toward grantholders, not good teachers

It used to be good teachers were secure in their jobs. Then, universities started requiring teachers to publish in recognized journals. This meant teachers also had to be researchers and writers. Now, they have to be salesmen too, selling their research to foundations and companies in exchange for grants.

Whatever happened to the good teacher? What is happening to students who have become second or third in the importance of their instructors? Somehow, university administrators have lost track of their primary job, educating students.

*Bruce F. Shank*

by Bruce F. Shank, executive editor

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