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AKADEMI
VA Tech adds
turf option
BLACKSBURG, VA

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searcher with the University of Florida's Institute of Food and Agriculture Science.

"The world's leading producers of biologicals started out in the nursery business, and now they're using their greenhouses to produce organisms for biological pest control," Osborne says. Nurseries are a natural starting point, both as producers and as consumers of new commercial

biocontrol products, Osborne says, because nurseries need repeated doses of biocontrol organisms and exist in a closed environment. Many in the nursery industry also know how to create the controlled conditions necessary to produce biologicals, he adds, and they have the needed expertise in plants, bugs, weeds and plant pathogens.

"Of course, biocontrol organisms will have to be

cleared with various agencies before they are released or sold," adds Osborne, "But there is every reason to be excited about the potential for biologicals for the nursery industry." □

ACADEMIA

VA Tech adds turf option

BLACKSBURG, Virg. —

The two-year Agriculture Technology program at Virginia Tech, which graduated its first class last month, is adding a landscape and turf management option to its three existing options for students.

The program offers concentrated, two-year college level experience to individuals who wish to pursue careers in agriculture. It emphasizes the application



of classroom instruction to actual situations found within the agriculture industry.

Students selecting the new option, which will begin this fall, will be trained in turfgrass and landscape installation, maintenance and management.

Interested students should know that "The existing demand in just the turf area, especially in golf course management and lawn care, is probably two to four job opportunities for every graduate," says David Chalmers, extension agronomist. □

PEOPLE

Thomas new LM/LCI rep

CLEVELAND — Barbara Thomas is the new eastern region sales manager for LANDSCAPE MANAGEMENT and LAWN CARE INDUSTRY magazines.

Thomas was previously an account executive with Ameritech Publishing, Inc.

She says she looks forward to establishing ongoing professional relationships



with advertisers, "rather than closing an account and not being in contact until the following year." □

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Now! Affordable post-emergent control of Crabgrass & Nutsedge plus the broadleaves you get with Trimec® HERBICIDE

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"Sometimes things are so obvious that they take you by surprise." No, that's not Yogi Berra double talk . . . It's the essence of what so many of our turf friends said when they sampled Trimec Plus last year.



Everett Mealman
President
PBI/Gordon Corporation

Listen to Sandy Queen, Certified Superintendent of Golf for the city of Overland Park, Kansas. "The minute I read the Trimec Plus label, I said to myself, Hey, this will work! I just know it will!"

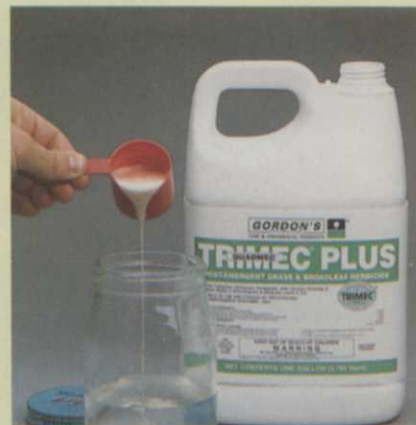
It was in August of 1988 when Sandy saw the Trimec Plus label and the first thought that came to his mind was to test it against a \$250.00-a-gallon post-emerge he

had already purchased to use on the goosegrass of a newly seeded driving-range tee at the Overland Park Golf Course.

"You remember the weather last year," said Sandy, "so you won't be surprised to learn that,

even though a pre-emergent had been used, the tee was loaded with goosegrass and crabgrass. We sprayed half of it with the super expensive exotic and the other half with Trimec Plus, which I believe costs \$27 a gallon and, based on the rates we used, cut our cost per acre in half.

"The super expensive exotic only



New free-flowing formulation; Active ingredients are in a stable, uniform suspension that is as easy to work with as any other Trimec Complex.

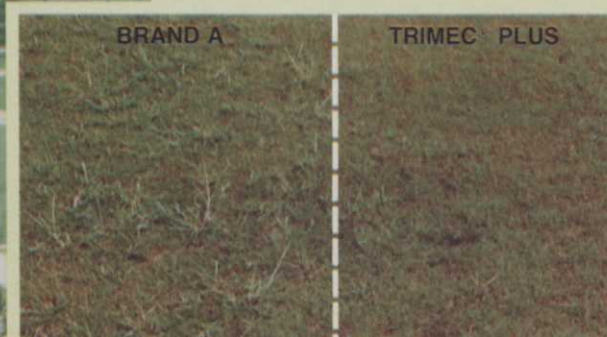
got the young goosegrass. It did virtually nothing on the mature plants. But that one application of Trimec Plus virtually cleaned out all the grassy weeds as well as a good deal of yellow nutsedge that was also immune to the more costly treatment."

We'll tell you what Sandy Queen saw on the Trimec Plus label that made him so sure it was a winner, but first, here are a few more comments from your peers.

Works with no burning or discoloration

Russell Kestler, who owns Rus-

Below is a polaroid showing the goosegrass control of brand A, vs. Trimec Plus. At left in photo is August Leitzen, Superintendent of Overland Park Golf Course, with Sandy Queen, Certified Superintendent of Golf for the city of Overland Park, Kansas.





1) Tom Tomlinson, left, of Lawn Doctor in Trumbull, West Redding, Connecticut with two of his drivers, Gary Schwarz (center) and Matt Werthmann. Tomlinson reports excellent results with Trimec Plus on yellow nutsedge.



2) Russell Kestler, of Russell's Landscaping, Malverne, N.Y. Kestler used Trimec Plus to control crabgrass in 85° temperature with very good results and no burning or discoloration.

sell's Landscaping of Malverne, New York out on Long Island, said, "We used Trimec Plus last season on approximately 140,000 sq. ft. of residential turf that was loaded with crabgrass. We got excellent results with just one application — and there was no discoloration or burning of the turf, even in August."

Tom Tomlinson of Lawn Doctor in West Redding, Connecticut used it on over 40 lawns last year to clean out yellow nutsedge and crabgrass. "The results were excellent," said Tomlinson. "Trimec Plus totally cleaned up an unusually heavy infestation of nutsedge and crabgrass in spite of erratic and difficult weather conditions, and in most instances only one treatment was needed."

"And guess what," continued Tomlinson. "Trimec Plus also cleaned up our clover problems."

After listening to Tomlinson, we almost think we should have named our new herbicide Trimec Plus-Plus-Plus: nutsedge *plus* crabgrass, *plus* broadleaves, *plus* economy.

Why Trimec Plus is so efficient

Now, back to what Sandy saw on the Trimec Plus label that got his enthusiasm up — it was MSMA as an ingredient in a new Trimec Complex. As a Certified Superintendent

of Golf, Queen is quite naturally a dyed-in-the-wool user of Trimec and, of course, he has had extensive experience with MSMA.

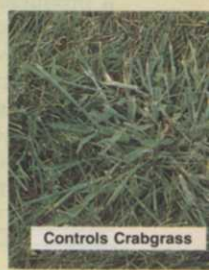
He knows that MSMA is surely one of the most effective herbicides for use on grassy weeds and sedges, but that it has a major flaw. To get enough of it into a grassy weed to kill it requires repeated applications, or so much of a wetting-and-penetrating agent that burning and discoloration will occur.

And he also knows that Trimec has a unique eutectic characteristic that gives it unparalleled penetrating power.

A new Trimec Complex

So, when MSMA is locked into a Complex with Trimec — which is precisely what Trimec Plus is — you have a superior system for delivering the MSMA to grassy weeds such as crabgrass, dallisgrass, baryardgrass and nutsedge — and, of course, the delivery system itself, Trimec, is the undisputed number one post-emergent broadleaf herbicide for ornamental turf in all the world!

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Trimec Plus is not a tank mix of Trimec and MSMA. Trimec Plus is a specially compounded amine complex of 2,4-D, MCPP, Banvel® and MSMA . . . in a stable, uniform suspension that is as easy to work with as any other Trimec Complex.

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HERBICIDE

Dr. Robert Kneebone and Marlin Wian were honored at the recent GCSAA show in Anaheim, Calif. for their contributions to the turfgrass industry.

Kneebone, a retired professor from the University of Arizona, is recognized as a leader in turf research. He has made significant contributions as a turfgrass breeder and selected the parental clones that were used in the development of SR 1020 creeping bentgrass.

Wian, superintendent at Llanerch Country Club, Havertown, Pa., was praised for his progressive, innovative and highly skilled turf management activity.

Seed Research of Oregon, a producer and marketer of elite turf grasses, sponsored the awards.

Horticulturist Mary Halbrooks has been chosen by Clemson University to work with South Carolina's nursery crops industry and

conduct plant research.

Halbrooks will also conduct research on mineral nutrition and water relations in woody plants, hoping to minimize fertilizer and water use in the nursery industry.

She holds degrees from Purdue and the University of Wisconsin.

Laurel Goddard has been appointed communications assistant for the California Landscape Contractors Association.

A graduate of Cal State Sacramento, Goddard will produce the CLCA newsletter and news releases.

She previously served an internship with the California Department of Forestry and Fire Protection's public



Halbrooks

affairs office, and was a reporter and copy editor for two local newspapers.

Harold M. Stratton, II has been elected vice president and general manager of Briggs & Stratton Technologies.

Stratton joined the company in 1977. He was previously vice president and assistant general manager.

Lawrence E. Scovotto, executive vice president of the American Association of Nurserymen, has been elected to a three-year term on the Small Business Legislative Council board of directors.

The SBLC is a Washington, DC coalition of nearly 100 national trade association members, representing more than four million small businesses.

Dr. William E. Pound has been appointed Turfgrass Extension Specialist at Ohio State University.

He serves as specialist

for the county extension staff and turfgrass industry clientele and provides the public with agronomic information and recommendations regarding turfgrass in Ohio.

He will also conduct an applied research program at the university's turfgrass research facility and outlying areas.

Pound has served as a project leader for O.M. Scott & Sons Company.

Stephen J. Hoff, president of Hoffco, Inc. died recently at the age of 62 following a brief illness.

Two of Hoff's contributions to the equipment industry were the first gas-powered scythe and the blade brake system for power mowers.



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EVENTS

JUNE

13-16: Grow America, Nashville Convention Center, Nashville, Tenn. Contact: Vicki Miller, P.O. Box 3102, Glen Ellyn, IL 60138; (312) 790-3220.

14-16: Florida Foliage Expo '89, Diplomat Resort, Hollywood, Fla. Contact: Florida Foliage Assoc., P.O. Box 2507, Apopka, FL 32704-2507.

15-17: Texas Chapter of the International Society of Arboriculture, state convention, Kerrville, Texas. Contact: Earl Caldwell, I.S.A., P.O. Box 140582, Austin, TX 78714; (512) 345-7078.

22: Tree Troubleshooting Seminar, with Dr. Alex L. Shigo. University of California Cooperative Extension, Riverside. Contact: Hartley Bennett, P.O. Box 414, Wickenburg, AZ

85358; (602) 684-7308.

JULY

7-9: American Society of Consulting Arborists consulting workshop, Tampa, Fla. Contact: A.S.C.A. at 700 Canterbury Rd., Clearwater, FL 34624; (813) 446-3356.

12-13: Association for the Use of Native Vegetation in Landscape Through Education third annual meeting, Chicago Botanical Gardens. Contact: the association at 871 Shawnee Ave. Lafayette, IN 47905; (317) 463-1943.

13-15: California Landscape Contractors' Association, Inc., summer Tri-Board meeting, Radisson Hotel, Manhattan Beach. Contact: C.L.C.A. at 2226 K Street, Sacramento, CA 95816; (916) 448-CLCA.

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"They say I plant too many trees," says superintendent Boehm. "But I'll plant any I can get my hands on (6,000 since 1972)." He also uses 8,000 annuals, perennials, 100 tubs of ornamental grasses per year and wildflowers.

COPING WITH CONSTRUCTION...

...Not to mention the military way of doing things, and the agronomics of living in the Miami Valley. Those are the challenges of Rick Boehm.

by Jerry Roche, editor

His cronies are tearing up his golf course. There's nothing Rick Boehm can do but grin and bear it, except sometimes grasp his forehead in disbelief.

"Keeping the grass looking good is simple, compared to all the other

problems," says Boehm. He is charged with maintaining the Wright-Patterson Golf Club at Wright-Patterson Air Force Base in Dayton, Ohio—not an easy task, considering the constant interference from outside equipment.

For starters, a 14-inch deep trench

spanned the fairways of holes No. 10 and 14 this spring. It forced Boehm to temporarily shorten both holes until a 69,000-volt electrical line was installed. ("Fortunately, they didn't hit any of my irrigation lines," Boehm says. "I marked them the best I could.")

Elsewhere, a new portion of Interstate 675 that will be the base's main entrance is cutting the No. 11 tee off short. When that project was announced, Boehm had to move his tree nursery.

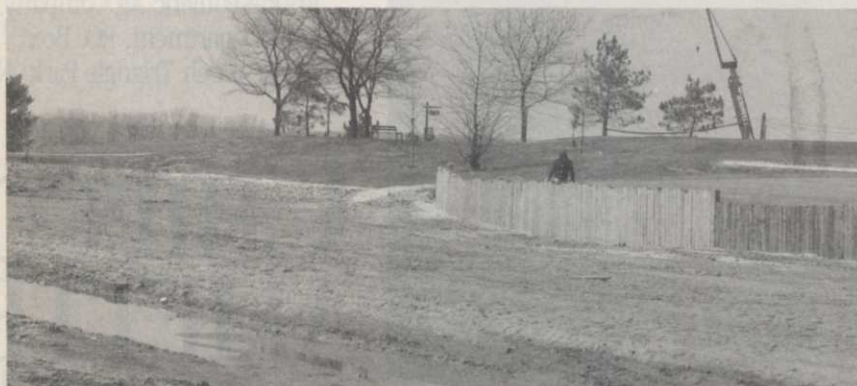
"Ninety-nine percent of the construction is not for the golf course," Boehm announces. "The only golf course construction is rerouting a water line on No. 11."

Coping secrets

How does Boehm cope?

"I've been here for 16 years," he notes. "We're a 27-hole course, but in that time I've had to construct and reconstruct about 54 holes.

"It's crazy at times. Every day,



The general suggested adding railroad ties to the the 16th green, next to a pond. Since the base's environmental consultants looked disapprovingly upon using railroad ties, Boehm's crews were busy this spring constructing a vertical wall of landscape timbers.

something seems to go astray. Every day is different, depending on mowing, weather and construction. There isn't another course I know of that has problems like us."

No, but many landscape managers who fit into the government sector (like Boehm, a WS-10-grade government employee) face some of the same problems as he. Beginning with red tape.

"It was difficult when I first got the job," remembers the veteran. "My whole theory was to try and make the best course. That doesn't fly with the military.

"You don't just go out and build a

bunker. To do it the way they wanted took two years. It was awful.

"At first, I'd walk around pulling my hair out, trying to fight the system. But we've found out we have to work within the system."

"Working within the system" means two sets of pesticide records (one for the Air Force, one for OSHA) and putting up with the complaints of uninformed military personnel.

"If there are any bird or fish kills, I'm the first one they call," Boehm notes. "One time, the vehicle maintenance department was stacking its old batteries and acid was getting washed down into a pond. There was a big fish

kill. I was the first one to get called on the carpet."

"Working within the system" also means donating part of the club's proceeds to what is called the base's Morale, Welfare and Recreation Fund. (This meant opening the membership up to the first 100 civilians to apply. Last year was the first year that civilians could play, which boosted annual rounds to about 70,000.)

Unearthing relics

Because of the continual reconstruction, some lower holes are built on a former dump and others on former sites of barracks.

"Once, we actually pulled up live ammo from an old gunnery site," Boehm says. "We pull up old knives and forks from the dump. From those old barracks, there are old sanitary sewers and electric lines—big lines."

Because of their placement, greens are also very difficult to keep moist during droughty periods. Boehm must continually reseed the roughs, Kentucky bluegrass cut to two inches.

Another factor that has influenced his maintenance program was the Air Force Logistics Command's (AFLC) interpretation of an EPA rule. According to Boehm's superiors, he couldn't use pesticide spray equipment (including a John Deere 1500 self-contained sprayer) for anything but spraying. The final interpretation, after Boehm tried to clarify things, has yet to be determined.

Keeping it military

This is a very military base. Very, very military: the AFLC's commanding officer, four-star Gen. Alfred Hansen (who is an avid golfer), has a house overlooking the course. Not long ago, the general suggested adding railroad ties to the the 16th green, next to a pond. Of course, Wright-Patterson's environmental consultants looked disapprovingly upon using railroad ties because of possible creosote contamination. So Boehm's crews were busy this spring constructing a vertical wall of landscape timbers. ("Maybe we'll name the hole after him," Boehm says with a wink.)

His responsibilities sometimes transcend the usual responsibilities of a civilian golf course super. He not only must maintain the course, but also some parts of its perimeter, along roads that make up the base's VIP tour. ("It's a pain.")

Boehm also received some bad marks when he began to deviate from what the airmen and officers thought the golf course should look like.

"They say I plant too many trees," says Boehm. "But I'll plant any I can

This man has been around



After 16 years of practice, superintendent Boehm has mastered the art of working with military bureaucracy.

Rick Boehm has only worked on two golf courses. But he's been around.

Boehm, who started as assistant superintendent at Weatherwax Golf Course in Middletown, Ohio, is now at Wright-Patterson Golf Club. But, as a graduate from Ohio State University in agronomics, his talents are always needed elsewhere.

"If I had ever opened up a consulting business, I'd be rich now," the jovial Buckeye says. "Everybody at the base comes to me."

Boehm has, in the past, been TDY (military terminology for "temporary duty"), consulting at Robbins AFB in Georgia, Tinker AFB in Oklahoma, Chanute AFB in Illinois and Homestead AFB in Florida. On these trips, he's lent his expertise to other Air Force superintendents.

He has also consulted for the

southern Ohio cities of Cincinnati and Dayton horticulture departments.

Boehm is also very active in the Miami Valley branch of the GCSAA and the Ohio Turfgrass Foundation. He is a former president of the Miami Valley GCSA and was its newsletter editor for nine years. He is currently the organization's video librarian and a member of its board of directors. He is also a former OTF board member. How does he explain this involvement?

"A lot of new people need information, and I feel I'm one of the old farts in the organization. I get involved with everything."

Boehm's top employees are assistant Jeff Caldwell, who has been with him since 1977, and irrigation technician Bob Hoover. Besides those two, Boehm hires nine seasonal workers from a Non-Appropriated Fund list supplied to him by the Air Force.

"These are seasonal people who are required to apply by the last two weeks of February, so we have very few people to draw from." This year, though, four of the nine seasonals are back from last year.

The last conversation that LANDSCAPE MANAGEMENT had with Boehm (as this issue went to press), he was having more of the same problems as earlier in the year.

"You should have been here this week," he told us. "Every contractor that was on the course hit an irrigation line."

We wished him luck.

"Thanks, I need that," he laughed.

—Jerry Roche □



Despite the constant struggle with military contractors, Boehm's course looks great.

get my hands on (6,000 since 1972)." He also extensively uses about 8,000 annuals, perennials, 100 tubs of ornamental grasses per year, and wildflowers. Sometimes he uses them thanklessly.

"There was some bitching at first because everybody wanted the 'military look.' But they got used to it,"

Boehm explains. "Because of the placement of some trees and ornamentals, the golfers are starting to play their own hole more, rather than adjacent ones."

This use of lovegrasses, sheeps fescue, flowers and the like is not cheap. "It's pretty intensive work, but people enjoy the areas more," he observes.

"We have a lot of women who enjoy the flowers and we try to appease them," even though wildflower maintenance sometimes runs twice that of turf.

Happiness is...

So why has Boehm lasted so long under such extreme working conditions?

"I love the area where I live," he answers. "I enjoy what I do. I've taken a golf course that was nothing and created something."

He likes to talk about Wright-Patterson's beautification program. Base personnel, he says, want to make the rest of the base as delightful to the eyes as the golf course is. "That makes me feel pretty good too," he beams.

Despite his 16 years at Wright-Patterson, Boehm remains on the cutting edge of new developments. His course last August became the first in Ohio to install a combination weather station/RainBird Maxi computer irrigation system.

The fruits of his labor are paying off. Late next month, Wright-Patterson Golf Club will be the site of the AFLC golf championships. A week later, the All-Air Force championship will be held there. And the following week, the all-service championships will invade. This is the first time all three major military title matches will be held at one facility in one year.

"Golfers from all over the world will be here," Boehm beams proudly. "These are serious golfers. We have to feed, house and transport them—show 'em a good time. It's going to be big."

And Boehm's course will doubtless be up to the task. Unless, of course, the engineers decide to put in a few more electrical lines. **LM**

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