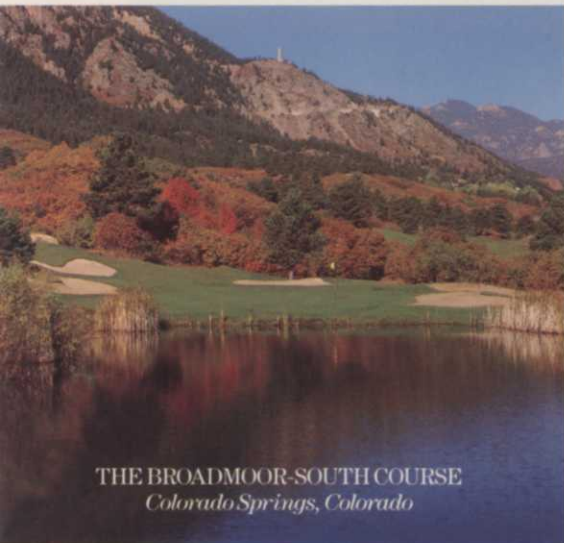


Cool Season Herbicides (cont.)

Herbicide	Brand Name(s)	Company	Uses
pronamide	Kerb	Rohm & Haas	<i>Poa annua</i> control in warm-season grasses. Also weed and grass control around woody ornamentals and Christmas trees.
sethoxydim	Poast	BASF	Post-emergence control of grassy weeds around broadleaf ornamentals.
siduron	Tupersan	DuPont	Pre-emergence control of annual grasses in newly seeded turf areas.
simazine	Princep	Ciba Geigy	Selective control of annual grasses and broadleaf weeds in established bermudagrass. Also, used in industrial and aquatic weed control.
sulfometuron-methyl	Oust	DuPont	Non-selective industrial and selective in bermudagrass.
tebuthiuron	Spike	Elanco	Brush control and total vegetation control in non-crop areas.
trifluralin	Treflan	Elanco	Selective pre-emergence weed control in established ornamentals and under asphalt.
triclopyr	Garlon	Dow	Systemic control of woody plants in rights-of-way and industrial sites.
2,4-D	2,4-D	Dow Fermenta Rhone Poulenc Vertac	Selective control of weeds in turf and numerous other areas. Usually mixed with other herbicides.
Vorlex	Vorlex	Nor-Am	Preplant fumigant. Broadleaf weed control in established turf.

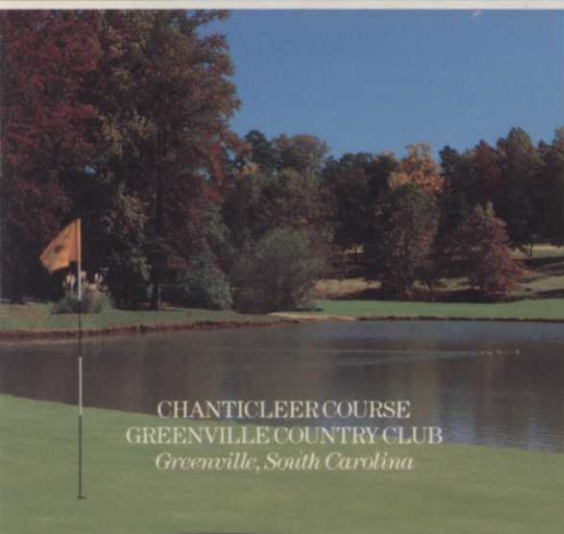
We have our product



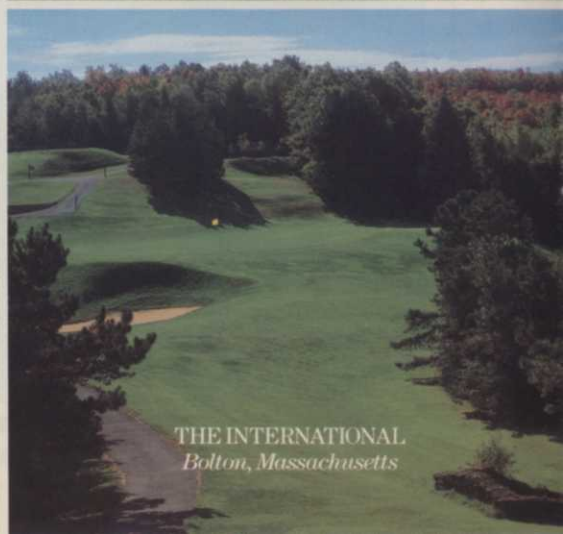
THE BROADMOOR-SOUTH COURSE
Colorado Springs, Colorado



NCR COUNTRY CLUB
Dayton, Ohio



CHANTICLEER COURSE
GREENVILLE COUNTRY CLUB
Greenville, South Carolina



THE INTERNATIONAL
Bolton, Massachusetts

grounds for claims.

You've heard it before. "This stuff will get rid of your Poa annua. Blah, blah, blah, blah."

Well, Scotts TGR Poa Annua Control *will* help you get rid of your Poa. And we've got grounds to prove it.

Golf courses with tough Poa annua problems. And demanding superintendents. Over 2,000 courses, all over the country, are now using it successfully in their maintenance programs.

The result? Scotts TGR Poa Annua Control has lived up to its claims.

That's because Scotts patented TGR formulation contains paclobutrazol and is the only controlled-release, fertilizer-based Poa control product. The only product that halts the growth of Poa, then encourages the growth of desirable grasses to overtake it.

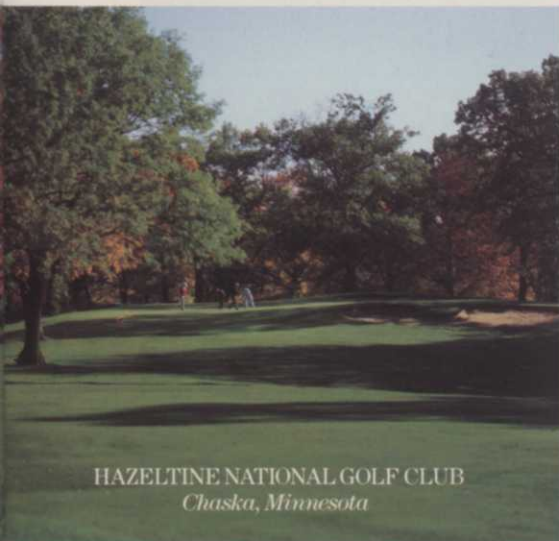
And since Scotts TGR Poa Annua Control is dry-applied, you get more even coverage, and less potential for volatility and chemical breakdown. So you can be assured of safe consistent results when used as directed.

Your Scott's Tech Rep can give you more facts and figures. Or you can just call us at 1-800-543-0006.

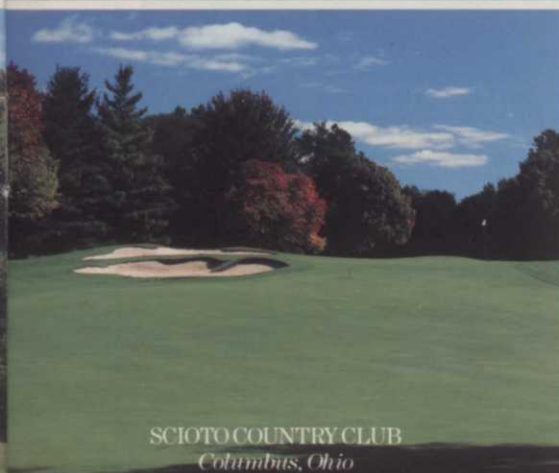
The only holes in our claims have flags in them.



TGR. Poa Annua Control



HAZELTINE NATIONAL GOLF CLUB
Chaska, Minnesota



SCIOTO COUNTRY CLUB
Columbus, Ohio

WARM-SEASON

by Tim Murphy, Univ. of Georgia

**Warm-Season Turfgrass Tolerance
to Pre-Emergence Herbicides**

TURFGRASSES					
Herbicide	Bahia-grass	Bermuda-grass	Centipede-grass	St. Augustine-grass	Zoysia grass
<i>(PRE-EMERGENCE)</i>					
atrazine ¹	NR	T(D)	T	T	I
benefin	T	T	T	T	T
benefin + oryzalin	T	T	T	T	T
benefin + trifluralin	T	T	T	T	T
bensulide	T	T	T	T	T
bensulide + oxadiazon	NR	T	NR	NR	T
DCPA	T	T	T	T	T
ethofumesate ²	NR	T(D)	NR	NR	NR
fenarimol	—	T	—	—	—
napropamide	T	T	T	T	NR
oryzalin	T	T	T	T	T
oxadiazon	NR	T	NR	T	T
pendimethalin	T	T	T	T	T
pronamide	NR	T	NR	NR	NR
simazine	NR	T	T	T	T

¹When dormant, bermudagrass and zoysiagrass have good tolerance to atrazine.²Ethofumesate is labeled for use on dormant bermudagrass that is overseeded with perennial ryegrass.

T = Tolerant at labeled rates; I = Intermediate tolerance, NR = Not registered for use on this turfgrass.



Shinnecock Hills Golf Club, Southampton, New York



Southern Hills Country Club, Tulsa, Oklahoma



Oak Tree Golf Club, Edmond, Oklahoma



Medinah Country Club, Medinah, Illinois

Another banner year for Betasan.

Once again, most of the country's top courses chose **BETASAN**.

Perhaps that's because top superintendents know that **BETASAN**[®] herbicide is more effective, safer and longer lasting than all other crabgrass controls, including Dacthal* and Team.**

Or, maybe the reason is Betasan is the only preemergent crabgrass control that's safe for bentgrass and all other turfgrasses, including established bluegrass, fescue, perennial, annual rye, bermudagrass, Zoysia, bahia, centipede and St. Augustine.

Either way, for over 20 years Betasan has been earning the trust of the most de-

manding and knowledgeable golf course superintendents in the country.

Isn't it time you experienced the same confidence?

BETASAN is available in liquid formulation, as well as granular, to match any application need you may have.

For more information contact your local supplier, or call ICI Americas at 1-800-759-2500.

BETASAN

Trusted most by the best



*Dacthal is a registered trademark of Fermenta Corp.

**Team is a registered trademark of Elanco.

BETASAN is also marketed professionally under the trade names Betanurec, Pre-San and Lecosan.

Warm-Season Turfgrass Tolerance to Post-Emergence Herbicides

TURFGRASSES					
Herbicides	Bahia-grass	Bermuda-grass	Centipede-grass	St. Augustine-grass	Zoysia-grass
<i>(POST-EMERGENCE)</i>					
asulam	NR-S	T ¹	NR-S	T	NR-I
atrazine	NR-I	T(D)	T(D)	T	I
bentazon	T	T	T	T	T
bromoxynil	T	T	T	T	T
2,4-D	T	T	S-I	S-I	T
2,4-D + dicamba	T	T	S-I	S-I	T
2,4-D + dichlorprop	T	T	S-I	S-I	T
2,4-D + mecoprop	T	T	S-I	S-I	T
2,4-D + mecoprop + dicamba	T	T	S-I	S-I	T
2,4-D + mecoprop + dichlorprop	T	T	I	I	T
dicamba	T	T	I-T	S-I	T
DSMA, MSMA	S	T	S	S	I
glyphosate ²	NR-S	T(D)	NR-S	NR-S	NR-S
imazaquin	—	T	T	T	T
MCPA + MCPP + dichlorprop	T	T	I	I	T
MCPP + 2,4-D + dicamba	T	T	I	I	T
MCPP	T	T	S-I	S-I	T
metribuzin	NR-S	T	NR-S	NR-S	NR-S
pronamide	NR	T	NR	NR	NR
sethoxydim	NR-S	NR-S	T	NR-S	NR-I

¹ Asulam is labeled for use only on 'Tifway' (419) bermudagrass.

² Bermudagrass is tolerant to glyphosate when completely dormant.

T = Tolerant at labeled rates; I = Intermediate tolerance, use at reduced rates; S = Sensitive, do not use this herbicide; NR = Not registered for use on this turfgrass.

Common and Trade Names of Warm-Season Turfgrass Herbicides (cont.)

Common Name	Company	Trade Name and Formulation ¹
asulam	Rhone-Poulenc	Asulox 3.34 lbs./gal.
atrazine	Royalgard Ciba-Geigy	Purge 4 lbs./gal. Aatrex 4L, 90DG, 80W
benefin	Elanco Lesco	Balan 2.5G, 85DG 2.5 Benefin Granular (2.5G)
benefin + oryzalin	Elanco	XL 2G
benefin + trifluralin	Elanco	Team 2G
bensulide	ICI Royalgard PBI/Gordon Lesco	Betasan 2.9E, 4E, 3.6G, 7G, 12.5G Roysan 4E, 12.5G Betamec 4LF Lescosan 4E, 7G
bensulide + oxadiazon	Scotts	Goosegrass/Crabgrass Control 6.5G
bentazon	BASF	Basagran - 4lbs./gal.
bromoxynil	Rhone-Poulenc Lesco	Buctril 2 lbs./gal., Buctril 4EC, Brominal 2 lbs./gal., ME4 Brominal Brominal 2 lbs./gal.
2,4-D	Interag, Lesco, Fermenta Others	Numerous trade names and formulations are available
2,4-D + dicamba	Rhone-Poulenc Lesco PBI/Gordon	Weedone Super D Pro Amine Eight-One Selective Herbicide Phenaban 801
2,4-D + dichlorprop	Rhone-Poulenc	Weedone DPC Amine, Weedone DPC
2,4-D + mecoprop	Lesco Rhone Poulenc PBI/Gordon	Lescopar Turf Kleen Phenomec 2 + 1
2,4-D + mecoprop + dicamba	Lesco	Three-way
2,4-D + mecoprop + dichlorprop	Riverdale	Weedestroy Triamine

¹Numeral refers to percent or pounds of active ingredient.

continued . . .

Introducing Cutless.[®]

*A new kind of turf growth regulator
that gives your course a bottom line boost:*

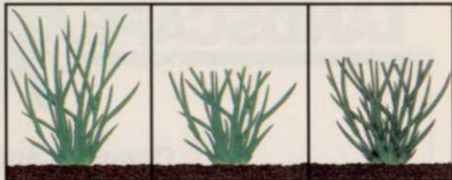
More playability.



This is where perfect lies start on your fairway. New Cutless 50W from Elanco.

Unlike other turf growth regulators, new Cutless doesn't stop the development of warm and cool season turfgrass. Instead, it reduces or slows your turfgrass's growth rate by shortening the internodes of the growth stem with no adverse effects on their roots. The result is improved turf quality and more playable fairways.

With Cutless, your turfgrass appears thicker and stronger for a denser, more consistent playing surface. Golf balls just naturally sit up better.



1. Sprig of grass in normal state.
2. Seven to 10 days after Cutless application, mowed sprig sometimes exhibits slight discoloration of treated area and leaf tip browning.
3. Growth reduction peaks between third and eighth weeks, accompanied by darker green coloration and increased tillering.

Don't just take our word for Cutless. Take it from Scott Niven:



Scott Niven
Superintendent, Stanwich Club
Greenwich, Conn.

"I've reduced clippings 30 to 50% when we mow fairways. My guys don't have to empty the baskets as much, so we save time and money on labor. But I think the best advantage is the reduction in the amount of water you have using Cutless. It's a marked difference.

"Initially, you get so little discoloration with Cutless that a golfer would never notice it. But after 4 weeks, the difference was between night and day on how dark green the Cutless turf was.

"Cutless helped us convert from 80% Poa annua to over 95% bentgrass within five years. But I'm just as impressed with how Cutless creates a much thicker turf. It makes the grass as tough as nails, helps the ball sit up higher for our golfers."

Cutless also reduces your water use, resulting in less turf wilt. And lower irrigation costs.

But Cutless does more than that. Much more. It also gives your turf a rich, darker green color.



Because Cutless-treated grass grows at a slower rate, there's also a dramatic reduction in clippings. Up to 50% less. With less mowing frequency. Also up to 50% less. You not only save time and labor costs, you

can also manage your hard-to-mow areas more efficiently.

Here's another added benefit with Cutless. As your turfgrass grows up thicker and more competitive, there's less room for troublesome weeds to interfere. Cutless also helps crowd out *Poa annua* for conversion to a more desirable turfgrass such as bentgrass.

Find out more about giving your course more playability with Cutless. See your Elanco distributor. Or for a free brochure, call toll-free: **1-800-352-6776**.

Elanco Products Company
A Division of Eli Lilly
and Company
Dept. EM-455, Indianapolis, IN 46285 U.S.A.
Cutless®—(flurprimidol, Elanco)



Circle No. 801 on Reader Inquiry Card

Common and Trade Names of Warm-Season Turfgrass Herbicides (cont.)

Common Name	Company	Trade Name and Formulation ¹
DCPA	Fermenta	Dacthal 75W
dicamba	Sandoz PBI/Gordon	Banvel 4 lbs./gal. Dicamba 4, 4 lbs./gal.
DSMA	Interag, Vineland, Others	Numerous trade names and formulations are available.
ethofumesate	Nor-Am	Prograss 1.5EC
fenarimol	Elanco	Rubigan 50W, 1AS
glyphosate	Monsanto	Roundup 4 lbs./gal.
imazaquin	Lesco	Image 1.5 lbs./gal.
MCPA	PBI/Gordon	MCPA 4 lbs./gal.
MCPA + MCPP	Riverdale	Weedestroy Triamine II
+ dichlorprop MCPP	Royalgard Rhone-Poulenc PBI/Gordon Lesco	Sabre Turf Herbicide MCPP 2 lbs./gal. Mecomec 4 4 lbs./gal. Lescepex 2.5 lbs./gal.
MCPP + 2,4-D + dicamba	PBI/Gordon	Trimec Southern
metribuzin MSMA	Mobay Fermenta, Platte, others	Sencor Turf 75W Numerous trade names and formulations are available.
napropamide	Lesco ICI	Devrinol 5-G Ornamental Devrinol 50WP, 5G
oryzalin	Elanco	Surflan 4AS
oxadiazon	Rhone-Poulenc	Ronstar 2G
pendimethalin	Lesco Scotts	PRE-M 60DG Southern Weedgrass Control 2.45G, Turf Weedgrass Control 1.71G, Weedgrass Control 60DG
pronamide	Rohm-Haas	Kerb 50W
sethoxydim	BASF	Poast 1.5 lbs./gal.
simazine	Ciba-Geigy	Princep 80W, 4L, 90DG, 4G