

Fine Fescue for Sure



Alone or in a mixture, Oregon fine fescue rates another look

When a turf area thrives around trees; requires relatively little water, fertilizer and sunlight, yet maintains a picture perfect appearance, it's fine fescue. If it germinates and performs better than imported varieties, it's *Oregon grown* fine fescue. If it's found in parks, golf courses, home lawns, industrial campuses and anywhere a fine textured turf is desired, it's *Oregon grown* fine fescue *for sure!*

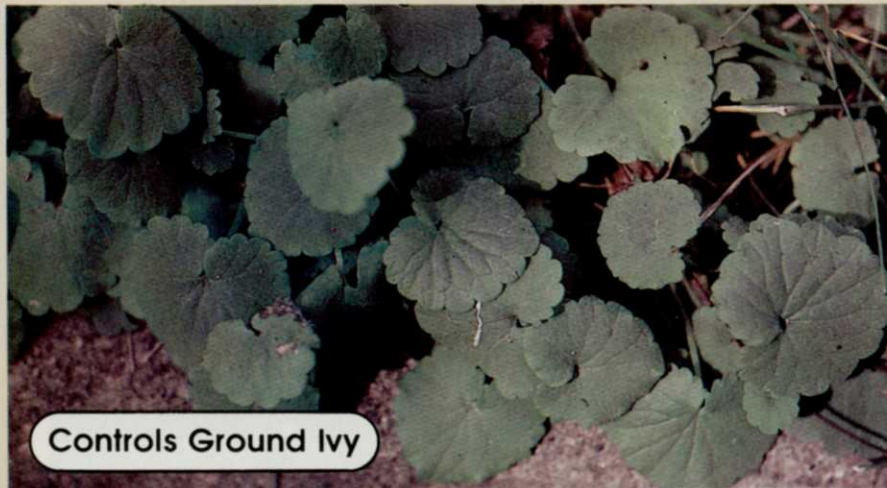
For a series of eight tech sheets on Oregon grown chewings and creeping red fescues, call or write



OREGON FINE FESCUE COMMISSION

2140 Turner Road SE
Salem, OR 97302
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You're Invited New Trimec[®]



We want to send you a free sample that will cover more than 10,000 square feet. You will see for yourself why this new generation of Trimec Turf Herbicide is called the Problem Solver.

- Controls Spurge, Oxalis, Ground Ivy, and other hard-to-control weeds.
- Rapid, visible effect in early-season or late-season cool weather.
- Minimum hazard to nearby flowers and ornamentals.

When turf professionals talk — PBI/Gordon listens.

Lawn Care Applicators told us that a major problem they have is achieving rapid, visible response from the treatment of broadleaf weeds in cool weather ... especially on those lawns which are first on the schedule at the start of the year and thus are sprayed very early in the season, before the weeds are growing vigorously.

Of course, they get total control with regular Trimec in cool weather; but, because Trimec is so thorough, it takes a little time for it to translocate throughout the

to Test the Turf Ester



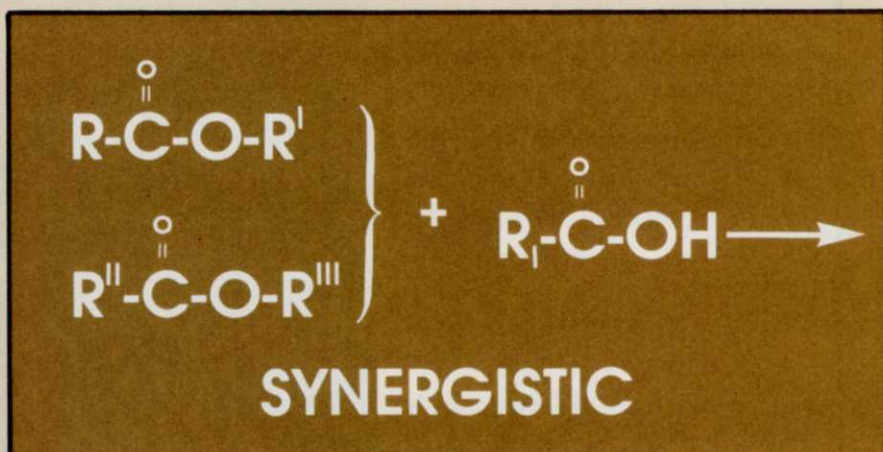
root system and result in total kill.

It's difficult to explain this time lag to some homeowners. They want to see those dandelions curl up right now, regardless of the temperature.

Trimec Turf Ester answers the problem. It produces very quick response. The customer likes that, and it keeps him off the telephone complaining that nothing has happened to his weeds.

Groundskeepers told us they wanted to control super-tough weeds like Spurge, Oxalis and Ground Ivy with one application.

Trimec Turf Ester will do the job. Even on Spurge that has hardened off in hot weather. The ester penetrates right through the tough, hardened-off cuticle and gets into the circulatory system of the plant, resulting in positive kill.



How we put Trimec Turf Ester together is, of course, a trade secret; but the chemical explanation above will immediately give you an indication of its remarkable power. You'll note that it is a unique combination of different

esters with the ability to form a complex with dicamba, resulting in the most efficient broadleaf herbicide we have yet developed. Aren't you just itching to try it? Pick up your phone now and request your sample.

Read what a turf pro has to say

Consider the experience of a prominent golf course superintendent in Southern California.

He had Spurge and Oxalis in his Bermuda lawn. He applied Trimec Turf Ester in 107-degree weather. It discolored the Bermuda for a brief time, but it came right back — minus the Spurge and Oxalis.

Furthermore, he sprayed within 12 inches of a strawberry bed without doing any damage whatsoever.

Obviously, we don't recommend spraying Trimec Turf Ester in 107-degree weather; we don't recommend it for warm-weather grasses; and we certainly don't recommend spraying that close to a strawberry bed — but it does give you an indication that Trimec Turf Ester is indeed a remarkable

product. Actually, it's more than that ... it's the most significant breakthrough in weed control since the introduction of Trimec itself.

Accept a free sample

We are eager for every turf professional to test Trimec Turf Ester. Simply write us a letter or call us toll-free requesting a sample, and we will send you enough Trimec Turf Ester to cover 10,000 square feet.

**Toll-free 1-800-821-7925
In Missouri 1-800-892-7281**

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Illahe

Nestled in the shadow of Mt. Hood, a Salem country club is becoming more picturesque and efficient with Bill Swancutt's renovations

by **Maureen Hrehocik**,
managing editor

Renovation tops Bill Swancutt's list of priorities for his Salem, OR, course, Illahe. The superintendent of the 18-hole, private course who's Indian name means "country" or "place," says the William Bell design has caused some problems that he is working on correcting. Rebuilding tees are a top priority.

"Some of the tees have settled and we're in the process of rebuilding those," Swancutt said. "We've also worked on hole No. 4 which is a par 5 hole."

Other changes aren't as drastic. Off the first and the tenth tee there is an 80-foot drop to the fairway.

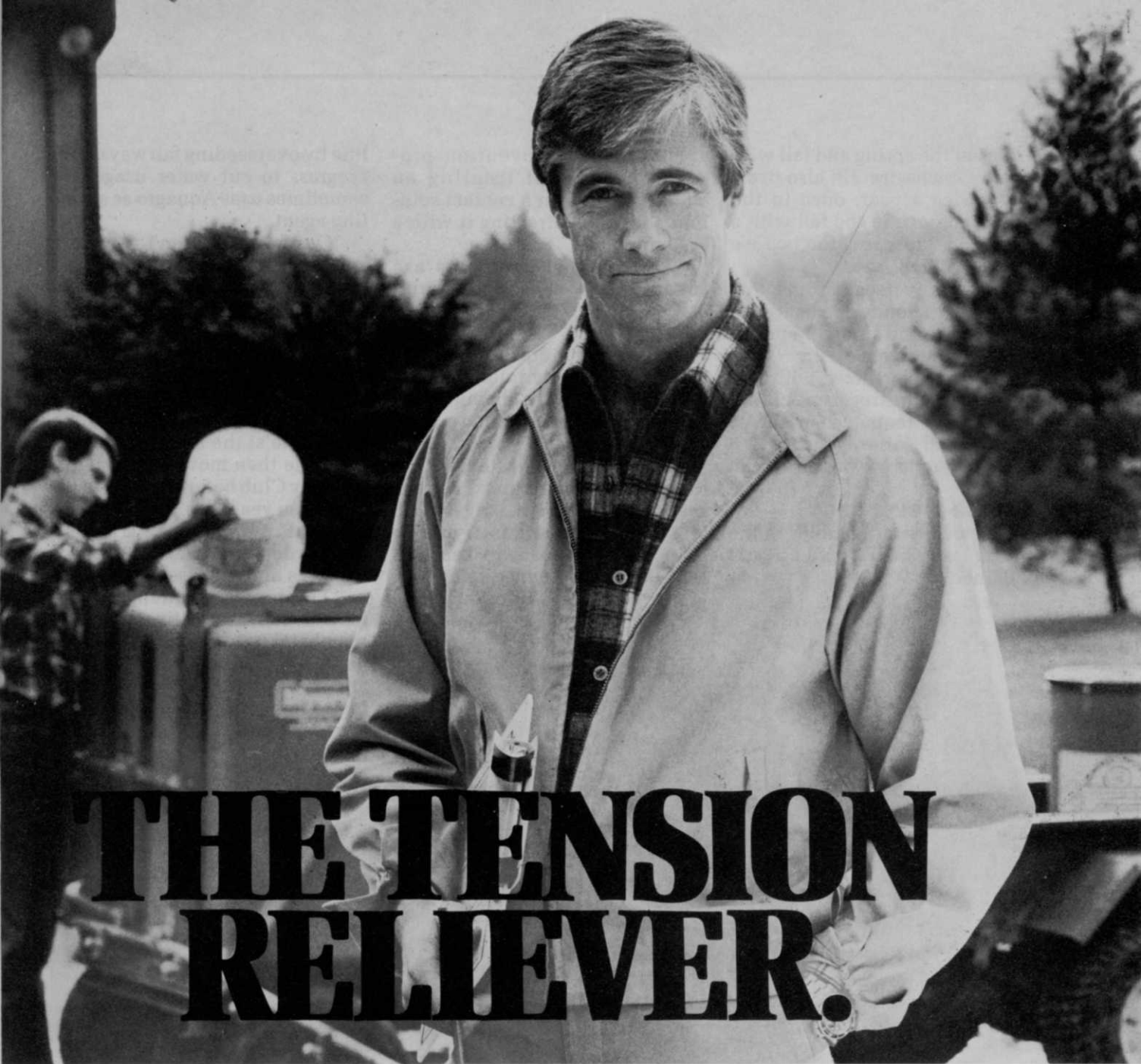
"It's very hard to keep mowed," Swancutt said. "I'm going to try using Embark (growth regulator) to keep the turf under control. I've used growth regulators before and they worked well."

Swancutt also uses Toro Turf Pro 84 triplex mowers on his predominantly annual bluegrass course and says the time they save is worth the extra cost to him. He likes the idea of being able to add attachments to the machines.

Greens are mowed six times a week at 1/8 inch; fairways are mowed three to four times a week at 5/8 inch depending on conditions; tees are also mowed three to four times a week at 4/16 inch. He



The first and tenth tees drop 80 feet to the fairway. Swancutt is eager to try growth regulators on the slope because of its inaccessibility.



THE TENSION RELIEVER.

You can worry about turf problems caused by too much or too little water, or you can use AQUA-GRO, the water

AQUA-GRO[®] management tool. AQUA-GRO is a blend of non-ionic organic wetting agents, 100% active ingredient with residual effectiveness in all soils.

AQUA-GRO ELIMINATES LOCALIZED DRY SPOTS ...AND COMPACTION.

AQUA-GRO is the specially formulated wetting agent that reduces water surface tension ensuring faster, more uniform

penetration and drainage, through hard-to-wet soils and thatch.

AQUA-GRO also relieves compaction by improving water penetration, drainage and aeration in high traffic areas. There's less need to aerify, or resort to costly rebuilding.

AQUA-GRO INCREASES FERTILIZER AND PESTICIDE ACTIVITY.

You get more from your turf chemical investment with AQUA-GRO. Turf chemicals are uniformly distributed throughout AQUA-GRO treated soils, so chemicals are used by plants more efficiently. And

AQUA-GRO helps turf chemicals penetrate thatch.

AQUA-GRO REDUCES WATERING COSTS 30-50%.

AQUA-GRO reduces irrigation costs, because water is used more efficiently. There's less run-off and less evaporation... you use less water, plants get more. AQUA-GRO helps you get your turf through the hottest weather. And AQUA-GRO lasts, because it won't leach.

Let AQUA-GRO relieve your tension. Available in liquid concentrate or spreadable granular formulations from your AQUA-GRO distributor.



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JANUARY 1984/WEEDS TREES & TURF 55

aerifies in the spring and fall with a Ryan Greensaire. He also overseeds twice a year, once in the spring and once in the fall with a CBS blend, "to stress the poa we have," Swancutt says.

Tees are overseeded and top-dressed with Penneagle bentgrass in the spring and summer and are aerified once a year.

Greens are fertilized with 6 to 6.5 pounds of nitrogen per thousand square feet; tees with 3.5 pounds and fairways with 2.8 pounds. Roughs are not fertilized.

Disease prevention

"I use more water solubles in the spring and fall," Swancutt explained.

His disease prevention program consists of treating an affected area with a contact solution and then retreating it with a systemic.

"Our biggest problems are fusarium in the winter and anthracnose in the summer," he said.

He contracts out all spraying "that way we only interrupt play for a day. I don't use chemicals for poa control because it's too expensive."

Fairways are irrigated with a Rainbird automatic maxi control system. Roughs are irrigated 35 feet out. Swancutt is trying to reduce his expenses to keep his \$200,000 maintenance budget in

line by overseeding fairways with ryegrass to cut water usage. He sometimes uses Aquagro as a wetting agent.

"Our fairways aren't real wide and we don't mow all the way up to the tees so that saves time," he said.

Challenges

Swancutt graduated from Oregon State in 1976 with a degree in agronomy. He worked part-time for awhile at the Eugene Country Club. He then moved to Tualatin Country Club before coming to Illahe three years ago. He is a member of the Golf Course Superintendents Association of America and the Oregon GCSA.

"The biggest challenge I face here is communicating with the membership," Swancutt said. "I have a good rapport with the greens committee and we discuss improvements to the course. We have a long list of priorities for improvements." **WT&T**



Part of Swancutt's renovation project - rebuilding a sand trap.



Bill Swancutt, superintendent of Illahe Country Club, Salem, OR.

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REGALSTAR™ is a unique innovative formulation of two selective herbicides, RONSTAR¹ and BALAN² impregnated on slow-release NITROFORM³ (Nitrogen). REGALSTAR applied at a rate of 200 lbs./acre supplies 2 lbs. of RONSTAR and 1 lb. BALAN.

In addition, REGALSTAR provides 76 lbs. nitrogen per acre — all slow-release, non-burning, and long-lasting. With REGALSTAR you receive season-long control of goose-grass, crowfoot, crabgrass, and many other annual weeds. Patents Pending.

RONSTAR and BALAN, in combination with NITROFORM, has exhibited a synergism which provides the most effective, economical results possible in a modern herbicide.

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²BALAN® is a registered trademark of Elanco Products Company.
³NITROFORM® (Nitrogen) is a registered trademark of BFC Chemicals, Inc.

1983 Users Proclaim REGALSTAR™ Results:

In a letter, Wes Brown of Moccasin Bend Golf Club stated, "I can truly say the condition of our fairways, tees, and aprons are a direct result of the application (RegalStar) we made in March 1983. My thanks for your (Regal) urging me to try it one time - I'm hooked." Wes has reordered for 1984.

Try it and you'll be hooked on RegalStar™, also.

RegalStar™, the most economical way to achieve these results or obtain these chemicals.

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Unionization

Whether or not a union is in your best interest depends on several factors for both employer and employee.

by Richard I. Lehr

Unions are not evil.

Some employers have had pleasant, successful working relationships with unions. But, unless an employer is willing to accept the possibility of strikes, boycotts, picketing and, in essence, having the union become a business partner, it is generally advisable to stay union-free.

Unions do not strike most of the time, but an employer never knows whether or not the union he has will be an aggressive, strike-oriented union. Many unions are reasonable to deal with, but an employer has no idea whether or not the union he may end up with will be reasonable or unreasonable. These uncertainties have led most non-union employers to prefer remaining non-union.

Size no concern

Many turf industry employers may regard themselves as too small to be a target for union activity.

Who would want to represent three or five employees? Eighty percent of all union elections are held in small groups, those of 50 employees or less. And though unions may not target these small employers, most union activity occurs because a current employee initiates the contact

with the union. Thus, if a green industry employer is thinking he is immune from union activity because of his size and that a union would not want to fool with such a small employer, he should remember that a union may not contact him, but a disenchanted employee may contact the union. The employer then has a serious problem.

Many turf industry employers may regard themselves as too small to be a target for union activity.



Why unionize?

The reasons for unionization vary from company to company -- so should the approach for preventing unionization. The reasons for most successful unionizations can usually be broken down into:

1 Unreasonable Working Conditions - This is particularly troublesome in the Green Industry in the summer, when most employees must work long hours during hot days. An employer who does not recognize the efforts by employees during such times and express his appreciation for their work, whether it be through

bonuses, another compensation program, or simply communicating that expression verbally, may find that discontent is rising because tempers are short and working conditions are uncomfortable.

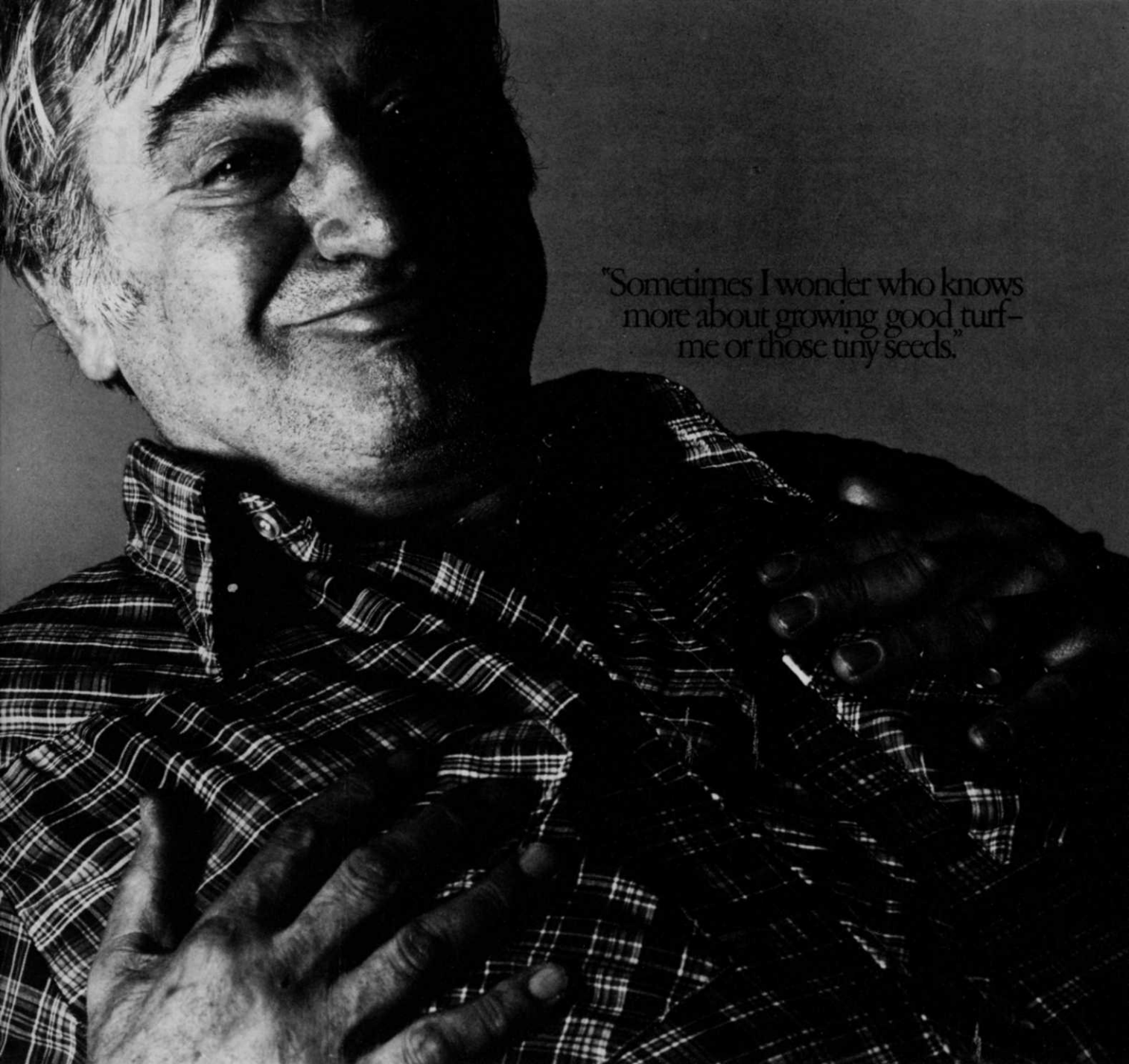
2 Favoritism - Employees who perceive that one individual is treated better than they for reasons unrelated to their job performance, skill or seniority may be attracted to the seniority system and grievance procedure offered by a union. Because many green industry employers are family-owned and managed operations, those employers need to be particularly sensitive about avoiding overt, preferred treatment for family members.

3 Concern for Employees as Individuals and Prompt Response to Employee Problems - The recent economic troubles of our country have heightened individuals' insecurity about their jobs and themselves. Additionally, in many households, it has complicated existing financial or domestic problems.

An employer who knows his employees as individuals can be useful in at least providing a forum for the employees to discuss personnel or business-related problems, even if the employer does not have the answers. Furthermore, this type of relationship promotes a sense of belonging, which is important

continued on page 63

Richard I. Lehr is a labor attorney with the Birmingham, AL, law firm of Sirote, Permutt, Friend, Held & Apolinsky, P.A.



"Sometimes I wonder who knows more about growing good turf—me or those tiny seeds."

It takes a big man to recognize the intelligence in a tiny seed.

But that's what makes today's turf manager tick. He's proud of what he knows and stands in awe of life's eternal secrets.

He can tell good turf just by the way it feels under his soles. But he can't know what the weather's going to do to the ground he planted yesterday.

He may get flooded out. Or maybe Mother Nature will bless his endeavor with a gentle soaking.

That kind of uncertainty can turn a man grey before his time. And it cultivates "wrinkles of character" in his face. Smooth lines that have marked the pleasure

of a good day's work. And narrow creases that show you how hard some of those days have been.

People call it a weathered look. A turf manager just looks at it every morning in the mirror and wonders what the new day will teach him.

To get that grass to sprout and thrive, he may need to know a little something new. Those seeds have all the information they're ever going to get.

Pennfine Perennial Ryegrass covers more ground than any other turfgrass variety in the world. This ad pays tribute to the people who've sown that fifty million pounds of certified Pennfine seed.

What makes the Cushman Grass Grooming System worth the investment:

No mower on the market can match it for price and performance. Nothing cuts, catches and dumps as fast or as economically.

The problem with most mowers is that no matter how fast they cut, your work slows to a turtle's pace when it comes to cleaning up the clippings.

That's why we created the Cushman Grass Grooming System. With it you can cut, catch, dump and resume cutting without interruption.

But, as you are about to learn, the Cushman Grass Grooming System not only lets you do your work faster.

It lets you do your work better.

Engineered for hard work.

At the heart of our Grass Grooming System is the dependable Cushman Front Line™ mower.

And at the heart of the Front Line is a rugged, 18 hp, air-cooled OMC gas engine. It's the only mowing engine built for multi-speed work — lugging power at low speeds, agility at faster speeds.

This proven power plant is complemented by a drive train that's engineered for years of dependable service.

A hydrostatic transmission that gives the driver complete speed control via a rocking foot pedal.

A heavy-duty differential; a fully lubricated PTO shaft; and a high-capacity gear box — all engineered for virtually maintenance-free operation.

And that's just the beginning.

Built to last.

The Front Line is 1200 pounds of gutsy engineering.

Its mowing deck is 12-gauge carbon steel, reinforced, arc-welded and surrounded by a tubular torsion bar system that prevents twisting.

Underneath are 3 blades of machine-sharpened, hot-formed steel.

The floorboard is diamond-plate steel. And the 6-gallon fuel tank is made of terneplated steel.

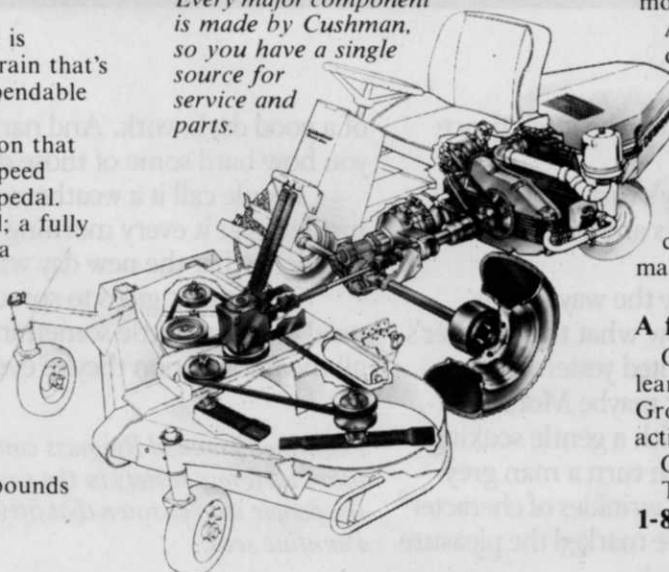
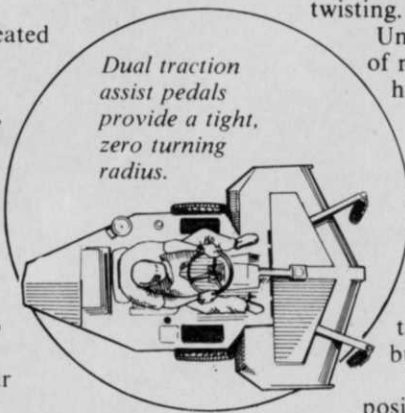
But the Front Line is not just built to last — it's also built for results.

The blades are positioned so that their cutting swaths overlap slightly, leaving no uncut strips of grass.

Dual traction assist pedals give the operator a tight, zero turning radius.

Springs transfer much of the deck weight to the tractor, producing smoother cutting and additional traction on any terrain.

Every major component is made by Cushman, so you have a single source for service and parts.



And while ordinary mowers often "bottom out" over hills and bumps, the Front Line may be equipped with an anti-scalp roller option that keeps the cut clean and even.

The finishing touch.

The Grass Caddy collects up to 16 bushels between dumps.



The innovative Cushman Grass Caddy™ makes the Front Line the world's most labor-saving mower. Mounted to the operator's right, the Grass Caddy collects up to 16 bushels of clippings and debris inside a durable, non-stick polyolefin hopper.

Then, when the hopper is filled, just back the Front Line up to a truck or container, engage the hydraulic control and the Grass Caddy hopper lifts 4½ feet above the ground and dumps.

In seconds, you're back on the turf mowing again. And you've never once left the driver's seat.

The Grass Grooming System is available only from your Cushman Front Line dealer. He's in business for the long haul, with a proven track record of service after the sale and a complete line of professional turf maintenance equipment.

A free demonstration.

Of course, the best way for you to learn about the Cushman Grass Grooming System is to see it in action.

On your grounds.

To do that, just call us toll-free:

1-800-228-4444.