

BEFORE WE DEVELOPED THESE PROBLEM-SOLVING TURFGRASS MIXTURES, WE MARCHED THROUGH ACRES AND ACRES OF PROBLEMS.



Nobody knows the troubles we've seen.

Our Northrup King turf specialists and researchers have hoofed through salt problems, soil compaction, disease, starved turf, baked turf, cleated-to-shreds turf, and dormant winter turf—all depressing sights. But it was a road well worth our travels.

The result is a complete line of Medalist® turfgrass formulas that meet the demands of the professional turf manager.

If you've been staring down at a turf problem, look up your solution here. And if you think it's a turf problem we haven't seen, just let us know.

Our business is putting your problems behind us.



MEDALIST TURF PRODUCT	MAJOR AREAS OF USE	SPECIAL FEATURES
Athletic Pro and Athletic Pro II	For athletic turf.	Well suited for new seeding or overseeding. Fast establishing, traffic tolerant, rapid recovery. Both provide good footing.
Boulevard Mix	Any area with high pH (roadsides, sidewalks, boulevards, alkaline soils, etc.).	Contains 'Fults' and Dawson red fescue for beautiful salt-tolerant turf. Performs at low to high fertility levels.
Landscape Pro Mix	School grounds, cemeteries, golf course roughs, home lawns.	Establishes fast. Adapts to broad range of conditions and management levels. Low to moderate fertility needs.
Overseeder II Mix	Fairways, tees, athletic fields.	Rapid germination and establishment. Withstands heavy traffic and resists diseases. Penetrates compacted soils.
Medalist North Mix	Fairways, tees, cart paths, wear areas.	Quality turf for high traffic areas. Clean mowing and disease resistant.
Premium Sod Blend	Commercial sod production.	Exceptional dark green color. Tolerates light shade. Superior disease resistance. Rapid sod producer.
Renovator Pro Mix	Problem solver for heavy traffic areas (athletic fields, golf tees, and fairways).	Penetrates compacted soils and combats <i>Poa annua</i> . Adaptable to most geographic regions.
Medalist Brand Overseeding Products	Winter overseeding of dormant bermudagrass.	Establishes rapidly and evenly. Tolerates traffic while providing a superior putting surface. Smooth spring transition.

Ask your Northrup King distributor about Medalist Turf Products to solve your turf problems. Or write Northrup King Medalist Turf Products, P.O. Box 959, Minneapolis, MN 55440.

Circle No. 131 on Reader Inquiry Card

The most effective crabgrass

ACTIVE INGREDIENT

Pendimethalin

Take our

Labels of your best pre-emergent crabgrass and goosegrass herbicides have one thing in common. And it can be summed up in a word: *pendimethalin*.

That's because pendimethalin from American Cyanamid is the active ingredient that offers season-long crabgrass and goosegrass control in both warm and cool season turf grasses. And it does it very economically.

But pendimethalin controls more than just crabgrass and goosegrass. One low rate also prevents other tough grassy weeds including foxtail, fall panicum, barnyardgrass and *Poa*

and goosegrass control.

INGREDIENTS:
pendimethalin (N-(1-eth

word for it.

annua. Hard-to-control broadleaf species like oxalis and spurge are also eliminated with the same rate.

What's more, pendimethalin breaks down into the environment. And it doesn't move laterally through the soil. Which means it won't seep into bodies of water or stop vegetation you don't want it to stop. Plus, pendimethalin-based herbicides don't have an offensive odor like some products.

So remember, when you select a herbicide with pendimethalin on the label, you have crabgrass and goosegrass control in the bag. And our word. Always read and follow label directions carefully.

CYANAMID
Agricultural Division
Wayne, NJ 07470
©1987

Circle No. 102 on Reader Inquiry Card

OCTOBER 1987/LANDSCAPE MANAGEMENT 15

Playground design without all the lawsuits

by James Leatzow

Designing playground structures is like begging for a liability problem. Although most landscape architects and contractors have a good grasp of the potential for a major claim resulting from playground work, misunderstandings still exist. Work needs to be done to avoid major litigation concerning playground accidents.

One type of equipment landscapers use is "off-the-shelf" designs. These are sufficient for most playground work done by landscape contractors and architects. The landscaper simply has to specify which equipment would be appropriate. Unfortunately, liability exposure does not stop when the landscaper merely specifies equipment. Recommending equipment is still "professional" exposure (versus a general liability exposure) because it is based on a professional opinion.

Many issues need to be considered when involved with playground, athletic, park and even sports field design and maintenance.

Deep pocket theory

The doctrine of joint and several liability (a real mouthful) is more commonly known as the "deep pocket theory." This doctrine essentially says that an injured person is entitled to recovery regardless of who is at fault. It is possible, therefore, for an injured person to collect from some design professional who may not have had much responsibility for the error that caused the injury, damage or death.

The public has complained most about the deep pocket theory because of what appears to be abuse in many cases. Landscape contractors and architects should investigate the status of joint and several liability in their own state so that they truly understand the potential for their exposures.

Blaming the design

Most lawsuits involving playground situations will try to prove that a faulty design existed. Even if the design appears to be safe by common standards, after a person—usually a child—is injured, the injured party (plaintiff) will try to show that the design was in fact not safe. (How else

could this person have been injured if it were truly safe?)

Once that injury occurs, the landscape architect/designer and manufacturer, as well as the contractor who physically built the playground, will inevitably be called into such a case. Under that scenario, the design professional will have to prove that everything done on that design fell within standards commonly accepted for this type of setting.

To defend himself, the manufacturer will have to show that the equipment design was safe. The landscape architect will have to prove that the same equipment has been used without problem in similar applications and is appropriate for the particular project. For example, you wouldn't place a 10-foot tall slide in a tot lot. The landscape contractor (as the installer) will have to show that the design and equipment were properly installed according to the design/plan and manufacturers' instructions.

Equipment misuse

Children often get hurt by misusing equipment. If an adult gets hurt this way, the landscaper has an excellent chance of successfully defending the design. That defense is of diminishing

You have to 'idiot-proof' your designs by figuring out how equipment might be misused by children.

value, however, with children. In my experience, most courts hold the injured child responsible for their own actions to a limited degree after about age 12. Any younger than that and you can usually count on the court finding the child not responsible for the use of such equipment.

Get it in writing

What does this mean to you? It means you have to "idiot-proof" your designs (the best you can) by figuring out how equipment might be misused by children. You should

be careful in specifying any unusually tall equipment where the potential for a fall would enhance injury. If the client demands such items, then you should be considerably more specific in your written warnings. Write down why you, professionally, find it ill-advised to place such items in a park.

If a client still decides to go forward with an item against your recommendation, then it would be appropriate to have that client sign a statement. It should say that they understand that the decision is not according to your professional opinion of a safe play area. Documentation in all designs is the key to avoiding needless litigation.

If your client changes any aspect of the design, you need to confirm any and all changes in writing. You need not use an attorney for all mundane correspondence. A simple letter stating, "per your instructions, I have made the following changes...I shall assume this is your understanding of the changes as well, unless you notify me otherwise," will work.

Equipment maintenance

The last area to cover is emerging as the newest and most likely target for playground safety litigation. That issue is maintenance.

You should be including statements and instructions for the future maintenance of any soft cushioning material, including replacement. You should also be including specific detail concerning maintenance on the equipment itself such as frequency of checking for missing nuts, bolts, sharp edges, protruding cement and general condition.

In these difficult times, it seems as though everyone is suing everyone for even the most minor situations. By careful thought, documentation, and a large dose of common sense, you can typically avoid being named in the absurd suits. And you will stand an excellent chance of successfully defending yourself in those actions with some merit, assuming you did not, in fact, err.

Good luck and don't get discouraged!

James Leatzow is president of Leatzow & Associates, insurance consultants, Glen Ellyn, Ill. He will be writing regularly on insurance matters for *LANDSCAPE MANAGEMENT*.

TRY TO SEE WINTER THIS WAY



While your competitors are locking up their lawn equipment for the winter months, you can be producing income with yours. Use your equipment to apply Great Salt Lake Minerals & Chemicals deicing products, **QWIKSALT® + PCI®** corrosion control polymer and **FREEZGARD™ + PCI®**, during

the winter. These products are more effective and less corrosive than other deicing products. You can keep roads and parking lots clear of ice and snow, and put money in your pocket while your competition is hibernating. Interested? Simply call (801) 731-3100 for the facts.



Circle No. 119 on Reader Inquiry Card

P.O. Box 1190 • Ogden, Utah 84402 • (801) 731-3100

QWIKSALT® is a registered trademark of Great Salt Lake Minerals & Chemicals Corporation. **FREEZGARD™** is a trademark of Great Salt Lake Minerals & Chemicals Corporation. **PCI®** is a registered trademark of Georgia Pacific Corporation
Great Salt Lake Minerals & Chemicals Corporation. A subsidiary of Gulf Resources & Chemical Corporation.



What The Average Person Considers Big Trouble.

We're not ones to walk away from trouble. But, like you, we do everything we possibly can to avoid it.

So, with a lot of feedback from our Tech Reps, we found a simple, effective way to stop weeds before they even start. Our versatile

pendimethalin preemergent weed control.

Its combination of broadspectrum action, control effectiveness and residual is unsurpassed. And we offer it in dry and liquid applied forms, with or without fertilizer, for greater flexibility.

COVER
STORY



What A Scotts Tech Rep Considers Big Trouble.

Most important, since pendimethalin is so cost-effective, your Scotts Tech Rep can tailor a pre-emergent program to both meet your needs and your budget. So if weeds are threatening

you, try our pendimethalin. It practically scares them away. For more information contact your Scotts Tech Rep or simply call 1-800-543-0006. In Ohio call collect 513-644-2900.





A combine divides freshly cut grass plants into windrows, where they will remain for about two weeks before harvesting.

THE SEED SUPPLY

The bentgrass market is expanding faster than ever.

This year and next, the trend continues at a healthy pace.

by Jeff Sobul, assistant editor

Heavy demand for Tee-2-Green's Penncross and Penn-eagle, long the dominant bentgrass varieties, has left the door open for new varieties from other companies. Though seed yields are up this year, demand is rising to out-match supply.

Despite the development by Penn State's Joe Duich of PennLinks for Tee-2-Green last year, the company has been unable to keep up with increased demand. "We have again increased the supply of Penncross by 50 percent, but demand continues to exceed our supply," laments Bill Rose, president of Tee-2-Green.

The result: a host of new varieties have appeared in the 1980s, mostly last year and this year, with more scheduled for next year.

What's new?

From 1986 through 1988, at least six varieties have been or will be released. Joining PennLinks last year

was SR 1020, from Seed Research of Oregon. Twenty thousand pounds of the variety were produced this year, to be divided among the company's 25 distributors. This will effectively keep commercial availability short. Seed Research also harvested a breeder field of another new variety, Providence (SR 1019), this year, and expects limited supplies in 1988.

Bluegrass giant Jacklin Seed Co. enters the bentgrass market this year with Putter, developed at Washington State University by Stanton Brauen.

"We have been expanding into all turfgrass markets the past several years," notes Doyle Jacklin, vice president and director of marketing. "We've been working on trying to get a bent for seven years.

"Seven years ago, we felt the demand for bents would be increasing, though not as much as it has."

International Seeds, Inc. also is producing a new variety. Called Cobra, it was developed in a cooper-

ative effort between the company and the New Jersey Agricultural Experiment Station. Certified and formation seed is available this year for regional testing and observation. The company expects to have limited commercial quantities of seed in 1988.

But it seems that it will be at least a year or two before production of new varieties will come close to catching up with rising demand.

Sources of demand

One cause of increased demand has been the jump in golf course construction. The first choice for greens and tees for these courses has been bentgrass. Domestic use of bents also has increased greatly. "More and more courses in the Midwest and East are using bentgrass when overseeding fairways instead of the traditional bluegrass/ryegrass mix," Jacklin explains. "Golfers are demanding lower cuts on the fairways and the courses are accom-