1988 ARTICLE INDEX

**Aeration**
Jeff Sobul, June, p. 18

**A herbicide primer**
W. Powell Anderson, January, p. 20

**Aquatic weed control, legislation and**
John E. Gallagher, June, p. 32

**Arizona's landscaping**
June, p. 56

**Athletic field drainage**
Stephen W. Baker, March, p. 68

**Athletic field tips**
December, p. 36

**Bankruptcy and Chapter 11**
Rudd McGary & Ed Wandtke, August, p. 42

**Black layer: the black death**
August, p. 38

**Blacklick Woods Metro Golf Course**
Jeff Sobul, January, p. 52

**Brynwood Country Club**
August, p. 32

**Candlestick Park, Pope visits**
Heide Aungst, March, p. 24

**Cavotta's Cleveland**
Heide Aungst, June, p. 49

**Compact tractors**
Ken Moehle, October, p. 30, November, p. 34

**Corporate structure**
Rudd McGary & Ed Wandtke, March, p. 64

**Deer Creek Golf Course**
December, p. 22

**Diseases of cool-season turf**
Noel Jackson, May, p. 48

**Diseases of warm-season turf**
Robert Haygood & Walker Miller, June, p. 21

**Diversifying your business**
Rudd McGary & Ed Wandtke, July, p. 44

**Drought resistance**
Jeff Nuss, January, p. 32

**Engine irregularities**
John Peterson, July, p. 30

**Equipment tracking**
Jay Holtzman, November, p. 37

**Fertilization, new concepts in turf**
John R. Street, February, p. 21

**Fertilizers and soil fertility**
Bill Bedrossian, August, p. 46

**Finescues**
C.R. Skogley, July, p. 24

**Golf course recovery**
Jeff Sobul, January, p. 64

**Green speed: not too fast**
Jeff Sobul, May, p. 34

**Growing too fast**
Rudd McGary & Ed Wandtke, February, p. 82

**Growth regulators for poa control**
Terry McKiver, December, p. 28

**Growth regulators for trees and shrubs**
Thomas J. Banko & Marcia Stefani, September, p. 45

**Insect control, cool-season**
Harry D. Niemczyk, May, p. 40

**Insect control, warm-season**
Patricia Cobb, April, p. 60

**Insecticides, soil-applied systemic**
Whitney S. Cranshaw, June, p. 38

**Insurance talk**
James H. Leatzow, February, p. 76

**Irrigation economics**
Jeff Sobul, June, p. 46

**Landscape manager of the year**
November, p. 48

**Lawn care: the customer as king**
Will Perry, November, p. 28

**Lawngrasses**
Eliot C. Roberts, May, p. 40

**Lawsuits, keys to avoiding recreation**
Jim Leatzow, August, p. 54

**Lawsuits, small business and**
Edward R. Court, November, p. 60

**Layoffs, the cost of**
Rudd McGary & Ed Wandtke, November, p. 55

**Library, a landscapers' home**
September, p. 28

**Lion Landscaping**
Jerry Roche, December, p. 42

**Management committees**
Rudd McGary & Ed Wandtke, January, p. 30

**Mowers: using the right tool**
April, p. 24

**Mulkmern Landscaping**
Heide Aungst, February, p. 30

**Old Marsh Golf Club**
January, p. 44

**Ornamental grasses**
Jeff Sobul, March, p. 76

**Overseeding, winter**
A.R. Mazur, October, p. 52

**Part-time help**
Rudd McGary & Ed Wandtke, June, p. 72

**Poa annua problems**
Eliot Roberts, December, p. 30

**Perennial gardens**
Ann Reilly, March, p. 42

**Poa, putting it in its place**
July, p. 40

**Preston Country Club**
Carl Kovac, December, p. 38

**Rights-of-way: safe track record**
July, p. 38

**Seed blends**
Will Perry, August, p. 24

**Seed report: so demanding**
Jerry Roche & Jeff Sobul, October, p. 36

**Snow: clearing profits**
Jerry Roche, November, p. 44

**Soil management**
Paul E. Rieke, April, p. 74

---

**Circle No. 121 on Reader Inquiry Card**
Spanish Bay
January, p. 58

Spin-grinding real blades
Roger Rosanquist, March, p. 34

String trimmers
Jeff Sobul, April, p. 50

Sulfur in turf management
Nick Christians, March, p. 84

Super Bowl XXIII: super turf
Heide Aungst, April, p. 16

Tax planning
Mark E. Battersby, March, p. 50

Thatch
A.J. Turgeon, March, p. 58

Time management
Rudd McGary & Ed Wandtke, April, p. 70

Top 50 landscapers
Jeff Sobul, February, p. 22

Tree and shrub health problems
Terry A. Tatter, February, p. 70

Trees, measuring water stress of urban
Bruce R. Roberts, June, p. 64

Utility vehicles
October, p. 60

Valuing your company
Rudd McGary & Ed Wandtke, May, p. 56

Water, effluent
Jeff Sobul, November, p. 50

Water, turfgrass culture and
David Minner, February, p. 60

Water use, turf
Robert Shearman, March, p. 30

Weed control, post-emergence in cool-
season turf
Bill Lewis, April, p. 34

Weed control, post-emergence in warm-
season turf
Tim R. Murphy, April, p. 38

Weed control, pre-emergence in cool-
season turf
Prasanta C. Bhowmik, February, p. 52

Weed control, pre-emergence in warm-
season turf
Clyde Elmore, February, p. 56

CONTRIBUTING AUTHORS

Anderson, W. Powell, Ph.D.
A herbicide primer, January, p. 20

Baker, Stephen W.
Athletic field drainage, March, p. 68

Banko, Thomas J., Ph.D.
Growth regulators for trees and shrubs,
October, p. 45

Battersby, Mark E.
Deadline tax planning, March, p. 50

Bedrossian, Bill
Sod fertility and fertilizers, August, p. 46

Bhowmik, Prasanta C., Ph.D.
Pre-emergence weed control in cool-season turf,
February, p. 52

Christians, Nick, Ph.D.
Sulfur in turf management, March, p. 84

Cobb, Patricie, Ph.D.
Warm-season insect control, April, p. 60

Court, Edward R.
Small business and lawsuits, November, p. 60

Elmore, Clyde, Ph.D.
Pre-emergence weed control in warm-season turf,
February, p. 56

Gallagher, John E.
Legislation and aquatic weed control, June, p. 32

Hall, John R. III, Ph.D.
Cool-season calendar for Athletic fields,
January, p. 26

Haygood, Robert, Ph.D.
Diseases of warm-season turf, June, p. 21

Holtzman, Jay
Equipment tracking, November, p. 37

Jackson, Noel, Ph.D.
Diseases of cool-season turf, May, p. 48

Kovac, Carl
Preston Country Club, December, p. 38

Leatzo, James H.
It’s a jungle out there, February, p. 76

Keys to avoiding recreation lawsuits,
August, p. 54

Lewis, Bill, Ph.D.
Post-emergence weed control in cool-season turf,
April, p. 34

Mazur, A.R., Ph.D.
Winter overseeding, October, p. 52

McGary, Rudd, Ph.D.
Management committees, Jan., p. 80; How fast
is too fast?, February, p. 82; Corporate
structure, March, p. 64; The time machine,
April, p. 70; Valuing your company, May, p. 56; Dealing
with part-time help, June, p. 72; Diversifying your
business, July, p. 44; Down but not out, August,
p. 42; The cost of layoffs, November, p. 58

Miller, Walker, Ph.D.
Diseases of warm-season turf, June, p. 21

Minner, David, Ph.D.
Turfgrass culture and water use, February, p. 60

Moohie, Ken
Compact tractors, October, p. 30,
November, p. 34

Murphy, Tim R., Ph.D.
Post-emergence weed control in warm-season turf,
April, p. 38

Niemczyk, Harry D., Ph.D.
Cool-season insect control, May, p. 25

Nuss, Jeff, Ph.D.
Turfgrass drought resistance, January, p. 32

Peterson, John
Engine irregularities, July, p. 30

Reilly, Ann
Perennial gardens, March, p. 42

Rieke, Paul E., Ph.D.
Soil management, April, p. 74

Roberts, Bruce R., Ph.D.
Measuring water stress of urban trees,
June, p. 64

Roberts, Elliot, Ph.D.
Lawngrasses, May, p. 40

Poa annua problems, December, p. 30

Rosenquist, Roger
Spin-grinding real blades, March, p. 34

Shearmann, Robert, Ph.D.
Turfgrass water use, March, p. 30

Skogley, C.R., Ph.D.
Why fine fescues?, July, p. 24

Stefani, Marcia
Growth regulators for trees and shrubs,
October, p. 45

Street, John R., Ph.D.
New concepts in turf fertilization, February, p. 38

Tatter, Tarry A., Ph.D.
Tree and shrub health problems, February, p. 70

Turgeon, A.J., Ph.D.
Coastal turf, March, p. 58

Wandtke, Ed
Management committees, Jan., p. 80; How fast
is too fast?, February, p. 82; Corporate
structure, March, p. 64; The time machine,
April, p. 70; Valuing your company, May, p. 56; Dealing
with part-time help, June, p. 72; Diversifying your
business, July, p. 44; Down but not out, August,
p. 42; The cost of layoffs, November, p. 58

Now you can cut mulching time
by up to 75%. And get excellent
coverage that significantly
improves moisture retention
and germination.

All with the Goossen Bale
Chopper. Our “Mulching Solution.”

For complete details, call Goossen
Industries:
Toll-free 1-800-228-6542
(In Nebraska: 402-228-4226)

Goossen Industries
P.O. Box 705 • Beatrice, Nebraska 68310

Circle No. 123 on Reader Inquiry Card

Circle No. 169 on Reader Inquiry Card

VERTI-DRAIN®
Works like a pitchfork, only better!

It’s amazing how simple the principle is
and how well it restores severely
compacted turf. Greens, fairways, sports
fields—anywhere you want to promote
better root structure.

Our deep tine aerators go
deeper than any others—10”,
12” up to 16” deep. And our
patented process that shatters and
lifts the turf like a pitchfork
can’t be duplicated. That’s why world-wide
VERTI-DRAIN is the
recognized leader. See
it for yourself.

Call or write for our free
literature, videotape
or a demonstration
near you.

VERTI-DRAIN®
415 Washington Avenue, Scranton, PA 18503
717-961-6120

Circle No. 169 on Reader Inquiry Card

100 LANDSCAPE MANAGEMENT/JANUARY 1989