

WEEDS TREES & TURF

1979 INDEX

KEY: Feature Article (fa), Vegetation Management (vm), Pro-
scope Answer (p)

A	
African Savannah, Asian Swamps Make California Zoo Home (fa)	Jan. 34
Agitation Effective For Wettable Powders (vm)	Apr. 76
Anti-desiccation For Winter Protection (vm)	Mar. 78
Applicators Must Know Mixing Basics, Professional by Paul A. Sartoretto, Ph.D. (fa) ..	Mar. 24
Aquatic Herbicides Designed for Environmental Compatibility by James C. Schmidt (fa)	Jun. 42
Aquatic Herbicides, Water Management Report Supports Increased Use Of (fa)	Sep. 20
Asplundh Is Large Part Of Right-Of-Way History (fa)	Feb. 54
Athletic Field Construction Procedures, New Jersey Turfgrass Expo '78 Emphasis On Turf Production by Dr. H. W. Indyk (fa) Jan.	42
Award Winners, Contractors Describe Projects Chosen as 1979 by Bruce F. Shank (fa)	Mar. 24
B	
Bagworms, Effective Chemical Control (vm)	Mar. 78
Bark To Split On Newly Planted Trees, What Causes (vm)	Sep. 94
Baseball Field In The West, How To Prepare And Maintain A (fa)	Feb. 27
Beetle Control: Biological And Chemical, Japanese (fa)	Apr. 62
Bentgrass Establishment On High Sand Greens (p)	Jan. 54
Bermudagrass Out Of A Bluegrass Lawn, How Do You Keep (vm)	May 60
Bird Pest Control By Trimming Favorite Trees Shown Effective (fa)	May 28
Bluegrass Control With Posan, Annual (p)	Mar. 84
Bluegrass (Kentucky), For Shaded Areas (vm)	Sep. 94
Brush Control Around Pine & Spruce Trees (vm)	Mar. 78
C	
California Landscaper Nurtures Plants In Urban Environment (fa)	Mar. 62
Chain Saw Use Linked To Technique, Size (fa)	Aug. 16
Chestnut Blight, Solving The Problem (vm)	Aug. 41
Compost Mix, Wood Chips and Sludge Form Rich by John A. Kerr (fa)	Sep. 14
Contractors Describe Projects Chosen as 1979 Award Winners by Bruce F. Shank (fa)	Oct. 29
Crabgrass, Effectiveness of Preemergent	Jan. 52
Herbicides (vm)	Mar. 78
Cultivar Performance In Sod Blends And Mixtures by Robert W. Schery (fa)	Feb. 16
D	
Devrinol, Information On (vm)	Jun. 68
Disease, Causes of Environmental, Symptoms And Conditions Of Environmental	

Tree Disease by Eugene P. Van Arsdel (fa)	Jun. 16
Disease, Symptoms And Conditions Of Environment Tree by Eugene P. Van Arsdel (fa)	Jun. 16
Di-System For Leaf Miner Control (vm)	Oct. 45
(Dormancy) Is It Possible To Rejuvenate Turfgrass	Oct. 45
Drainage Tubing, Considerations For Use Of Corrugated (fa)	Mar. 16
Dutch Elm Disease, Are Tulip And Basswood Trees Susceptible To (vm)	Sep. 94
Dutch Elm Disease Control (vm)	Aug. 41
Dye Product Can Be Mixed With Trimec Weedkiller, What Green (vm)	Apr. 76

E	
Energy Crisis, How Will It Effect The Future Of The Industry (p)	May 64
Engine Ailments For Prevention And Correction, Analyzing by Paul Scholten (fa)	Jul. 20
Engine Maintenance Needs, Rings And Pistons Indicate by Paul Scholten (fa)	Aug. 38
Engines, Selection for Pump Systems (fa)	Dec. 29
(Equipment) Fall Is the Time To Review Or Begin Preventative Maintenance Program by Philip A. Taylor (fa)	Oct. 36
Equipment Maintenance, Making The Most Of by Bruce F. Shank (fa)	Jun. 39
Euonymous Scale, Chemical Control Of (vm)	Oct. 45
Evergreen, Products That Inhibit Growth (vm)	Jun. 70
Evergreen Shrubs That Can Be Used As A Screen And Will Tolerate Shady Conditions (vm)	Oct. 45

F	
Fall Plantings, Protecting from Winter Damage by Maria T. Cinque (fa)	Nov. 14
Fertilization, Liquids Opposed To Granular (vm)	Aug. 41
Fertilization Of Athletic Fields, New Jersey Turfgrass Expo '78 Emphasis On Turf Production by Jerry Hutchinson (fa)	Jan. 42
(Fertilizer) How Does IBDU Fine Differ From Powdered Ureaform (vm)	May 60
Fertilizer, Sulphur-Coated Slow-Release, Changes In The Soil (vm)	Jul. 32
Fertilizers Do Not Promote Root Growth, Is It True That Liquid (vm)	Apr. 76
Fertilizers, How They Work (vm)	Dec. 38
Fertilizing A Large Number Of Trees, Is There A Machine Or System (vm)	Sep. 95
Fertilizing Newly Planted Trees (vm)	Sep. 95
Future, Green Industry (fa)	Dec. 32

G	
GCSAA Winter Conference Report Sessions, Show Drew Over 6,000 (fa)	Mar. 57
Galls, Oak Trees Covered With (vm)	Jul. 32
Geochemical Factors Affecting Plant Growth In Reclamation by W. Clark Ashby, William C. Hood, and Mary L. Guerke (fa)	Apr. 28
Graft Incompatibilities (vm)	Jul. 32
Greens, How To Encourage Deep Rooting Of (p)	Jan. 54

Greenskeepers Preserve Natural Challenge	
Of Courses Scottish by Stan Metsker (fa)	Mar. 48
Groundcovers and Shrubs That Are Salt Tolerant (vm)	Jul. 32
Groundcovers Provide Alternative To Turfgrass In Landscaping by Donald H. Steinegger & Kim W. Todd (fa)	May 38
Growth Regulators Accentuated By Rising Costs by R. P. Freeborg (fa)	Aug. 25
Growth Regulators Pros And Cons, Penn State Tests Reveal by Thomas L. Watschke (fa)	Aug. 32
Growth Regulators, Suburban Mowing Efficiency Improved by (fa)	Feb. 60
Growth Retardants For Ivy (vm)	Jun. 68
(Growth Retardants) Products That Inhibit Growth On Broad Leaf Evergreens (vm)	Jun. 70

H

(Herbicide) What Post-emergent Control Can Be Applied Without Injury To Desirable Turfgrass (vm)	May 60
Herbicides Designed For Environmental Compatibility, Aquatic by James C. Schmidt (fa)	Jun. 42
(Herbicides) Postemergents Available For Control Of Nutsedge In Turf by John A. Jagschitz (fa)	May 46
Herbicides, Timing, Rate Are Critical For Preemergence by Robert C. Shearman, Ph.D. (fa)	Mar. 39
Herbicides, Water Management Report Supports Increased Use of Aquatic (fa)	Sep. 20
Hydraulic Seeding, Clearing Up Mysteries Will Aid Growth Of, by Bruce F. Shank (fa)	May 32

I

(IPM) Integrated Control Strategies Established For Tree Insects by David G. Nielson, Ph.d. (fa)	May 20
Insurance Purposes, How To Appraise Trees and Plants For (fa)	Jan. 24
Irrigation Benefits, Michigan Nurseryman Boasts Of Trickle by Dan Hager (fa)	Feb. 63
Irrigation, Conference Presents Information On Wastewater Irrigation (fa)	Jan. 49
(Irrigation) Is It Better To Water Turf In Day Or Night (vm)	Oct. 45
Irrigation Renovation Decisions and Maintaining System Efficiency (fa)	Jan. 16

J

Japanese Beetle Control: Biological And Chemical (fa)	Apr. 62
---	---------

L

Landscape Architect Training Correspondence (p)	Mar. 84
Landscape Architecture, List Of Schools Offering (p)	Feb. 72
(Landscape Awards) Contractors Describe Projects Chosen as 1979 Award Winners by Bruce F. Shank (fa)	Oct. 29
Landscape Contracting Business, Are There Any Industry Averages Breaking Out Income and Expenses Within The Landscape Design and (p)	Jun. 72
Landscaper Nurtures Plants In Urban Environment, California (fa)	Mar. 62
Lawn Care Business, A Successful, New Jersey Turfgrass Expo '78 Emphasis On Turf Production by Robert H. Brewster (fa)	Jan. 42
Lawn Disease Problems, New Jersey Turfgrass Expo '78 Emphasis On Turf Production by Dr. Spencer (fa)	Jan. 42

M

Maintenance, Making The Most of Equipment by Bruce F. Shank (fa)	Jun. 39
Maintenance Planning Begins With Good Design, Park by Theodore J. Haskell (fa)	Jan. 28
Maintenance Program, Fall Is The Time To Review Or Begin Preventative by Philip A. Taylor (fa)	Oct. 36
Maple Wilt (vm)	Nov. 28
Moles, Any New Methods To Kill (vm)	Jun. 68
Municipal Managers Compete for Budget Funds (fa)	Nov. 18
Myrtle, Canker and Root Rot (vm)	Nov. 28

N

New Jersey Turfgrass Expo '78 Emphasis On Turf Production (fa)	Jan. 42
Nutsedge In Turf, Postemergents Available For Control Of by John A. Jagschitz (fa)	May 46

O

Oak, Spit Spot (vm)	Nov. 28
Oaks Suffering From Soil Compaction Due To Construction (vm)	Sep. 94
Oil To Sterilize Soil Under Gravel Beds, Crankcase (vm)	Mar. 78
Ornamentals Injured By Cold Winter Weather (vm)	Apr. 76

P

Park Maintenance Planning Begins With Good Design by Theodore J. Haskell (fa)	Jan. 28
Park Supervisors Adjust To Financial Pressures by John Kerr (fa)	Oct. 14
Pipe Location Without Disturbing Large Areas Of Turf (p)	Aug. 43
Poa Annuua, Heat Stress, Not Anthracnose Is Scourge Of, by Houston Couch	Jun. 47
Poison Oak, Control Of (vm)	Apr. 76
Postemergents Available For Control Of Nutsedge In Turf by John A. Jagschitz (fa)	May 46
Preemergence Herbicides, Timing, Rate Are Critical For by Robert C. Shearman, Ph.D.	Mar. 39
Procedures of Pesticide Development, New Jersey Turfgrass Expo '78 Emphasis On Turf Production by Ernie Koch (fa)	Jan. 42
Professional Applicators Must Know Mixing Basics by Paul A. Sartoretto, Ph.d. (fa)	Mar. 24
Pruning, Management of Operation by Harleigh Kemmerer (fa)	Dec 35

R

Railroad Control Are Long Days And Constant Care, Challenges Of (fa)	Sep. 89
Railroad Reclamation Restores Indian Land, Railroad (fa)	Sep. 92
Reclamation, Geochemical Factors Affecting Plant Growth In by W. Clark Ashby, William C. Hood and Mry L. Guerke (fa)	Apr. 28
Reclamation Grass Selection Depends On Combination, Cost (fa)	Jul. 24
(Reclamation) Persistence of Vegetation on Toxic Spoil, by Paul Sutton (fa)	Nov. 22
Reclamation Restores Indian Land, Railroad (fa)	Sep. 92
Rhododendron, What Food Should Be Used (vm)	Aug. 41

Right-Of-Way History, Asplundh Is Large Part Of (fa).....	Feb.	54
Root Disorders, Detection And Correcting Of Tree by Michael J. Walterscheidt, Ph.D. (fa).....	Jun.	31
Ryegrass, Best and Cheapest That Will Grow In Clay Without Watering and Little Mowing (p).....	Jun.	72
Ryegrass, Life Span Of New Turf Type Perennial (p).....	Jun.	72

S

Salt-Tolerant, Shrubs and Groundcovers That Are (vm).....	Jul.	32
Saw, Use Linked To Technique, Size; Safe (fa).....	Aug.	16
Scottish Greenkeepers Preserve Natural Challenge Of Courses by Stan Metsker.....	Mar.	48
Seed Mixtures For Sod Production, New Jersey Turfgrass Expo '78 Emphasis On Turf Production by Dr. C. Reed Funk (fa).....	Jan.	42
Shrubs and Groundcovers That Are Salt Tolerant (vm).....	Jul.	32
Silvex, Can Spreaders Be Cleaned Out After Applying (vm).....	Jul.	32
Snow Mold Left Bare Spots, Should You Put Down Fungicide (vm).....	Apr.	76
Sod Blends and Mixtures, Cultivar Performance In by Robert W. Schery (fa).....	Feb.	16
Sod Field Days Include Visits To Scotts, Princeton (fa).....	Jul.	28
Sod, Reroot After White Grub Damage, Will (vm).....	Aug.	41
Soil Compaction From Foot Traffic (vm).....	Jul.	32
Spruce, (Blue), Browning Needles (vm).....	Jan.	52
Studies of Japanese Beetle Grub Resistance, New Jersey Turfgrass Expo '78 Emphasis on Turf Production by Dr. Sami Ahmad (fa).....	Jan.	42
Sulphur-Coated Slow-Release Fertilizer, Changes In The Soil (vm).....	Jul.	32

T

Tax and Insurance Purposes, How To Appraise Tree and Plants (fa).....	Jan.	24
Thatch Accumulation, Changes In Management Needed Due To by Jack D. Butler (fa).....	Apr.	54
Thatch, Difference With Mat (p).....	Mar.	84
Thatch Information Is Helpful But Controversial, Latest R. C. Shearman (fa).....	Apr.	46
Thatch On Soil Is Both Positive And Negative, Influence Of A. J. Turgeon (fa).....	Apr.	48
Thatch To Disease And Insect Stress, Relationship Of by B. G. Joyner (fa).....	Apr.	50
Tractors, Compact Diesel.....	Nov.	30
Training To Meet Industry Needs, Lake City Community College by John R. Piersol (fa).....	May	54
Transplanting Out Of Season, Precautions For Digging And (fa).....	Aug.	20
Tree, Chemicals To Prevent Crabapples From Falling Off (vm).....	Jun.	68
Tree Disease, Symptoms And Conditions Of Environment by Eugene P. Van Arsdel (fa).....	Jun.	16
Tree Fertilizers, Liquid (vm).....		
Tree Insects, Integrated Control Strategies Established For by David G. Nielsen, Ph.D. (vm).....	May	20

Tree Operation Cultivates Uses For Wood Chips (fa).....	Sep.	16
Tree Rot Disorders, Detection And Correction Of by Michael J. Walterscheidt, Ph.D. (fa).....	Jun.	31
Tree Spikes And It's Effects On Trees (vm).....	Feb.	79
Trees And Plants For Tax And Insurance Purposes, How To Appriase (fa).....	Jan.	24
Trees And Shrubs Recommended For Hardiness In The Northeast (fa).....	Apr.	68
Trees, Chemicals To Eliminate Hard Water Deposit Buildup (vm).....	Jun.	68
Trees, Fertilizing Newly Planted (vm).....	Sep.	94
Trees Planted On Land Fills (vm).....	Mar.	78
Trees, Master Street Plan by Leonard Philips (fa).....	Dec.	18
Trees, Topping (vm).....	Nov.	28
Trees, What Causes Bark To Split On Newly Planted (vm).....	Sep.	94
Turf Areas, Repairing Damaged (vm).....	Jun.	68
Turf Disease Control For Home Owner (p).....	Sep.	96
Turfgrass Expo '78 Emphasis On Turf Production, New Jersey (fa).....	Jan.	42
Turfgrass Insect Control Update, New Jersey Turfgrass Expo '78 Emphasis On Turf Production by Dr. Louis Vasvary (fa).....	Jan.	42
Turfgrass, Is It Possible To Rejuvenate During Hot Summer Months (vm).....	Oct.	45
(Turfgrass) Keys To Managing Zoysia Offered By Missouri's Dunn by George L. Zeis (fa).....	Jul.	17
Turfgrass Transition In Both Spring And Fall, Managing by George M. Kozeinicky (fa).....	Apr.	16
Turf Under Heavy Use, Rehabilitation Of (p).....	Feb.	72
2,4-D In Controlling Dandelions, Using (vm).....	Oct.	45

V

Verticillium In Maple Trees (vm).....	Feb.	79
---------------------------------------	------	----

W

Water Conservation Today, Wetting Agents And Their Role In by Robert A. Moore (fa).....	Jul.	30
Water Management Report Supports Increased Use of Aquatic Herbicides (fa).....	Sep.	20
Water, The Future And Concerns Of Recycled, New Jersey Turfgrass Expo '78 Emphasis On Turf Production by Dr. Harry L. Motto (fa).....	Jan.	42
Weed Control Is Not Just For Specialists, Nonselective (fa).....	Feb.	36
Wetting Agents And Their Role In Water Conservation Today by R. A. Moore (fa).....	Jul.	30
Whitefly, Effective Control (vm).....	May	60
White Grub Damage, Will Sod Reroot (vm).....	Aug.	41
(Wilt) Verticillium In Maple Trees (vm).....	Feb.	79
Winter Damage, Protecting Fall Plantings by Maria T. Cinque (fa).....	Nov.	14
Winter Fertilization Of Lawns, New Jersey Turfgrass Expo '78 Emphasis On Turf Production by Dr. Ralph E. Engel (fa).....	Jan.	42

Z

Zoysia Offered by Missouri's Dunn, Keys To Managing by George L. Zeis (fa).....	Jul.	17
---	------	----

Authors

Ahmad, Sami, Studies of Japanese Beetle Grub Resistance New Jersey Turfgrass Expo '78 Emphasis On Turf Production (fa)	Jan.	42	Kozeinicky, George M., Managing Turfgrass Transition In Both Spring And Fall (fa)	Apr.	17
Ashby, Clark W., Hood, William C., Guerke, Mary L. Geochemical Factors Affecting Plant Growth In Reclamation (fa)	Apr.	28	Metsker, Stan, Scottish Greenkeepers Preserve Natural Challenge of Courses (fa)	Mar.	48
Brewster, Robert H., A Successful Lawn Care Business, New Jersey Turfgrass Expo '78 Emphasis On Turf Production (fa)	Jan.	42	Moore, Robert A., Wetting Agents And Their Role In Water Conservation Today (fa)	Jul.	30
Butler, Jack D., Changes In Management Needed Due To Thatch Accumulation (fa)	Apr.	54	Motto, Harry L., The Future And Concerns Of Recycled Water New Jersey Turfgrass Expo '78 Emphasis On Turf Production (fa)	Jan.	42
Carrow, R. N., Integration Of Control Methods Necessary To Prevent Thatch Buildup (fa)	Apr.	58	Nielson, David G., Ph.D. Integrated Control Strategies Established For Tree Insects (fa)	May	20
Cinque, Maria T., Precautions For Digging And Transplanting Out Of Season (fa)	Aug.	20	Pierson, John R., Lake City Community College: Training To Meet Industry Needs (fa)	Jun.	16
Cinque, Maria, T., Protecting Fall Plantings From Winter Damage (fa)	Nov.	14	Phillips, Leonard, Master Street Tree Planning (fa)	Dec.	18
Couch, Houston B., Heat Stress, Not Anthracnose is Scourge Of Poa Annua (fa)	Jun.	47	Sartoretto, Paul A., Ph.D., Professional Applicator Must Know Mixing Basics (fa)	Mar.	24
Davis, Spencer, Jr., Lawn Disease Problems, New Jersey Turfgrass Expo '78 Emphasis On Turf Production (fa)	Jan.	42	Schery, Dr. Robert W., Cultivar Performance In Sod Blends And Mixtures (fa)	Feb.	16
Engel, Ralph E., Winter Fertilization of Lawns, New Jersey Turfgrass Expo '78 Emphasis On Turf Production (fa)	Jan.	42	Schmidt, James C., Aquatic Herbicides Designed For Environmental Compatibility (fa)	Jun.	42
Freeborg, R. P., Need For Growth Regulators Accentuated By Rising Costs (fa)	Aug.	25	Scholten, Paul, Analyzing Engine Ailments For Prevention And Correction (fa)	Jul.	20
Funk, C. Reed, Seed Mixtures For Sod Production, New Jersey Turfgrass Expo '78 Emphasis On Turf Production (fa)	Jan.	42	Scholten, Paul, Rings And Pistons Indicate Engine Maintenance Needs (fa)	Aug.	38
Hager, Dan, Michigan Nurseryman Boasts Of Trickle Irrigation Benefits (fa)	Feb.	63	Shearman, R. C., Latest Thatch Information Is Helpful But Controversial (fa)	Apr.	46
Haskell, Theodore J., Park Maintenance Planning Begins With Good Design (fa)	Jan.	28	Shearman, Robert C. Ph.D., Timing, Rate Are Critical For Preemergence Herbicides (fa)	Mar.	38
Hutchinson, Jerry, Fertilization of Athletic Fields, New Jersey Turfgrass Expo '78 Emphasis On Turf Production (fa)	Jan.	42	Steinegger, Donald H. and Todd, Kim W., Groundcovers Provide Alternative To Turfgrass In Landscaping (fa)	May	38
Indyk, H. W., Athletic Field Construction Procedures, New Jersey Turfgrass Expo '78 Emphasis On Turf Production (fa)	Jan.	42	Taylor, Philip A., Fall Is The Time To Review Or Begin Preventative Maintenance Program (fa)	Oct.	36
Jagschitz, John A., Postemergents Available For Control Of Nutsedge In Turf (fa)	May	46	Turgeon, A. J., Influence Of Thatch On Soil Is Both Positive And Negative (fa)	Apr.	48
Joyner, B. G., Relationship Of Thatch To Disease An Insect Stress (fa)	Apr.	50	Van Arsdel, Eugene P., Symptoms And Conditions Of Environmental Tree Disease (fa)	Jun.	16
Kemmerer, Harleigh, Managing Pruning Operations (fa)	Dec.	35	Vasvary, Louis, Turfgrass Insect Control Update, New Jersey Turfgrass Expo '78 Emphasis On Turf Production (fa)	Jan.	42
Koch, Ernie, Procedure Of Pesticide Development, New Jersey Turfgrass Expo '78 Emphasis On Turf Production (fa)	Jan.	42	Walterscheidt, Michael J., Ph.D., Detection And Correction Of Tree Root Disorders	Jun.	31
			Watschke, Thomas L., Penn State Tests Reveal Growth Regulator Pros and Cons (fa)	Aug.	32
			Zeis, George L., Keys To Managing Zoysia Offered By Missouri's Dunn (fa)	July.	16

Handy How-To Manuals

Fusarium Blight
Thatch Effects and Control
1980 Buyers' Guide Green Industry Buyers' Guide

Related Fields

Mosquito Control Manual
Mouse Control Manual
Rat Control Manual

Each manual thoroughly covers its topic by input from leading experts. Send \$1.25 per manual to Fran Franzak, Harvest Business Publications, 9800 Detroit Ave., Cleveland, OH 44102. Allow three to four weeks for delivery.