

Urban, Industrial Weed Control, How Allied Biological Control Approaches Problems (fa)	Sept. 16
Utilities' Rights-of-Way, Asplundh Grew Along Electric and Telephone (fa)	Aug. 8
Utility, Weed Control Cost in Long-Season Areas (fa) by Turney J Hernandez (fa)	Feb. 12

V

Vermeer-Big Tree Chippers (fa)	Oct. 8
Village Blacksmith Expands (ns)	Oct. 36
Virginia Turfgrass Council Re-Organizes (cr)	Apr. 33

W

Washington Seed Quality Law Likely Sod Industry Standard (fa)	Sept. 28
Water Pollution and Student Protest (ed)	June 4
Weather Guard Chest Bought By Knaack Mfg. Co. (ns)	Oct. 37
Weed Control, Factors Affecting (cr)	Dec. 20
(Weed Control), Here's An Estimate of Weed Control Cost In Long-Season Areas (fa) by Turney J. Hernandez	Feb. 10
Weed Control, Irrigation Ditch (fa)	Oct. 16
Weed Control, Hydrionic Method (fa)	Oct. 14
Weed Control Research: A Siberian Fish, A Latin Beetle (ns)	Feb. 33
Weed Control, Urban, Industrial, How Allied Weed Control, What's Best in Northwest Reported at Weed Meeting (cr)	Dec. 65
Biological Control Approaches Problem (fa) by Bill Gentry	Sept. 16
Weed Machine, Bill Colburn's (fa)	May 38
(Weeds, Broadleaf), Try These Tips On Using Dicamba and Mecoprop (fa)	Feb. 27
Weed Science Society of America 10th Annual Meeting (cr)	Mar. 44
Weeds, Aquatic & Bank, Research Techniques and Challenges Are Unique (fa) by F. L. Timmons	June 24
Weeds Are Losing the Ditchbanks In Louisiana War (fa)	Apr. 20
Weeds, Look at as Pest Haven, 23rd Annual Report of Southern Weed Science Society (cr)	Mar. 40
WEEDS TREES AND TURF, 2nd National Sod Survey (fa)	Nov. 17
WEEDS TREES AND TURF Surveys Costs of Golf Course Upkeep (fa)	Jan. 22
WTT Popularity Gaining (L)	Dec. 69
WTT, Used Some of Your Ideas (L)	Dec. 69
Weldon, Dr. Lyle (L)	July 38
Weldon, Dr. Lyle, Aquatic Weed Researcher Drowns (o)	Mar. 40
Weldon, Dr. Lyle W., In Memoriam (fa)	June 10
Whitmarsh Gives Poa Heave-Hoa (fa) by Phil Lance	Aug. 26
Wood Chips, Big Tree Chippers (fa)	Oct. 8

Z

(Zoysia), I'll Tell You How We Started A Nursery (fa) by William M. Latta	Jan. 34
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Brinkman, Grover "Land of the Tree Giants"	Jan. 28
Brown, A., "Beauty, Upkeep, Status, Push Turf Irrigation"	Mar. 26
Cortell, Jason M., "The Role of Herbicides"	June 12
Dickson, Edward G., "Large-Area Irrigation"	Mar. 22
Gentry, Bill, "Bill Colburn's Weed Machine"	May 38
Gentry, Bill, "Have Shady Grove — Will Travel"	July 16
Gray, Thorne, "2,4,5-T Issue Phoney, Say Weed Experts"	Apr. 42
Gray, Thorne B., "Where There's Smoke, There's Fire of Protest"	Mar. 32
Gustin, Jr., Ray, "Maintenance: Stepchild of Landscaping"	Aug. 16
Hambric, Robert N., "Beetle Eats Aquatic Weed"	Sept. 14
Hernandez, Turney J., "Here's An Estimate of Weed Control Costs In Long-Season Areas"	Feb. 10
Ingalsbe, Gene, Asplundh Tree Expert Co.	Aug. 8
Ingalsbe, Gene, "Tell 'Em How To Grow YOUR Sod"	Feb. 26
Ingalsbe, Gene, "TurboTrim, Right-of-Way Maintenance With Chemicals"	July 6
Johns, Hyland R., "Seven Important Steps To Prescription Brush Control"	May 22
Juchartz, Donald D., "How Do Your Production Costs Measure Up?"	Oct. 22
Lance, Phil, "Firm Specializes In Tree Care Only, Norman V. Holmes, Inc."	May 18
Lance, Phil, "Whitmarsh Give Poa Heave-Hoa"	Aug. 26
Latta, William M., I'll Tell You How We Started a Zoysia Nursery"	Jan. 34
Lederer, Robert F.	
Markstein, David L., "Prepare for More Inflation"	July 12
Matthews, W. E., "The Tree Scene In Britain"	Aug. 20
Meggitt, W. F., "Chemical Control For Creeping Speedwell" with A. J. Turgeon	July 22
Mills, Jim, "Pesticide Outlook, Will It Be a Year of Throwing Out the Baby With the Wash?"	Dec. 10
Saunders, J. L., "Cooley Spruce Gall Aphid; How to Control"	Jan. 27
Schein, Norman J., "Total Lake Management"	June 18
Schery, Dr. Robert W., "Kentucky Bluegrass: Turfgrass Par Excellence"	Jan. 6
Shopen, J. L., "Accidents and Fires, How Much Profit Are You Losing?"	June 30
Speer, Lou, "Greenbelt Communities"	Nov. 14
Speer, Lou, "It's Still Alive"	Nov. 14
Sorgatz, Ed, "Geigy Uses 'Maxi-Plot' To Introduce Herbicides"	Feb. 17
Taylor, Ross, "Black Mountain Tests Fertilizers and Bentgrasses"	Apr. 24
Timmons, F. L., "Aquatic & Bank Weeds, Research Techniques and Challenges Are Unique"	June 24
Turgeon, A. J., "Chemical Control For Creeping Speedwell" with W. F. Meggitt	July 22
Wright, Robert G., "How He Tries to Make a Profit"	Feb. 16
Woehrl, Ted, "Irrigation by Computer?"	Mar. 18

insect report



TURF INSECTS

FALL ARMYWORM

(*Spodoptera frugiperda*)

ALABAMA: Larval infestations reoccurring in scattered lawns and sports fields in Chilton and Henry counties.

A MARCH FLY

(*Dilophus orbatus*)

CALIFORNIA: Counts of 250 per square yard on dichondra lawns at Rialto, San Bernardino County; at Berkeley, Alameda County; and at Richmond; Contra Costa County. Many homeowners concerned about mass populations of flies entering premises. Unusually abundant this fall.

INSECTS OF ORNAMENTALS

A PYRALID MOTH

(*Hyblaea pueria*)

FLORIDA: Larvae infested all 300 plants of black calabash (*Crescentia* spp.) in nursery at Lauderdale Lakes, Broward County. This is a new host record.

AN APHID

(*Liosomaphis berberidis*)

IDAHO: Nymphs medium on Oregon-grape at Twin Falls County. This is a new state record.

A PIT SCALE

(*Cerococcis dekleyi*)

FLORIDA: Severely infested all 3,090 hibiscus plants in nursery at Miami, Dade County.

TREE INSECTS

DOUGLAS-FIR TUSsock MOTH

(*Hemerocampa pseudotsugata*)

CALIFORNIA: Extensive survey in El Dorado National Forest Oct. 5-9. Infestation light in about 30,000 acres of fir on Baltic Ridge, Plummer Ridge, Alder Ridge, and Iron Mountain, between U.S. Highway 50 and State Highway 88; mostly on Forest Service Lands. Heavy in spots on white fir on Plummer and Baltic Ridges, and Iron Mountain. No virus disease in pupae.

SMALLER EUROPEAN ELM BARK BEETLE

(*Scolytus multistriatus*)

MISSISSIPPI: Moderate on Chinese, American, and winged elms in Hinds County.

LYONETIID MOTHS

(*Bucculatrix* spp.)

MISSISSIPPI: Moderate to heavy on Nuttall oak in Sharkey County. MASSACHUSETTS: *B. ainsliella* (oak skeletonizer) larvae and pupae still causing many complaints statewide.

BLACK TURPENTINE BEETLE

(*Dendroctonus terebrans*)

MISSISSIPPI: Much damage in areas affected by Hurricane Camille, especially in coastal suburbs where heavy equipment removed debris. LOUISIANA: Heavy in large pole-sized loblolly pine in Catahoula District. SOUTH CAROLINA: Heavy infestation on 96,000-acre Sandhills State Forest.

VARIABLE OAK LEAF CATERPILLAR

(*Heterocampa Manteo*)

ARKANSAS: Larvae, mainly this species, secondarily *H. guttivitta* (saddled prominent), and other species, defoliated 2.5 million acres of hardwood. About 1.5 million acres had moderate to heavy defoliation. Oaks most heavily defoliated.