

16. R. Deskin. The Izaak Walton League Meeting, Waldport, OR, April 16, 1981. Oregonians for Food and Shelter, Salem, OR, 1981.
17. B. Hill. Testimony on the Possible Link Between Herbicides and Miscarriages in the Coast Range of Oregon. Forest Subcommittee, Agriculture Committee, U.S. House of Representatives, Hearing Record, May 1979.
18. Report of Assessment of a Field Investigation of Six-Year Spontaneous Abortion Rates in Three Oregon Areas in Relation to Forest 2,4,5-T Spray Practices (Alsea II Report). U.S. Environmental Protection Agency, Feb. 27, 1979.
19. J.N. Bell. What Happened to My Baby? McCalls Magazine, Jan. 1980.
20. A.A. Boraiko. The Pesticide Dilemma. National Geographic Magazine, Feb. 1980, pp. 182-183.
21. S.L. Wagner and others. A Scientific Critique of the EPA Alsea II Study and Report. Oregon State Univ., Corvallis, Oct. 1979.
22. W.P. Cochrane and others. Analysis of Technical and Formulated Products of 2,4-Dichlorophenoxy Acetic Acid for the Presence of Chlorinated Dibenzo-p-Dioxins. Proc., Conference on Dioxins, Rome, Oct. 1980, p. 4.
23. J.D. Griffith. Testimony Under Cross-Examination. In the Matter of the Hearing of 2,4,5-T, U.S. Environmental Protection Agency, FIFRA Docket Nos 415, May 21, 1980, pp. 5802-5803.
24. M.T. Edmunds. Bonnie Hill's Fight Against Herbicide 2,4,5-T. MS Magazine, Feb. 1980, p. 30.
25. E.B. Finch. Instruction to the Witness. In the Matter of the Hearing of 2,4,5-T, U.S. Environmental Protection Agency, FIFRA Docket Nos 415, May 22, 1980, p. 6007.
26. S. Lamm. Direct Testimony. In the Matter of the Hearing of 2,4,5-T, U.S. Environmental Protection Agency, FIFRA Docket Nos 415, Oct. 28, 1980, p. 35.
27. J.M. Newton. An Economic Analysis of Herbicide Use for Intensive Forest Management. Northwest Coalition for Alternatives to Pesticides, Eugene, OR, Dec. 1979.
28. Dr. Mel Reuber, Pathologist, Gets Sharp Censure, Warning from His Superior. Pesticide and Toxic Chemical News, April 15, 1981, pp. 22-23.

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Report from Committee on Roadside Maintenance

The Landmark Reference subcommittee of the Transportation Research Board Committee on Roadside Maintenance, appointed by Committee Chairman Charles Edson in February 1979, included W.M. Gere, South Dakota Department of Transportation, subcommittee chairman; George Romack, Federal Highway Administration (FHWA), Washington, DC; Gerald Rowe, National Park Service, Washington, DC; and Carl Wells, Kentucky Department of Transportation. Allen Childers, Bill Morris, Larry Perkins, Robert Ross, and Laurence Stainton were later added to the initial group to complete the assignment.

Their assignment was to identify the 20 most widely used references that relate to the broad scope of the committee. Identification would result in a state-of-the-art document that includes available references and committee areas of concern.

In July 1979, Chairman Gere requested each member of the Committee on Roadside Maintenance to solicit responses to the task from neighboring agencies. The Chairman was informed that 55 agencies were requested to list the 20 most widely used roadside maintenance references. Although not all agencies responded, the committee felt the response was adequate to provide the following listing (by category) of roadside maintenance references most frequently used.

The committee believes that publication of this information not only provides guidance to individuals newly entering the field, but also provides insight into a mechanism by which technology transfer occurs.

LISTING OF ROADSIDE MAINTENANCE REFERENCES MOST FREQUENTLY USED

Government Agency Manuals, Publications, and Bulletins, Including Research Groups and Associations

Various agency manuals

American Association of State Highway and Transportation Officials (AASHTO) Maintenance Manual, 1976
 Highway Research Information Service (HRIS) responses and National Cooperative Highway Research Program (NCHRP) reports, Transportation Research Board
 Herbicide Handbook of Weed Society of America
 FHWA reports
 Bulletins, U.S. Department of Agriculture (USDA)
 Manual on Uniform Traffic Control Devices
 American Standard for Nursery Stock, American Association of Nurserymen
 Roadside Vegetation Control
 Trees--Yearbook of Agriculture, USDA, 1949
 American Association of State Highway Officials (AASHO) guide for Highway Landscape and Environmental Design, 1970
 Shade Tree Evaluation, International Shade Tree Conference
 Sources of Plants and Related Supplies, American Association of Nurserymen
 Forest Diseases and Insects
 Golden Book Guide on Tree Identification
 Landscape architectural site construction details
 Seeds--Yearbook of Agriculture, USDA, 1961
 Visual Resource Management for Highways
 FHWA Litter Study, 1974
 Turf Managers Handbook
 A Guide to Site and Environmental Planning
 Landscape Design for the Disabled
 The Impact of Highway Systems on Water Quality, The National Highway Institute
 Turf Science, American Society of Agronomy
 Concrete Pipe Field Manual, American Concrete Pipe Association
 Proceedings of the Northwest Weed Science Society
 Planning for Wildlife in Cities and Suburbs, 1978
 Biological services of the U.S. Fish and Wildlife Service

National Electrical Safety Code, U.S. Department of Commerce
 Forages: The Science of Grassland Agriculture, 3rd ed.
 Handbook of Steel Drainage and Highway Construction Products, American Iron and Steel Institute
 American Public Works Association
 Street and Urban Road Maintenance, Public Administrative Services
 Western Fertilizer Handbook, Interstate Printers and Publishers, California Fertilizer Association
 Manual on Accepted Procedure and Practice in Cross Connection Control, Pacific Northwest Section, American Water Works Association
 Important Trees of Eastern Forests, Forest Service, USDA, Southern Region
 Plant Location, Ornamental Growers of Northern Illinois
 Index of Plant Diseases in the United States, USDA, Agriculture Handbook 165, 1960
 Plant Diseases--Yearbook of Agriculture, USDA, 1953
 Forest Nursery Diseases in the United States, Forest Service, USDA, Agriculture Handbook 470, 1975
 Virus Diseases of Stone Fruits in North America, USDA, Agriculture Handbook 10, 1961
 Fireblight: A Bacterial Disease of Rosaceous Plants, USDA, Agriculture Handbook 510, 1979
 Checklist of U.S. Trees, Native and Naturalized, USDA, Agriculture Handbook 541, 1979
 Crabapples of Documented Authentic Origin, USDA, National Arboretum Contribution 2, 1970
 Seeds of Woody Plants in the United States, Forest Service, USDA, Agriculture Handbook 450, 1974
 Manual of the Grasses of the United States, USDA, Miscellaneous Publ. 200, 1950
 Common Poisonous Plants of the Southeastern United States, Air Training Command, Maxwell Air Force Base, Alabama
 Understanding and Using Asphalt Emulsions, The Asphalt Institute
 Proceedings of the Southern Weed Science Society
 Alabama Seed Law--Rules and Regulations, Alabama Department of Agriculture and Industries
 Rules for Testing Seeds, Association of Official Seed Analysis
 Insects--Yearbook of Agriculture, USDA, 1952

Magazines

Weeds, Trees, and Turf Magazine
 Grounds Maintenance Magazine
 Better Roads Magazine
 Rural and Urban Roads Magazine
 Park Maintenance
 American City and County
 American Nurserymen Magazine

University and College

College and university extension service publications and bulletins
 Nebraska Weeds
 Proceedings of Ohio Short Course on Roadside Development
 Guidelines for Erosion and Control Planning and Implementation
 Dendrology
 Heath, Metcalf, and Barnes, Iowa State University
 Street Trees, Rhode Island Division of Forest Environment
 Weeds of the Southern United States, University of Georgia Extension Service
 Common Weed Seedlings of the United States and Canada, University of Georgia Extension Service
 Poison Plants of the Southern United States, Univer-

sity of Georgia Extension Service
 Weed Identification, University of Georgia Extension Service
 Trees of North America: A Guide to Field Identification, Frank Brockman, University of Washington
 North Dakota Plants, Stevens, North Dakota Institute for Regional Studies, Fargo, 1963
 Trees and Shrubs for the Northern Plains, Hoag, North Dakota Institute for Regional Studies, Fargo, 1965
 The Highway and the Landscape, Rutgers University
 100 Forest Trees of Alabama, Alabama Department of Conservation
 Alabama Insect Control Guide, Alabama Cooperative Extension Service

Commercial

Pesticide and herbicide container labels
 Nursery catalogs
 Roadside Vegetation Control: The Program Approach, The DuPont Company
 Farm Chemicals Handbook, Meister Publishing Company
 Pasture and Range Plants, Phillips Petroleum Company
 Golden Book Guide on Insects in Trees
 1979 Pesticide Dictionary, Meister Publishing Company
 Irrigation System Design Handbook, Rain Bird
 Sears, Roebuck catalog
 Service and Maintenance Guide, Rain Bird
 Nursery and greenhouse supply catalogs
 Public Works Magazine
 Agricultural Age
 Spraying systems company catalogs

Other Reference Sources the Committee Is Unable to Positively Categorize

Hortus, 2nd and 3rd eds., L.H. Bailey
 Tree Maintenance, P.P. Pirone
 Shrubs, Vines, and Trees for American Gardens, Wyman
 Western Garden Book, Sunset Books
 Field Guide to Wild Flowers, R.J. Peterson
 Field Guide to Trees and Shrubs, Petrides
 Diseases and Pests of Ornamental Plants, P.P. Pirone
 Standardized Plant Names, H.P. Kelsey, Washington
 Dayton
 Weed Science: Principles and Practices, Kling Maw, Ashton
 Grounds Maintenance Handbook, H.S. Conover
 Destructive and Useful Insects, Metcalf and Flint
 Nature and Properties of Soils, 8th ed., Buckman and Brady
 The Shrub Identification Book, Symonds
 Pesticide Guide, W.T. Thomson
 Guide to Identification of Grasses, Proturf
 Insects That Feed on Trees and Shrubs, Johnson and Lyon
 Manual of Woody Landscape Plants, Dirr
 Trees, Shrubs, and Vines, Viertel
 The Common Insects of North America, Swan and Papp
 Soil Fertility and Fertilizers, Tisdale and Nelson
 Poisonous Plants of the United States and Canada, J.M. Kingsbury
 Diseases of Forest and Shade Trees of the United States, Hepting
 How to Care for Shade and Ornamental Trees, Baumgardt
 Agricultural Chemicals, W.T. Thomson
 How to Know the Grasses, R.W. Pohl
 Some Grasses of the Northeast, C.E. Phillips
 Manual of Cultivated Trees and Shrubs, A. Rehder
 Ground Maintenance, Audel
 Highways and Our Environment, John Robinson
 How to Control Tree Diseases and Pests, Shuttle and Randall
 Urban Forestry, Grew and Deneke
 How to Know the Weeds, H.E. Jaques
 Flowering Shrubs, Zucker

- Off the Board/Into the Ground, Robinette
 Diseases of Turf Grasses, Couch
 Fundamentals of Ecology, E. Odum
 Gardeners Bug Book, Wescott
 Pruning Book, Wittrock
 Tree Experts Manual, Fenska
 Manual of Flowering Plants of California, Jepson
 Pacific Coast Trees, McMinn
 Soil Physics, Bauer and Gardner
 Weeds of California, Robins, Bellue, and Ball
 Knowing Your Trees, G.H. Collingwood and Warren
 H. Bush
 Building Maintenance, Audel
 Hillier's Manual of Shrubs and Trees, Hillier
 Principles of Field Crop Production, Martin, Leonard,
 and Stamp
 Wild Flowers of Louisiana and Border States,
 Clair A. Brown
- Common Marsh Plants of the United States and Canada,
 Hotchkiss
 Weeds of Eastern Washington and Adjacent Areas,
 Gaines, Swan, and Keller
 Flora of the Pacific Northwest, C.L. Hitchcock
 Ornamental Shrubs of California, L. Enari
 Wild Flowers in Color, Harper and Row
 The Manual of the Vascular Flora of the Carolinas,
 Radford, Ahles, and Bell
 Turfgrass Diseases, Mallincroft Company
 Establishment of Woody Plants in the Roadside
 Environment, Wakefield, Fales, Nielsen, and Kyle,
 1979
 The Pruning Manual, Christopher

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