WEEDS

JOURNAL OF THE WEED SOCIETY OF AMERICA

CONTENTS

Page

Growth Inhibitions by 2,2-Dichloropropionic Acid. Robt. E. Wilkinson	27
Chemical Control of Wild Garlic. Frank S. Davis, Elroy J. Peters, Dayton L.	28
Klingman, Harold D. Kerr, and O. Hale Fletchall	40
Control of Nutsedge in Bermudagrass Turf. J. A. Long, W. W. Allen, and E. C. Holt	2 8
Susceptibility of Big Sagebrush and Green Rabbitbrush to 2,4-D as Related to Certain Environmental, Phenological, and Physiological Conditions. D. N. Hyder, Forrest A. Sneva, and Virgil H. Freed	28
Effect of Atrazine on Sucrose-C ¹⁴ and Serine-C ¹⁴ Metabolism. Floyd M. Ashton and Ernest G. Uribe	29
Effect of Mowing and 2,4-D on Carbohydrate Content and Amount of Ironweed Roots. D. L. Linscott and M. K. McCarty	29
Effects of Environment upon Herbicides Applied Preemergence. Walter E. Splittstoesser and Lyle A. Derscheid	30
Selectivity and Mode of Action of N-(3-chloro-4-methylphenyl)-2-methyl-pen- tanamide. S. R. Colby and G. F. Warren	30
Weed Control in Ornamental Nurseries. W. J. Saidak and S. H. Nelson	31
Development of Purple Nutsedge under Field Conditions. Ellis W. Hauser	31
Chemical Seed Treatments as Herbicidal Antidotes. Otto L. Hoffmann	32
Basal Spraying of Red Alder. Robert W. Madison and Robert H. Ruth	32
Notes:	
Herbivorous Fish to Control Pithophora sp and Other Aquatic Weeds in Ponds.	
E. Wayne Shell	32
Chemical Control of Colorado Rubberweed in Arizona. Thomas N. Johnsen, Jr.	32
Equipment for Subsurface Application of Herbicides in Fallow Land. C. R.	
Fenster, D. G. Hanway, and O. C. Burnside	32
M. Adamson	33
Germination of Salt Cedar Seed. F. Wilgus and K. C. Hamilton	33
A High Gallonage Plot Sprayer. A. C. Carder and J. G. Stoker	- 33 - 33
Failure of Witchweed to Parasitize Smooth Cayenne Pineapple. E. L. Robinson Distribution of Witchweed Seeds in the Soil. E. L. Robinson and Cyril A. Kust	- 38 - 38
Persistence of 2,3,6-Trichlorobenzyldiisopropyldithiocarbamate, or its Residues,	50
in North Carolina Soil. Glenn C. Klingman	3 3
News and Notes	33
Weed Society of America Committees, 1962–64	33
Membership List	34
Sustaining Members	34
Author and Subject Index to Volume 10	34
Author and bublet muck to volume to	

VOLUME 10 OCTOBER 1962 NUMBER 4 WEEDS

Issued Quarterly by the Weed Society of America

C. J. WILLARD, Editor, Department of Agronomy, The Ohio State University, 1827 Neil Ave., Columbus 10, Ohio

F. W. SLIFE, Business Manager, Department of Agronomy, University of Illinois, Urbana, Illinois

EDITORIAL COMMITTEE

A. S. CRAFTS, Department of Botany, University of California, Davis, California

R. A. PETERS, Department of Plant Science, University of Connecticut, Storrs, Connecticut

W. C. ROBOCKER, Crops Research Division, ARS, USDA, State College of Washington, Pullman, Washington

D. W. STANIFORTH, Department of Botany and Plant Pathology, Iowa State University, Ames, Iowa

R. P. UPCHURCH, Department of Field Crops, North Carolina State College, Raleigh, North Carolina

WEEDS is a quarterly journal published by the Weed Society of America. The subscription price is \$10.00 yearly for four issues; single copies \$2.50.

Address all communications regarding subscriptions, advertising, and reprints to F. W. Slife, Department of Agronomy, University of Illinois. All checks, money orders, and other remittances should be made payable to the Weed Society of America.

The editorial office is located at Department of Agronomy, The Ohio State University, 1827 Neil Avenue, Columbus 10, Ohio. Inquiries concerning manuscripts and other material for publication should be addressed to the editorial office.

Printing is by the W. F. Humphrey Press, Inc., Geneva, New York.

Entered as second-class matter at the post office at Urbana, Illinois with additional entry at Geneva, New York.