

WEED SCIENCE

JOURNAL OF THE WEED SCIENCE SOCIETY OF AMERICA



VOLUME 28

MAY 1980

NUMBER 3

Page

—CONTENTS—

- 235 Control of Leafy Spurge (*Euphorbia esula*) in Nebraska with the Spurge Hawkmoth (*Hyles euphorbiae*). J. R. Forwood and M. K. McCarty
- 241 Leaching of EPTC and R-25788 in Soil. C. A. Buzio and G. W. Burt
- 245 Retardation of Hydrilla (*Hydrilla verticillata*) Regrowth through Chemical Control of Vegetative Reproduction. K. K. Steward
- 251 Inhibition of Mesquite (*Prosopis juliflora* var. *glandulosa*) Growth by Fosamine. P. R. Morey and B. E. Dahl
- 255 Long-Term Impact of Aerial Application of 2,4,5-T to Longleaf Pine (*Pinus palustris*). J. L. Michael
- 258 Competition of Sicklepod (*Cassia obtusifolia*) and Redroot Pigweed (*Amaranthus retroflexus*) with Cotton (*Gossypium hirsutum*). G. A. Buchanan, R. H. Crowley, J. E. Street, and J. A. McGuire
- 263 Life History and Ecology of Dwarf Spikerush (*Eleocharis coloradoensis*). Richard R. Yeo
- 273 Potential Antidotes Against Buthidazole Injury to Corn (*Zea mays*). Kriton K. Hatzios and Donald Penner
- 277 Effect of Growth Stage and Water Stress on Barnyardgrass (*Echinochloa crus-galli*) Control and on Glyphosate Absorption and Translocation. M. S. Ahmadi, L. C. Haderlie, and G. A. Wicks
- 282 Effects of Fall Burning of Chaparral Woodland on Soil Residues of Picloram. Thomas N. Johnsen, Jr. and William L. Warskow
- 285 Site of Uptake and Translocation of ¹⁴C-Buthidazole in Corn (*Zea mays*) and Redroot Pigweed (*Amaranthus retroflexus*). Kriton K. Hatzios and Donald Penner
- 292 Control of Volunteer Wheat (*Triticum aestivum*) in Fall-Planted Perennial Ryegrass (*Lolium perenne*) with Ethofumesate. W. O. Lee
- 295 Weed Control in Field Beans (*Phaseolus vulgaris*) in Western Nebraska. R. G. Wilson, Jr., G. A. Wicks, and C. R. Fenster
- 300 Purposefully Introduced Plants that Have Become Noxious or Poisonous Weeds. M. C. Williams
- 306 Effects of Benefin Vaporizing from Soils on Tobacco (*Nicotiana tabacum*) Foliage. Y. Yamasue and A. D. Worsham
- 312 Control of Egyptian Broomrape (*Orobancha aegyptiaca*) and Other Weeds by Means of Solar Heating of the Soil by Polyethylene Mulching. R. Jacobsohn, A. Greenberger, J. Katan, M. Levi, and H. Alon
- 316 Smutgrass (*Sporobolus poiretii*) Control in South Florida. P. Mislevy and W. L. Currey

Contents continued—inside front cover

Contents continued from front cover

- 321 Influence of Afterripening Temperature and Endogenous Rhythms on Downy Brome (*Bromus tectorum*) Germination. D. C. Thill, R. D. Schirman, and A. P. Appleby
- 324 Comparative Morphological Development of Cogongrass (*Imperata cylindrica*) in Iraq. B. A. Al-Juboory and G. S. Hassawy
- 327 Yellow Nutsedge (*Cyperus esculentus*) Competition with Cotton (*Gossypium hirsutum*). M. G. Patterson, G. A. Buchanan, J. E. Street, and R. H. Crowley
- 330 Germination of Field Dodder (*Cuscuta campestris*). J. M. Hutchison and F. M. Ashton
- 334 Use of an In Vitro Protein Synthesizing System to Test the Mode of Action of Chloracetamides. Luanne M. Deal, J. T. Reeves, B. A. Larkins, and F. D. Hess
- 341 Longevity of Velvetleaf (*Abutilon theophrasti*) Seeds in Soil under Agricultural Practices. William E. Lueschen and Robert N. Andersen
- 347 Inheritance of Flower Color in Musk Thistle (*Carduus thoermeri*). M. C. McCarty, H. J. Gorz, and F. A. Haskins
- 352 Absorption and Translocation of Buthidazole. Lloyd C. Haderlie
- 358 Hexazinone and Other Herbicides on Texas Woody Plants. R. E. Meyer and R. W. Bovey

WEESA6 28(3) 235–362(1980)