

Journal of Agricultural Entomology

Volume 1, Number 2

April, 1984

SHEPPARD, D. C. — Toxicity of citrus peel liquids to the house fly and red imported fire ant	95
GARDNER, W. A., D. V. Philips, and A. E. SMITH — Effect of pinitol on the growth of <i>Heliothis zea</i> and <i>Trichoplusia ni</i> larvae.....	101
YONCE, C. E., and U. E. BRADY — Efficacy and persistence of chlorpyrifos for control of <i>Synanthedon pictipes</i> on peach trees.....	106
HORNBY, J. A., W. A. GARDNER, J. N. ALL, and B. C. CARLTON — Toxicity of crystalliferous and acrystalliferous strains of nonformulated <i>Bacillus thuringiensis</i> to <i>Heliothis zea</i>	111
WISEMAN, B. R., and N. W. WIDSTROM — Fall armyworm damage ratings on corn at various infestation levels and plant development stages	115
GRIFFIN, J. G. — Equipment for field-releasing nonchilled or anesthetized sterile boll weevils	120
MILLER, R. W., L. G. PICKENS, and D. M. NAFUS — Use of white tetrahedral traps and stirofos oral larvicide for area-wide control of the face fly	126
MOHAMED, A. I., S. Y. YOUNG, and W. C. YEARIAN — Susceptibility of <i>Pseudaletia includens</i> to nuclear polyhedrosis virus-methoprene combinations.....	137
HOPKINS, A. R., R. F. MOORE, and W. JAMES — Field evaluation of insect growth regulator formulations on cotton insects	142
SCHUSTER, D. J., J. F. PRICE, and R. O. MAGIE — Gladiolus thrips: Reduction on gladiolus corms following insecticidal and hot water dips	147
JAY, E. — Control of <i>Rhyzopertha dominica</i> with modified atmospheres at low temperatures	155
MOLLOY, D., S. P. WRAIGHT, B. KAPLAN, J. GERARDI, and P. PETERSON — Laboratory evaluation of commercial formulations of <i>Bacillus thuringiensis</i> var. <i>israelensis</i> against mosquito and black fly larvae	161
POWELL, J. E., and L. Lambert — Effects of three resistant soybean genotypes on development of <i>Microplitis croceipes</i> and leaf consumption by its <i>Heliothis</i> spp. hosts.....	169
ERRATUM	176
OBITUARY — Jewel Askew Jordan	177
OBITUARY — William Henley Cross	179

THE JOURNAL OF AGRICULTURAL ENTOMOLOGY

Volume 1 • Number 2 • April 1984

The *Journal of Agricultural Entomology* is published quarterly under the auspices of the South Carolina Entomological Society, Inc. at Clemson, SC. The *Journal* publishes contributions of original research concerning insects and other arthropods of agricultural importance (including those affecting livestock and poultry). The *Journal* is particularly dedicated to the timely publication of articles and notes pertaining to applied entomology, although it will accept suitable contributions of a fundamental nature related to agricultural entomology.

A subscription to the *Journal* automatically accompanies membership in the South Carolina Entomological Society. For information on the *Journal* or Society, contact the Secretary-Treasurer, SCES, P.O. Box 582, Clemson, SC 29633.

Contributing authors should consult the latest issue of the *Council of Biology Editors (CBE) Style Manual, a Guide for Authors, Editors, and Publishers in the Biological Sciences* and submit an original and three copies of all manuscripts typed double spaced to the Editor, *Journal of Agricultural Entomology*, P.O. Box 582, Clemson, SC 29633. An abstract, 3-10 key words, and a running head must be included with each manuscript. All measurements should be given in metric or in metric and English units. A charge of \$35.00 per page will be made. This is an average figure which includes photographs, simple tables and figures, partial pages, etc. (Complicated or excessive tables, photographs and figures might be subject to a \$5.00 - 20.00/page surcharge. Page charges are subject to change without notice.)

For information on prevailing page charges and charges for immediate publication, advertising rates, cost of reprints, etc., contact the Business Manager.

Editorial Committee

Editor: T. R. Adkins, Jr., Dept. of Entomol., Fish. & Wildl., Clemson Univ., Clemson, SC 29631
Technical Editor: J. K. Reed, P.O. Box 425, Fairview, NC 28730

Business Manager: W. P. DuBose III, Dept. of Entomol., Fish. & Wildl., Clemson Univ., Clemson, SC 29631

Assoc. Business Manager: T. E. Skelton, Dept. of Entomol., Fish. & Wildl., Clemson Univ., Clemson, SC 29631

Associate Editors:

D. R. Alverson, Dept. of Entomol., Fish. & Wildl., Clemson Univ., Clemson SC 29631

T. M. Brown, Dept. of Entomol., Fish. & Wildl., Clemson Univ., Clemson, SC 29631

G. R. Carner, Dept. of Entomol., Fish. & Wildl., Clemson Univ., Clemson, SC 29631

F. M. Diaz, R. M. Cooper Library, Clemson Univ., Clemson, SC 29631

W. P. DuBose III, Dept. of Entomol., Fish. & Wildl., Clemson Univ., Clemson, SC 29631

R. Noblet, Dept. of Entomol., Fish. & Wildl., Clemson Univ., Clemson, SC 29631

T. E. Skelton, Dept. of Entomol., Fish. & Wildl., Clemson Univ., Clemson, SC 29631

C. A. Thomas, Jr., Mobay Chemi. Corp., Agric. Chemi. Div., 300 Highland Dr., Clemson, SC 29631

NOTE: Statements in the *Journal of Agricultural Entomology*, whether fact or opinion, are the sole responsibility of the authors. Mention of a commercial product does not constitute endorsement by the South Carolina Entomological Society.

Officers of the South Carolina Entomological Society, Inc.

President: A. R. Hopkins, USDA-ARS, P.O. Box 2131, Florence, SC 29503

Immediate Past President: Raymond F. Moore, USDA-ARS, P.O. Box 2131,
Florence, SC 29503

Vice President: Kenneth Peebles, E.I. du Pont de Nemours and Co., 766 Shadow-
brook Drive, Columbia, SC 29210

Secretary-Treasurer: W. P. DuBose III, Dept. of Entomology, Fisheries & Wildlife,
Clemson Univ., Clemson, SC 29631

Historian: