TABLE OF CONTENTS

Foreward I.D. Teare and D.L. Wright	iii
INTEGRATED PEST MANAGEMENT	
Importance of Designating Prevention and Suppression Control Strategies for Insect Pest Management Programs in Conservation Tillage John N. All	I
Soybean Insect Pest Management and Conservation Tillage: Options for the Grower R.B. Hammond	3
Insect Pest Management and Conservation Tillage of Soybean Double-Cropped with Winter Wheat J.E. Funderburk, D.L. Wright, and I.D. Teare	ϵ
Direct and Indirect Effects of Conservation Tillage on the Management of Insect Pests of Cotton Michael J. Gaylor	10
Effect of Non-Crop Vegetation on Insect Infestations and IPM in Reduced-Tillage Corn and Sorghum Production Systems in Low and High Technology Agriculture H.N. Pitre and R.P. Porter	12
Population Densities of Plant-Parasitic Nematodes in Multiple-Cropping and Tillage Systems D.W. Dickson and R.N. Gallaher	16
Effects of Insects and Slugs on No-Till Seeding of Ladino Clover in Grass Pastures G.D. Buntin and A.E. Smith	19
COTTON	
Successes with No-Till Cotton John F. Bradley	22
Cotton Yields as Affected by Previous Crop Tillage and Subsoiling for Cotton J.T. Touchton, D.W. Reeves and R.R. Sharpe	23
CORN	
Corn and Soybean Response to Conservation Tillage, Irrigation and Short Term Crop Rotation F.M. Rhoads	25
Starter Fertilizer Placement in No-Till Corn D.L. Wright	27

Corn Production and Profitability as Influenced by Tillage, Winter Cover and Nitrogen Fertilizer S. Ott and S. Dabney	29
Corn Yield Response to Tillage, Hybrids, and Insecticides J.R. Espaillat and R.N. Gallaher	33
Yield and Ear Leaf Nitrogen Status in No-Tillage Second Crop Temperate and Tropical Corn T.A. Lang, D.L. Overman, and R.N. Gallaher	36
Growth and Partitioning of Dry Matter between Temperate and Tropical Corn D.L. Overman and R.N. Gallaher	38
Dry Matter Partitioning in No-Tillage Tropical Corn in Florida J.J. Bustillo and R.N. Gallaher	40
No-Till Research with Tropical Corn in a Double-Crop System I.D. Teare, D.L. Wright and D.J. Zimet	43
SOYBEAN AND SMALL GRAINS	
Conservation Tillage in Soybean and Corn in the South Carolina Coastal Plain R.E. Sojka and W.J. Busscher	46
Potential of Bladex and Classic In Stale Seed Bed Soybeans M.E. Kurtz and W.L. Barrentine	49
No-Tillage Yield of Double-Cropped Rye and Soybean in Relation to Nitrogen and Potassium Fertilization R.A. Ortiz and R.N. Gallaher	51
Wheat Response <i>to</i> Tillage Systems and Planting Dates D.B. Reginelli, N.W. Buehring and J.D. Summers	54
FORAGE CROPS	
Reseeding Potential of Crimson Clover in No-Till Corn J.L. Myers and M.G. Wagger	56
Seeding Aeschynomene in Bahiagrass Sod R.S. Kalmbacher	59
Initial Development of Early Blooming Annual Cool Season Legumes for Use in Conservation Tillage C.M. Owsley, M.S. Kirkland, and E.D. Surrency	61

Comparative Effects of Tillage on Winter Annual Forage Production David J. Lang	62
Wheat Forage Response to Tillage and Sulfur Applications G.L. Mullins and C.C. Mitchell, Jr.	64
Nitrogen Uptake by Corn in a Winter Legume Conservation-Tillage System D.W. Reeves and J.T. Touchton	67
Predicting Nutrients from Winter Cover Crops for No-Till Management Greg D. Hoyt	70
CONSERVATION TILLAGE SYSTEMS	
Tillage Systems for Summer Crops Following Winter Grazing J.T. Touchton, D.W. Reeves and D.P. Delaney	72
Microbiological Characterization of Eroded Soils in Conservation Tillage in the Georgia Piedmont D. Jordan, R.R. Bruce and G.W. Langdale	. 75
Soil Organic Matter in Long-Term Tillage and Cropping System Studies R.N. Gallaher, J.F. Corella, R.A. Ortiz, M. Ferrer, G.C. de Bruniard, S. Dyal, H. Marelli, and A. Lattanzi	78
Slit-Tillage for Plow Pan Soils C.B. Elkins, D.W. Reeves and J.H. Edwards	80
A Decade of Progress in Conservation Tillage in the South Carolina Coastal Plain W.J. Busscher, R.E. Sojka and D.L. Karlen	83
ABSTRACTS	
Effect of Intensive Cropping on Nematode Population Management A.W. Johnson	86
Starter Fertilizer Use in No-Till Cotton D.D. Howard and P.E. Hoskinson	86
Strip-Till and No-Till Demonstrations in North Alabama, 1985 to 1988 D.P. Delaney	86