

SCHEDULE OF RESEARCH TOPICS
PRESENTED DURING THE NO-TILL FIELD DAY
MILAN EXPERIMENT STATION
July 20, 1983

TOUR A - WEED CONTROL

SYSTEMS FOR NO-TILL WEED CONTROL IN SOYBEANS:

Robert Hayes, Associate Professor, Plant and Soil Science;
John Birch, Graduate Student, Plant and Soil Science

POST-DIRECTED APPLICATORS AND HERBICIDES IN NO-TILL SOYBEANS:

Elmer Ashburn, Professor, Extension Plant and Soil Science;
Wayne Flinchum, Professor, Extension Plant and Soil Science

CROP OIL AS A CARRIER IN CONVENTIONAL AND CDA SPRAYERS FOR WEED CONTROL IN NO-TILL SOYBEANS:

Fred Tompkins, Associate Professor, Agricultural Engineering;
L. R. Wilhelm, Associate Professor, Agricultural Engineering

NEW HERBICIDE EVALUATION IN NO-TILL SOYBEANS:

Larry Jeffery, Professor, Plant and Soil Science;
Reid Evans, Research Assistant, Plant and Soil Science

TOUR B - NO-TILL SOYBEAN PRODUCTION

STUBBLE MANAGEMENT, VARIETIES AND COVER CROPS FOR NO-TILL SOYBEAN PRODUCTION:

George Buntley, Professor, Extension Plant and Soil Science;
John Jared, Associate Professor, Extension Plant and Soil Science

BREEDING SOYBEAN VARIETIES FOR NO-TILL AND DOUBLE CROPPING:

Fred Allen, Associate Professor, Plant and Soil Science;
Robert Miller, Assistant Professor, Plant and Soil Science

WHEAT AND DOUBLE CROPPING SYSTEMS RESEARCH UPDATE:

Charles Graves, Professor, Plant and Soil Science;
Vernon Reich, Associate Professor, Plant and Soil Science

ECONOMIC EVALUATION OF NO-TILLAGE:

Estel Hudson, Professor, Extension Agricultural Economics and Resource Development;
Clark Garland, Professor, Extension Agricultural Economics and Resource Development

TOUR C - NO-TILL SOYBEANS, CORN AND GRAIN SORGHUM PRODUCTION

ARE CYST NEMATODES AND FOLIAR DISEASES WORSE IN NO-TILL SOYBEANS?:

Albert Chambers, Associate Professor, Entomology and Plant Pathology;
Melvin Newman, Associate Professor, Entomology and Plant Pathology

GRAIN SORGHUM PRODUCTION SYSTEMS:

Bob Hathcock, Associate Professor, Plant and Soil Science;
Don Howard, Associate Professor, Plant and Soil Science

NO-TILL CORN AND SOYBEAN ROTATIONS IN OLD CROP RESIDUES:

Joe Bums, Professor, Extension Plant and Soil Science;
Dennis West, Assistant Professor, Plant and Soil Science

LEGUME COVER CROPS FOR NO-TILL CORN AND GRAIN SORGHUM:

Bob Duck, Professor, Plant and Soil Science;
Don Tyler, Associate Professor, Plant and Soil Science

TOUR D - NO-TILL COTTON PRODUCTION

NO-TILL COTTON - VARIETIES, COVER CROPS, STUBBLE PLANTINGS, AND WHEAT-COTTON DOUBLE-CROPPING SYSTEMS:

P. E. Hoskinson, Associate Professor, Plant and Soil Science;
Paulus Shelby, Assistant Professor, Plant and Soil Science

TOUR E - NO-TILL PLANTING EQUIPMENT AND EROSION CONTROL

NO-TILL PLANTING EQUIPMENT-EVALUATION **AND** PROGRESS:

David Bell, Graduate Student, Agricultural Engineering;
Bobby Bledsoe, Professor, Agricultural Engineering

FUEL AND POWER REQUIREMENTS FOR NO-TILL CROP PRODUCTION:

Willie Hart, Instructor, Agricultural Engineering;
John Wilkerson, Assistant Professor, Agricultural Engineering

SOIL EROSION CONTROL UNDER VARIOUS CROPPING SYSTEMS:

Curtis Shelton, Professor, Agricultural Engineering;
Robert von Bernuth, Associate Professor, Agricultural Engineering

EROSION CONTROL STRUCTURES - HOW THEY FIT WITH NO-TILL CROP PRODUCTION:

Bill Millsaps, Agricultural Engineer, Soil Conservation Service;
Wilder C. Hudson, Agricultural Engineer, Soil Conservation Service