

**SUGARCANE RESEARCH**  
**ANNUAL PROGRESS REPORT**  
**2011**

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## FOREWORD

Research on sugarcane in the Louisiana Agricultural Experiment Station is an integral part of the LSU Agricultural Center's research-extension effort to provide the knowledge and technology base for efficient production and processing of sugarcane. Sugarcane research projects are led by scientists in the Sugar Research Station, Audubon Sugar Institute and the Department of Agricultural Economics and Agribusiness, School of Plant, Environmental, and Soil Sciences, Department of Biological and Agricultural Engineering, Department of Entomology, and Department of Plant Pathology and Crop Physiology.

Members of the Louisiana Agricultural Experiment Station maintain close working relations with colleagues in respective departments of the College of Agriculture and other colleges of the LSU Baton Rouge campus, the Louisiana Cooperative Extension Service, the Agricultural Research Service and Natural Resources Conservation Service of the USDA, the American Sugar Cane League, and the Louisiana Department of Agriculture and Forestry.

A major portion of the resources for production research is linked to the Sugar Research Station located at St. Gabriel, Louisiana. Processing research is linked to the Audubon Sugar Institute located at St. Gabriel, Louisiana. The Iberia Research Station helped to accomplish specific sugarcane research objectives in 2011.

Important parts of the 2011 research effort were conducted on cooperating farms and in cooperating factories. These activities are important and must be continued. The cooperation of individual growers in conducting field research projects and financial support from the American Sugar Cane League are gratefully acknowledged.

## TABLE OF CONTENTS

	<u>Page #</u>
<b><u>FORWARD</u></b>	<i>ii</i>
<b><u>2011 SUMMARY</u></b>	
Economic Importance of Louisiana Sugarcane Production in 2011	1
Sugarcane Summary for Crop Year 2011	4
<b><u>VARIETY DEVELOPMENT</u></b>	
An Overview of 2011 Activities in the LSU AgCenter Sugarcane Variety Development Program	6
2011 Photoperiod and Crossing in the LSU AgCenter Sugarcane Variety Development Program	10
Selections, Advancements, and Assignments of the LSU AgCenter Sugarcane Variety Development Program for 2011	22
2011 Louisiana Sugarcane Variety Development Program Nursery and Infield Variety Trials	44
2011 Louisiana “Ho” Nursery and Infield Variety Trials	58
2011 Louisiana Sugarcane Variety Development Program Outfield Variety Trials	72
Sucrose Laboratory at the Sugar Research Station	89
LAES Sugarcane Tissue Culture Laboratory	90
The 2011 Louisiana Sugarcane Variety Survey	91
The Effect of Naturally Occurring Off-Types on Sugar Yield and Yield Components In L 01-283	103
Yield and Fiber Content of High Fiber Sugarcane Clones	106
Genetic Diversity and Saccharum Spontaneum Lineage of the Louisiana Sugarcane cultivars and Breeding Pool	109
<b><u>ENTOMOLOGY</u></b>	
Small Plot Assessment of Insecticidal Control of Sugarcane Stalk Borers, 2011	126
Evaluation of Soil Applied Insecticides for Control of Wireworms in Sugarcane, Iberia Parish, 2011	127
Red Import Fire Ant Predation on Mexican Rice Borer in Sugarcane at Beaumont Texas	128
Evaluation of Commercial and Experimental Sugarcane Cultivars for Resistance to the Mexican Rice Borer, Beaumont, Texas, 2011	130
The Effect of Intertrap Distance on The Performance Of Mexican Rice Borer Pheromone Traps	132

## **PLANT PATHOLOGY**

Pathology Research _____	134
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## **WEED CONTROL**

Evaluation of Bermudagrass Control Programs in a Fallowed Sugarcane Field _____	138
New Herbicides/Herbicide Formulation Research _____	141
Spring Application Programs for Bermudagrass Control _____	142
Nutsedge Fall Application Test _____	143

## **CULTURAL PRACTICES**

Billet Planting Research _____	144
Long Term Effects of Post-Harvest Residue Management _____	150

## **SOIL FERTILITY**

Soil Fertility Research in Sugarcane _____	151
Evaluation of the Use of Green Manure Soybeans Grown in Rotation with Sugarcane in a Sub-tropical Environment _____	166
Varietal Response to Nitrogen Application Rates _____	168
Evaluation of Nano-Gro on Sugarcane Yield _____	169

## **ENVIRONMENTAL**

Atrazine Retention by Sugarcane Residue and Soils _____	170
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## **ECONOMICS**

Sugarcane Economic Research in 2011 _____	178
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## **PLANT GROWTH REGULATORS**

A Look at an Alternative Chemistry to Glyphosate for Use as a Sugarcane Ripener _____	182
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<b><u>PUBLICATIONS</u></b> _____	189
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