



4



8



12



22



24

# Table of Contents

**On the Cover**

A wind machine to protect against freezes stands guard over the Austin variety blueberries on Great Southern Farms near Richton. Meanwhile, U.S. Department of Agriculture scientists at Poplarville's Southern Horticultural Laboratory are developing new blueberry cultivars for the area. Story on page 8. (Photo by Marco Nicovich)

**Back Cover**

During the past year, the Department of Animal and Dairy Sciences has shipped packages to military units serving in Iraq and Afghanistan. Each of the large packages contains t-shirts, snacks and other goodies to make life a little better of the men and women serving our country. Each unit has also received a stuffed "Bully." The photo on the back cover shows Bully standing guard with members of the First Air Cavalry Brigade in Iraq.

**4 Bass Club**

A student team represents MSU in competitive bass fishing.

**6 Water Savers**

Research shows flood gauges can save rice producers water and money.

**7 Going Strong**

With 140 years of service between them, two 4-H volunteers are not slowing down.

**8 Bountiful Blueberries**

A new form of blues is taking root in south Mississippi.

**12 Homeward Bound**

Adoption program helps send Mississippi pups to new homes in the Northeast.

**13 DNA Machine**

MSU student team excels in the new field of "synthetic biology."

**14 16th Section**

Hunting leases help support education in many Mississippi counties.

**15 Formaldehyde Free**

New composite wood products are helping clean up indoor air quality.

**16 Focus Section**

Diverse academic programs are available to MSU students.

**22 Popsicle Proof**

Foal is proof of the success of CVM's frozen embryo transfer program.

**24 Arc Angling**

An "arc" of Mississippi lakes is a top destination for sport fishing.

**26 Tishomingo County**

Scenic beauty, history and industry all merge in Mississippi's northeast corner.

**27 Landmarks Editorial**

Good public relations is important for science.

**28 News Notes**

News of people and activities in the Division of Agriculture, Forestry and Veterinary Medicine.

**30 Breaking New Ground**

Dedicated donors help advance key MSU programs.