LAND GRANT IMPACTS PORTAL

NATIONAL EFFORTS RELATED TO IMPACTS

- In 2010, ESCOP appointed a writer to create impact statements for multistate projects
- In 2012, ECOP appointed an ad hoc committee to compile impact statements from each institution

NC-1029 (2006-2011)

Applied Animal Behavior and Welfare

This project has compiled unique data sets regarding appropriate tests for assessing fear in livestock through collaborative multi-state research efforts.

Who cares and why?

Understanding animal welfare has become increasingly important to livestock producers in the U.S. and internationally. Recent legislative initiatives in the U.S. and the establishment of global animal welfare standards by the World Organisation for Animal Health all indicate that animal welfare concerns will play large roles in determining the future survival and competitiveness of livestock producers. In general, consumers, legislators and activists have expressed concerns regarding the quality of life experienced by agricultural animals. In particular, there is strong public concern that farm animal welfare is compromised as a result of fear, pain, and suffering. The possibility that animals suffer greatly due to excessive fear during interactions with handlers, social disruptions, and exposure to transport conditions is of particular concern. Management practices associated with fear and pain are also viewed very negatively by animal scientists and veterinarians. As a result, several animal welfare certification programs now include assessment of fear levels in their auditing procedures; however, little is known about whether such assessments accurately and reliably measure fear in animals.

What has the project done so far?

Over the past five years, NC-1029 members have formed working sub–groups to design fear tests for use on farms with small ruminants, swine, poultry, and cattle. Members of the working groups have designed protocols for validating tests that are commonly used to assess fear in laboratory animals to be sure that these tests accurately measure fear

NC-1029 has been working to test for and reduce fear among small ruminants, like sheep. Fear and suffering can result from improper handling, transporting, and other practices that startle, cause pain to, or disrupt the behavior of the animals. Photos courtesy of USDA-ARS.

Piglets are one of the main subjects of animal welfare studies. The goal is to improve animal handling practices to reduce stress on the animals, which also lowers production costs for livestock producers. Photo courtesy of USDA-ARS.

NC-1029 Impact Statement, Page 1

NIDB LEADERSHIP COMMITTEE

- ECOP and ESCOP partner in Fall, 2014 and appoint a joint committee
- Meetings conducted by distance technology
- 3-year appointment, subject to review

Name	Representing
Bill Brown, Co-Chair	Experiment Station Directors
Tim Cross, Co-Chair	Extension Directors
Ron Brown	Southern Extension Directors
Scott Cummings	Texas A&M Development Team
Steve Loring	Western Experiment Station Directors
Ashley Hawn	Kglobal representative
Debby Lewis	Extension
Sarah Lupis	Western Experiment Station Directors
Tyrone Miller	1890 Institutions
Faith Peppers	Communications (ACE)
Adele Turzillo	USDA-NIFA
Eric Young	Southern Experiment Station Directors

MARCH 2, 2015 LAUNCH

Your monthly snapshot of extraordinary work from the members of Agriculture is America

This is a monthly, internal email highlighting some of the stories featured on the Ag Is America website, Twitter feed, and Facebook page. Ag Is America's goal is to share the land-grant story with important legislative and media audiences, and our goal in sending this newsletter to you is to demonstrate the types of stories that resonate with our followers.

AGRICULTURE IS AMERICA

National Impact Database Launched March 2

On March 2, the **National Impact Database Committee** announced the launch of the **Database** as well as the corresponding public facing **Land-Grant Impacts website**. The Database is an internal resource that allows designated university contacts to upload and update impact statements, and the Land-Grant Impacts website highlights the land-grant story and impact for the general public. The Database is jointly sponsored by ECOP and ESCOP.

Here's what **Dr. Sonny Ramaswamy, director of National Institute of Food and Agriculture, U.S. Department of Agriculture** said: *"The Land-Grant Impacts website is a new tool that will better inform the American people and the international community of the significant agricultural research, education and extension impacts taking place at land grant universities across our nation, which offer practical solutions to today's critical societal challenges. This website will help policy makers and the public learn more about this work that is partially supported with NIFA funding."*

Here's what **Barbara Allen-Diaz, vice president, University of California, and chair of BAA Policy Board of Directors** said: *"Articulating positive changes as a result of Agriculture Experiment Station and Cooperative Extension research and education is critical today. The Board on Agriculture Assembly (BAA) celebrates the launch of this web site. Having a searchable source for outcomes of our work will help to communicate the value of our research and extension programs in our land grant universities."*

kglobal
public affairs + public relations

APLU/ NID Collateral
February 6, 2015

A Public Voice

LAND-GRANT UNIVERSITIES UNVEIL NEW ONLINE RESOURCE

Website Features History and Impact of Experiment Station and Cooperative Extension Programs

February 23, 2015 – The Association of Public Land-grant Universities (APLU) announced the launch of the Land-Grant Impacts website, which was developed and will be maintained by several Land-grant universities. The public-facing website showcases how land-grant universities use teaching, research, and extension to positively affect the agriculture industry, local communities, and the nation at large.

"The Land-Grant Impacts website is a new tool that will better inform the American people and the international community of the significant agricultural research, education and extension impacts taking place at land grant universities across our nation, which offer practical solutions to today's critical societal challenges. This website will help policy makers and the public learn more about this work that is partially supported with NIFA funding," **said Dr. Sonny Ramaswamy, director, National Institute of Food and Agriculture, U.S. Department of Agriculture.**

The website also hosts an internal database where land-grant universities and institutions can share results and updates of local, state, and regional Experiment Station and Cooperative Extension efforts. These impact statements specifically highlight advancements made to benefit food security; nutrition and health; youth, family, and communities; environmental stewardship; energy and bioproducts; and agricultural systems.

"Articulating positive changes as a result of Agriculture Experiment Station and Cooperative Extension research and education is critical today. The Board on Agriculture Assembly (BAA) celebrates the launch of this web site," **said Barbara Allen-Diaz, vice president, University of California, and chair, BAA Policy Board of Directors.** "Having a searchable source for outcomes of our work will help to communicate the value of our research and extension programs in our land grant universities."

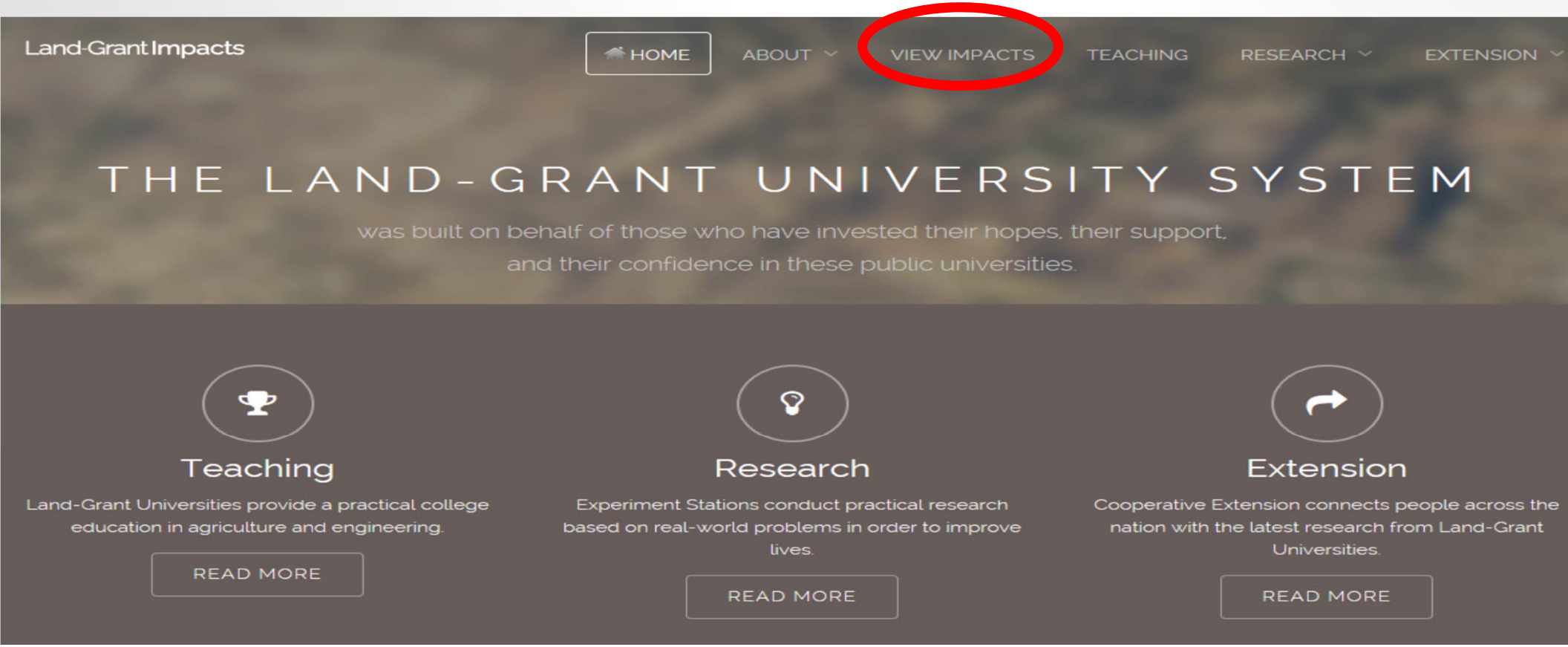
PRIMARY AUDIENCES AND USES

General Public	Land Grants	USDA-NIFA	Kglobal
Information and key contacts for subjects of interest	Reporting tool capturing broad program impacts	Responses to state and subject matter inquiries	Content for Grasstops advocacy and social media

LAND-GRANT IMPACTS PORTAL

- Developed to highlight mission of Land-Grant University system
- Houses the Excellence in Extension database
- Houses the Land-Grant Impacts database
- Portal for general public to search state, regional, and national impact statements

http://landgrantimpacts.tamu.edu/



LAND-GRANT IMPACTS PORTAL TOUR

AREAS OF IMPACT

FOOD SECURITY

Ensuring everyone's family has enough to eat, and that their food is safe, affordable, nutritious, and readily available.

NUTRITION & HEALTH

Providing for your family's health through nutrition, genomics, physical activity, wellness, and management of chronic disease.

YOUTH, FAMILY, & COMMUNITIES

Creating engaged citizens for our future with economic and community development, leadership, and youth development programs.

ENVIRONMENTAL STEWARDSHIP

Creating a sustainable future for our natural environment through stewardship of the ecosystem, energy conservation, and water management.

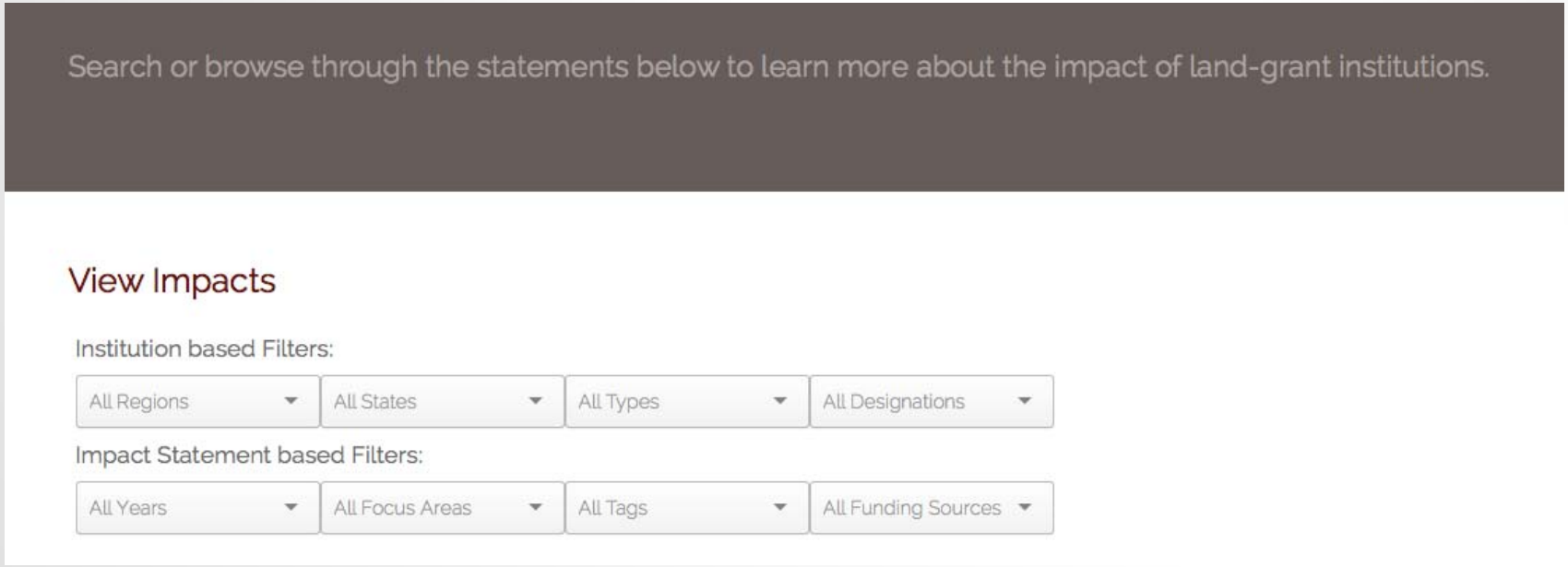
AGRICULTURAL SYSTEMS

Ensuring profitability, productivity, and sustainability for food and fiber production systems, using innovative and time-tested methods.

ENERGY & BIOPRODUCTS

Leading the way in energy technologies such as bioproducts, biofuels, biomass, and other energy technologies and techniques.

LAND-GRANT IMPACTS PORTAL TOUR



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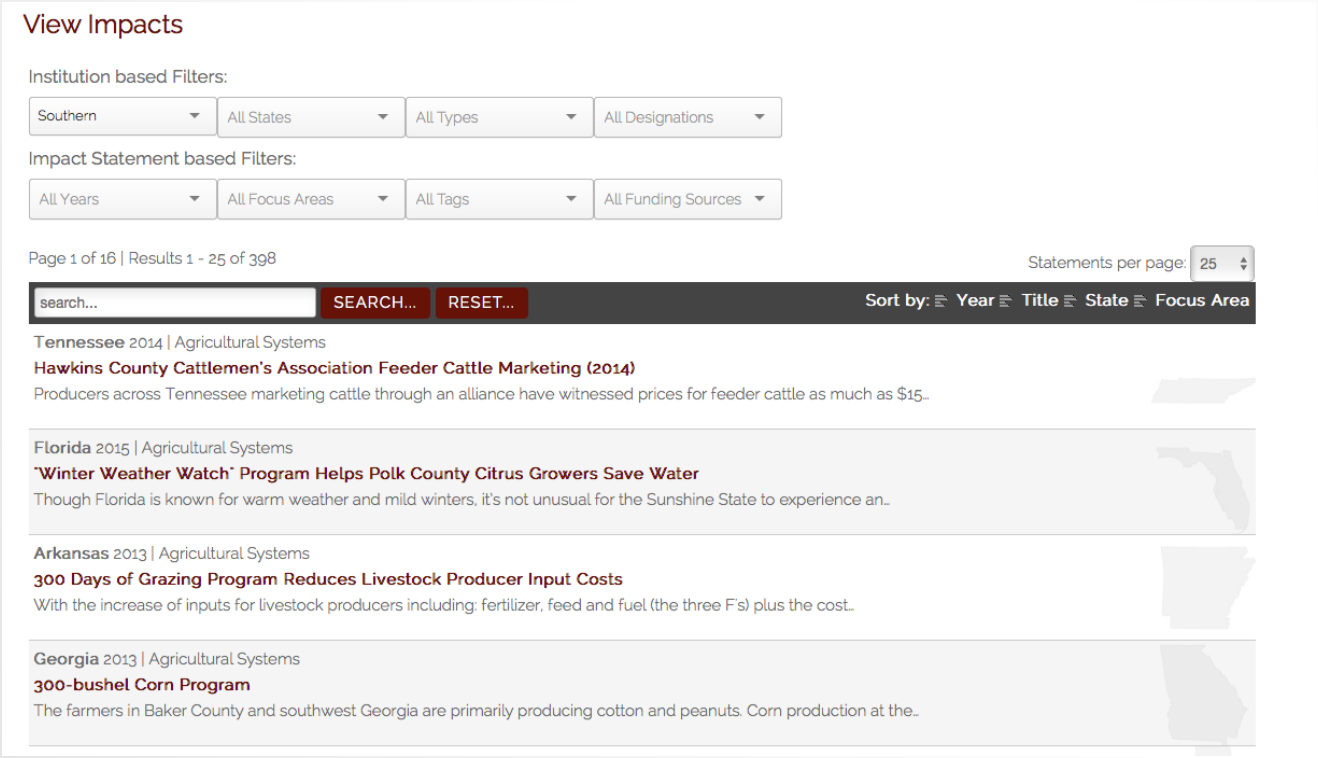

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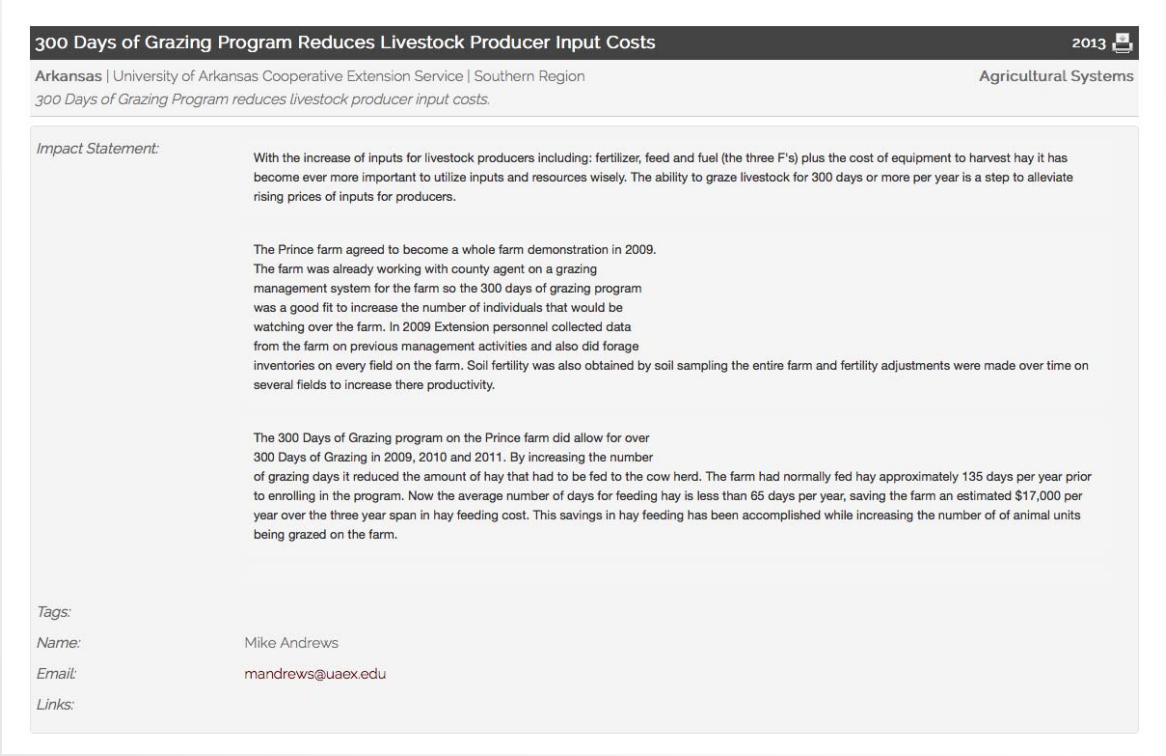

300 Days of Grazing Program Reduces Livestock Producer Input Costs

2013

Arkansas | University of Arkansas Cooperative Extension Service | Southern Region

Agricultural Systems

300 Days of Grazing Program reduces livestock producer input costs.

Impact Statement:

With the increase of inputs for livestock producers including: fertilizer, feed and fuel (the three F's) plus the cost of equipment to harvest hay it has become ever more important to utilize inputs and resources wisely. The ability to graze livestock for 300 days or more per year is a step to alleviate rising prices of inputs for producers.

The Prince farm agreed to become a whole farm demonstration in 2009. The farm was already working with county agent on a grazing management system for the farm so the 300 days of grazing program was a good fit to increase the number of individuals that would be watching over the farm. In 2009 Extension personnel collected data from the farm on previous management activities and also did forage inventories on every field on the farm. Soil fertility was also obtained by soil sampling the entire farm and fertility adjustments were made over time on several fields to increase there productivity.

The 300 Days of Grazing program on the Prince farm did allow for over 300 Days of Grazing in 2009, 2010 and 2011. By increasing the number of grazing days it reduced the amount of hay that had to be fed to the cow herd. The farm had normally fed hay approximately 135 days per year prior to enrolling in the program. Now the average number of days for feeding hay is less than 65 days per year, saving the farm an estimated $17,000 per year over the three year span in hay feeding cost. This savings in hay feeding has been accomplished while increasing the number of of animal units being grazed on the farm.

Tags:

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Links:

IMPACT WRITING TRAINING

- Housed on eXtension.org
- Free to members of eXtension
- $80.00 for enrollment otherwise
- https://extension.org/impact-statement-reporting/