

Part I – Agency Profile

Agency Overview

The Agricultural Research and Extension Service (ARES) is part of the land-grant system established by the Morrill Act of 1862. The University of Idaho Cooperative Extension System, established in 1915 under the Smith-Lever Act of 1914, conducts educational outreach programs to improve the quality of life for Idaho citizens by helping them apply the latest scientific technology to their communities, businesses, lives, and families. The Idaho Agricultural Experiment Station, established in 1892 under the Hatch Act of 1887, conducts fundamental and applied research to solve problems and meet the needs in Idaho’s agriculture, natural resources, youth and family, and related areas.

Core Functions/Idaho Code

Conduct educational outreach programs through the University of Idaho Cooperative Extension system. Conduct fundamental and applied research programs through the Idaho Agricultural Experiment Station. Pursuant to **§33-2904**, Idaho Code, the State Board of Education is authorized to conduct agricultural research and extension work.

Revenue and Expenditures

Revenue	FY 2013	FY 2014	FY 2015	FY 2016
General Fund	\$23,604,100	\$24,422,700	\$26,453,700	\$28,736,200
Federal Grant	5,333,566	5,207,468	5,073,983	5,695,642
Misc Revenue	0	0	0	0
Restricted Equine Education	14,557	0	0	0
Total	\$28,952,223	\$29,630,168	\$31,527,683	\$34,431,842
Expenditures	FY 2013	FY 2014	FY 2015	FY 2016
Personnel Costs	\$22,381,690	\$22,590,324	\$24,134,222	\$25,758,151
Operating Expenditures	4,413,296	4,005,379	5,066,027	5,184,195
Capital Outlay	2,208,280	2,154,129	2,704,097	3,082,568
Trustee/Benefit Payments	2,333	0	0	0
Total	\$29,005,599	\$28,749,832	\$31,904,346	\$34,024,914

Profile of Cases Managed and/or Key Services Provided

Cases Managed and/or Key Services Provided	FY 2013	FY 2014	FY 2015	FY 2016
Number of Youth Participating in 4-H	34,769	56,546	55,742	54,786
Number of Individuals/Families Benefiting from Outreach Programs	358,227	375,350	359,662	338,261
Number of Technical Publications (research results) Generated/Revised	179 (CES)	135 (CES)	187 (CES)	167 (CES)

Performance Highlights:

University of Idaho Experiment Stations and Extension Programs

International consortium targets potato cyst nematodes

In FY16 the Potato Programs of Distinction (POD) of University of Idaho scientists led a \$3.2 million international project to combat microscopic worms that can reduce potato yields by 80 percent. The project is developing new controls for the pale cyst nematode and golden nematode and relies on university, federal and industry efforts. The pest’s egg clusters can survive up to 30 years in the soil.

4-H Youth Development enhances leadership, science skills

In FY16 the University of Idaho 4-H Youth Development program reached 54,786 youth with the help of 3,198 volunteers across the state. To build confidence, 14,227 4-H club members delivered oral presentations, and 701 served as youth leaders. To nurture their interest in science, 24,075 youth participated in 4-H technology, State of Idaho

engineering and science projects. To develop leadership, 5840 youth enrolled in personal development and citizenship projects.

Help organized for wildfire victims’ efforts to rehabilitate fire-damaged lands

When wildfires in 2015 burned in Owyhee County and swept through the Clearwater River drainage in northern Idaho, Extension offices became a central hub to respond to the crisis. County Extension offices became a source for communication by developing and distributing fire recovery information packets. They served as a collection site for donations for firefighters and for fire recovery assistance for landowners. Extension offices served as a clearinghouse for connecting those who needed emergency animal shelter and hay with those who could provide animal care. Extension educators organized and facilitated multi-agency efforts to find new ways to help landowners find needed expertise and resources. Extension workshops focused on salvage logging and erosion control. Extension also helps prevent forest fires. Forestry training, reaching more than 1,400 loggers, increases the sustainability of forests by improving logging practices and equips loggers to better serve family forest owners.

Statewide outreach informs high school students about paths to higher education, benefits

In FY16 the University of Idaho with the University of Idaho Extension Services helped high school students and their parents better understand the values of higher education and the paths to get there during enrollment events in 43 locations across the state. *Enroll Idaho* events welcomed high school juniors and seniors and others to informational sessions about the value of higher education, how to pay for it and gave information on programs offered by UI. Statistics show that a postsecondary education boosts earnings by \$22,000 per year, or \$1 million over a lifetime.

Novel university-company collaboration speeds wheat breeding, marketing

In FY16 the University of Idaho’s pioneering agreement with Limagrain Cereal Seeds is improving the development of new wheat varieties as well as transfer of varieties to growers for production. The company began marketing six UI-developed varieties last year. The university and company also signed a three-year renewal agreement, extending the original three-year collaboration. New varieties include three new Clearfield Plus soft white winter wheat varieties with resistance to the herbicide imidazolinone.

Part II – Performance Measures

Performance Measure		FY 2013	FY 2014	FY 2015	FY 2016	Current Year
Scholarly and Creative Activity						
1. Number of External Agricultural Research Grants submitted	actual	312	328	323	298	-----
	benchmark	* n/a	*n/a	350	350	350
2. Number of External Agricultural Grants received	actual	215	281	245	217	-----
	benchmark	*n/a	*n/a	300	300	300
3. Dollar Value of External Agricultural Research Grants	actual	\$15.6M	\$16.1M	\$17.2M	\$14.5M	-----
	benchmark	\$20M	\$20M	\$20M	\$20M	\$20M

*n/a for benchmarks 1 (Number of External Agricultural and Research Grants submitted) and 2 (Number of External Agricultural Grants Received) in FY13 and FY14 are the result of amending the FY15-FY16 Performance Measure from crop development and varieties to a grants submissions and award. No Performances Measures/benchmarks for current items 1 and 2 existed in FY13 and FY14.

Performance Measure Explanatory Notes

Scholarly and Creative Activity: The continuing resolution funding the federal government led to a delay in release of USDA requests for proposals, which reduced the number of grants submitted and received in FY2016. Faculty were active in submitting projects for the FY2016 federal budget due in July 2016 because of the delay. Significant success did occur in FY2016 even with the reduction in federal opportunities available. This included ARES leading an international project trying to eradicate pale cyst nematode. A large influx of new faculty also occurred in FY2016, which will support greater grant submissions in FY2017. Partnerships with the Idaho Wheat

Commission in variety development and with the Potato Variety Management Inc. for potatoes is leading to royalty return to ARES. These funds will aid in improving UI breeding programs.

Outreach and Engagement: We had several open positions so there were fewer faculty members working with the clientele which resulted in fewer face-to-face teaching contacts. The new faculty we hired have not had sufficient time to develop a fully active Extension program to positively affect the performance measures for FY16.

Our clientele are seeking more information electronically (reducing participation in face-to-face class settings) or through walk-in visits to our county offices. Last year there were 401,005 unique page views on our web sites. To address this change in the way our clients seek information, our web sites are now in responsive format and we are focusing on developing more materials for electronic delivery.

Performance Measure Alignment with AERS Strategic Plan

- (1) Scholarly and Creative Activity, Objective 1
- (2) Scholarly and Creative Activity, Objective 1
- (3) Scholarly and Creative Activity, Objective 2
- (4) Outreach and Engagement, Objective 4. This performance measure aligns with this part of the AERS Strategic plan, as these networking opportunities have allowed us to be a better partner with our stakeholders and develop programs that meet their needs, which in some cases they fund.

For More Information Contact

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