

Agriculture & Natural Resources

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Agriculture & Natural Resources

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
111	Conservation and Efficient Use of Water	10%			
121	Management of Range Resources	25%			
122	Management and Control of Forest and Range Fires	5%			
205	Plant Management Systems	20%			
216	Integrated Pest Management Systems	20%			
307	Animal Management Systems	5%			
601	Economics of Agricultural Production and Farm Management	5%			
605	Natural Resource and Environmental Economics	5%			
806	Youth Development	5%			
Total		100%			

V(C). Planned Program (Inputs)

1. Actual amount of professional FTE/SYs expended this Program

Year: 2007	Extension		Research	
	1862	1890	1862	1890
Plan	20.1	0.0	0.0	0.0
Actual	20.1	0.0	0.0	0.0

2. Actual dollars expended in this Program (includes Carryover Funds from previous years)

Extension		Research	
Smith-Lever 3b & 3c 554277	1890 Extension	Hatch	Evans-Allen
	0	0	0
1862 Matching 554277	1890 Matching	1862 Matching	1890 Matching
	0	0	0
1862 All Other 1287532	1890 All Other	1862 All Other	1890 All Other
	0	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

There are primarily four major inter-related and interconnected areas of emphasis in agriculture and natural resources programming:

- * vegetation management
- * watershed health management
- * urban/community horticulture
- * alternative and sustainable agriculture practices or opportunities

Primary outcomes in agriculture & natural resource programming are:

* For land managers to learn and apply sound principles to both maintain and restore rangeland health, reduce weeds and impacts of fires.

* For stakeholders (individuals, land owners, land managers, community leaders, business/industry, etc.) in water management issues to learn sound principles for the effective and efficient management and utilization of Nevada's riparian areas and to work together in apply these principles at all levels to maximize benefit.

* For individual home owners and businesses in urban areas to learn and apply landscaping and horticulture practices which suit the climate and limited water resources of Nevada.

* To identify sustainable agriculture alternative practices and opportunities for Nevada, for producers to learn and apply these in their agriculture operations.

A variety of activities both educational outreach and applied research were undertaken in each of these areas. Applied research was also focus on both social and "best management practices" for Nevada as it relates to the areas of emphasis.

2. Brief description of the target audience

Target audience is multiple and varied. First, Nevada land managers both public and private. Second, stakeholders in water related issues (individuals, land owners, land managers, community leaders, business/industry, etc.). Third, home and business owners for horticulture and landscaping practices. Fourth, ag producers interested in sustainable and alternative agricultural practices. Youth in 4-H program are also a target audience although not the primarily focus for most of these programs.

V(E). Planned Program (Outputs)

1. Standard output measures

Target for the number of persons (contacts) reached through direct and indirect contact methods

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	3690	8800	850	100
2007	57864	0	12316	6955

2. Number of Patent Applications Submitted (Standard Research Output)

Patent Applications Submitted

Year	Target
Plan:	0
2007:	0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

	Extension	Research	Total
Plan			
2007	43	0	0

V(F). State Defined Outputs**Output Target****Output #1****Output Measure**

Number of journal articles or UNCE publications related to agriculture & natural resources (including horticulture) produced.

Year	Target	Actual
2007	5	43

Output #2**Output Measure**

Number of individuals reached directly with agriculture & natural resource information (including water and horticulture) through workshops, trainings & one on one or other direct method including phone and e-mail consultations.

Year	Target	Actual
2007	3690	70180

Output #3**Output Measure**

Number of phone calls and e-mails handled by Master Gardener volunteers.

Year	Target	Actual
2007	{No Data Entered}	11689

Output #4**Output Measure**

Number of 'Noxious Weed Control (Using Livestock as a Tool in Noxious Weed Control in Nine Western States)' manuals distributed including other states.

Year	Target	Actual
2007	{No Data Entered}	1682

Output #5**Output Measure**

Number green industry employees certified in proper horticultural techniques.

Year	Target	Actual
2007	{No Data Entered}	1000

Output #6**Output Measure**

Number of youth and adults reached in the 'Food for Thought' program (building on the school gardens program) designed to teach Southern Nevada school faculty, staff, and students awareness of the desert environment, demonstrate the geographic sources of their food, and encourage healthy eating and activities.

Year	Target	Actual
2007	{No Data Entered}	11400

Output #7**Output Measure**

Number of Spanish language workers trained in best management practices to protect the water quality of Lake Tahoe.

Year	Target	Actual
2007	{No Data Entered}	20

Output #8**Output Measure**

Number of best management practices site evaluations performed on private property in the Lake Tahoe region to protect the water quality of Lake Tahoe.

Year	Target	Actual
2007	{No Data Entered}	1169

Output #9**Output Measure**

Number of individual land managers and private land/home owners reached with information about how to live more safely in high fire hazard environments.

Year	Target	Actual
2007	{No Data Entered}	3700

V(G). State Defined Outcomes

O No.	Outcome Name
1	Number of target audiences who will learn best management practices for agriculture, natural resources, horticulture or water quality/quantity.
2	Number of target audiences who apply or use best management practices learned for agriculture, natural resources, horticulture or water quality/quantity.
3	Number of youth and adults gaining a better understanding of agriculture and greater appreciation through the 'Eagles & Agriculture' program for the role agriculture plays in providing wildlife habitat.
4	Adoption of 'risk management' knowledge learned to make agriculture production more sustainable.
5	Adoption of tef as an viable and economic alternative crop for Nevada producers which also conserves water.
6	Number of Certificates of Completion awarded by Tahoe Regional Planning Authority (TPRA). These show behavior change because every property that earns a Certificate of Completion must have 'best management practices' implemented correctly.
7	Percentage of Nevada Fire Safe Council (NFSC) members responding to an online survey that were familiar with the 'Living with Fire' program, wildfire hazard and threat reduction.
8	Percent of participants (from extreme or high wildfire hazard communities) attending 'Nevada Wildland Urban Interface Fire Summit' who gained a better understanding of the wildfire threat to their communities.

Outcome #1

1. Outcome Measures

Not reporting on this Outcome for this Annual Report

2. Associated Institution Types

3a. Outcome Type:

3b. Quantitative Outcome

Year	Quantitative Target	Actual
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3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

KA Code	Knowledge Area
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V(H). Planned Program (External Factors)

External factors which affected outcomes

Appropriations changes

Public Policy changes

Competing Programmatic Challenges

Brief Explanation

In this past year there were no significant external factors impinging on the outcomes.

V(I). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

Before-After (before and after program)

Time series (multiple points before and after program)

Case Study

Evaluation Results

{No Data Entered}

Key Items of Evaluation

{No Data Entered}