

Animal Science - Beef Cattle

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Animal Science - Beef Cattle

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
305	Animal Physiological Processes			30%	
306	Environmental Stress in Animals			70%	
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	0.0	0.0	0.5	0.0
Actual	0.0	0.0	0.5	0.0

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

Extension		Research	
Smith-Lever 3b & 3c	1890 Extension	Hatch	Evans-Allen
0	0	4165	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	0	1736	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	0	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

The objective of this study was to evaluate the relationship between temperament and growth in Senepol calves from weaning to yearlings. Bull (n = 22) and heifer (n= 31) calves were evaluated at weaning (211 d of age), 90 d post-weaning (302 of age) and as yearlings (374 d of age) using chute score (CS) and exit velocity (EV) as indicators of temperament. Calves were weighed at each evaluation and scrotal circumference (SC) was measured for bulls as yearlings. The CS was determined on a 1 to 5 scale with 1 being calm and 5 being extremely agitated and EV, reported in m/sec, was measured as the animals exited the chute using an electric timing system.

2. Brief description of the target audience

Target audiences would include beef cattle producers in the tropics and southern US. Because some of the results were presented at an international conference in Panama, the target audience is expanded to include cattle producers from Central and South America.

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	0	0	0	0
2007	0	0	0	0

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	0	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

Abstracts

Year	Target	Actual
2007	1	1

Output #2

Output Measure

Journal articles

Year	Target	Actual
2007	0	0

Output #3

Output Measure

International Presentations

Year	Target	Actual
2007	{No Data Entered}	1

V(G). State Defined Outcomes

O No.	Outcome Name
1	# of farmers using temperament to select cattle

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

Other (Staff shortages)

Brief Explanation

Staff vacancies in eth program had a small impact on realizing outcomes. There just wasn't enough time to get everything done between field work and office work this year. It is hoped that these staff positions will be filled within the upcoming year.

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

1. Evaluation Studies Planned

Other ()

Evaluation Results

Key Items of Evaluation