V(A). Planned Program (Summary)

Program # 1

1. Name of the Planned Program

Horticulture Production

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

<table>
<thead>
<tr>
<th>KA Code</th>
<th>Knowledge Area</th>
<th>%1862 Extension</th>
<th>%1890 Extension</th>
<th>%1862 Research</th>
<th>%1890 Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>203</td>
<td>Plant Biological Efficiency and Abiotic Stresses Affecting Plants</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

V(C). Planned Program (Inputs)

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

<table>
<thead>
<tr>
<th>Year: 2009</th>
<th>Extension</th>
<th>Research</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1862</td>
<td>1890</td>
</tr>
<tr>
<td>Plan</td>
<td>0.0</td>
<td>1.7</td>
</tr>
<tr>
<td>Actual</td>
<td>(NO DATA ENTERED)</td>
<td>(NO DATA ENTERED)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Extension</th>
<th>Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smith-Lever 3b &amp; 3c</td>
<td>Hatch</td>
</tr>
<tr>
<td>(NO DATA ENTERED)</td>
<td>(NO DATA ENTERED)</td>
</tr>
<tr>
<td>1862 Matching</td>
<td>1862 Matching</td>
</tr>
<tr>
<td>(NO DATA ENTERED)</td>
<td>(NO DATA ENTERED)</td>
</tr>
<tr>
<td>1862 All Other</td>
<td>1862 All Other</td>
</tr>
<tr>
<td>(NO DATA ENTERED)</td>
<td>(NO DATA ENTERED)</td>
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</tbody>
</table>

V(D). Planned Program (Activity)

1. Brief description of the Activity

1). Conduct training for county extension staff, master gardeners, small-scale and limited-resource farmers, and 4-H club members.
2). Write monthly news columns/articles on various production issues on small fruits and vegetables and develop and review horticultural crops publications/factsheets.
3). Conduct farm visits.
4). Conduct research on selected horticultural crops to determine the best adapted cultivars for small-scale and limited-resource farmers.

2. Brief description of the target audience

The target audience is the small-scale and limited-resource farmers. Many of these individuals lack adequate economic, technical or social resources to maintain viable operations on row-crops. Horticultural crop production will help these farmers increase farm profitability and economic status.

V(E). Planned Program (Outputs)
1. Standard output measures

<table>
<thead>
<tr>
<th></th>
<th>Direct Contacts Adults</th>
<th>Indirect Contacts Adults</th>
<th>Direct Contacts Youth</th>
<th>Indirect Contacts Youth</th>
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</thead>
<tbody>
<tr>
<td>Plan</td>
<td>175</td>
<td>200</td>
<td>20</td>
<td>30</td>
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<tr>
<td>Actual</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
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</tbody>
</table>

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

Patent Applications Submitted

Year: 2009
Plan: 0
Actual: {No Data Entered}

Patents listed
{No Data Entered}

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

<table>
<thead>
<tr>
<th></th>
<th>Extension</th>
<th>Research</th>
<th>Total</th>
</tr>
</thead>
<tbody>
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<td>Plan</td>
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<td>1</td>
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<tr>
<td>Actual</td>
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<td>1</td>
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</tbody>
</table>

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Increase diversity of horticultural crops produced by limited-resource and small-scale farmers in Eastern and Southern Arkansas.
  Not reporting on this Output for this Annual Report

Output #2

Output Measure

- Increase the number of limited-resource and small-scale farmers participating in local markets (farmers' markets, pick your own operations, road side stands etc.).
  Not reporting on this Output for this Annual Report

Output #3

Output Measure

- Increase avarage quantity (lbs.)of marketable horticultural crops produced by each limited-resource or small-scale farmer in Eastern and Southern Arkansas.
  Not reporting on this Output for this Annual Report
### V(G). State Defined Outcomes

<table>
<thead>
<tr>
<th>O. No.</th>
<th>OUTCOME NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Increase horticultural crop production (percentage) by small-scale and limited resource farmers,</td>
</tr>
<tr>
<td>2</td>
<td>Increase economic opportunity and quality of life (percentage) for limited-resource farmers by improving their farm profitability.</td>
</tr>
<tr>
<td>3</td>
<td>Recommend additional crop/cultivar for small-scale and limited resource farmers in Eastern and Southern AR.</td>
</tr>
</tbody>
</table>
Outcome #1

1. Outcome Measures

Increase horticultural crop production (percentage) by small-scale and limited resource farmers,

Not Reporting on this Outcome Measure

Outcome #2

1. Outcome Measures

Increase economic opportunity and quality of life (percentage) for limited-resource farmers by improving their farm profitability.

Not Reporting on this Outcome Measure

Outcome #3

1. Outcome Measures

Recommend additional crop/cultivar for small-scale and limited resource farmers in Eastern and Southern AR.

Not Reporting on this Outcome Measure

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Economy
- Public Policy changes
- Competing Public priorities
- Competing Programmatic Challenges

Brief Explanation

(No Data Entered)

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

1. Evaluation Studies Planned

- Before-After (before and after program)
- During (during program)

Evaluation Results

Key Items of Evaluation