

**2007 University of Arkansas at Pine Bluff Combined Research and Extension Plan of
Work
Aquaculture Alternatives in Arkansas**

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

- 302 10% Nutrient Utilization in Animals
- 307 50% Animal Management Systems
- 308 10% Improved Animal Products (Before Harvest)
- 311 10% Animal Diseases
- 602 10% Business Management, Finance, and Taxation
- 603 10% Market Economics

V(C). Planned Program (Situation and Scope)

1. Situation and priorities

Arkansas fish farmers are seeking new crops to diversify their operations. Baitfish markets are not expanding, and catfish prices have been hurt by competition from imports. The priority is to facilitate the continued operation of existing farms, and the development of new aquaculture businesses.

V(D). Planned Program (Assumptions and Goals)

1. Assumptions made for the Program

That research will identify economically viable alternative aquaculture crops.

2. Ultimate goal(s) of this Program

To improve the economy of rural Arkansas through the development of new businesses.

V(F). Planned Program (Activity)

1. Activity for the Program

Compile existing information on alternative aquaculture crops, budgets and markets for those crops. Disseminate the information through newsletters, fact sheets, presentations, and individual contacts. Year 1. Fact sheet on aquaculture alternatives. Field day poster presentation on alternative species. Year 2. Update fact sheet on small scale catfish production. Revise fact sheet on baitfish budgets. Year 3. Revise fact sheet on holding fish for sale. Year 4. Revise fact sheet on using existing ponds for fish production. Year 5. Revise fact sheet on cleaning fish for sale.