### **Arkansas 4-H Project Reflection**

## **Agriculture Project**

**Date** 

Name



Objectives for All Projects	<ul> <li>Apply all 4-H training and experience in choosing and preparing for a vocation</li> </ul>
	Practice leadership skills and roles in 4-H and the community
	Take part in community affairs and demonstrate citizenship responsibility.
	<ul> <li>Develop integrity, sportsmanship and decision-making capability, and public speaking skills through experiential learning.</li> </ul>
Objectives for this Agriculture project	This project will provide opportunities for youth to improve their understanding of modern farming and overall agriculture practices.
	To obtain a broad knowledge in multiple agricultural project areas of choice.
	• 4-H members will develop in self and others, a knowledge and respect for agriculture by informing and promoting the source of our food and fiber.
	<ul> <li>Develop a basic understanding of crop and livestock management and the importance of these management practices to the community and international economy.</li> </ul>
	• Develop skills that contribute to profitable, efficient farming and ranching.
	Practice and promote farm safety and quality assurance practices.
	Incorporate appropriate technology into farming operation

I worked toward the following objectives this year: (list)

List talks and illustrated presentations related to the projects reported by title

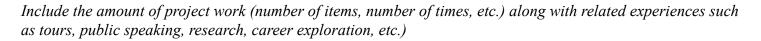
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What have you learned in this project?
List what you have learned as a result of participation in the project along with skills you have acquired related to the project.
Leadership Experiences in this project
4-H Leadership
Other Leadership
Citizenship Experiences in this project
4-H Citizenship

Other Citizenship

### **Arkansas 4-H Project Worksheet**

#### **Participation in the 4-H Agriculture Project**





Activity – These are examples – add or delete categories as needed	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Crop Management													
Personal crops/horticulture													
Hours spent in the field scouting,etc													
Management/IPM practices													
Soil samples taken													
Gallons of water used to irrigate													
Crops/vegetables raised (bushels, lbs.)													
Crop/horticulture exhibits													
Production costs (seed, fertilizer, chemicals, soil tests, irrigation costs, fuel, etc.)													
Income from sale of crops													
Profit or loss													
Family crops I assist with													
Hours spent													
Crops/vegetables raised (bu., lbs.)													

Livestock Management	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Personal livestock (list by species)													
Purchased Livestock													
Raised Livestock													
Show animals													
Hours spent in livestock care & management.													
Management practices													
Production Costs (feed, vet supplies, ID tagging, etc.)													
Income from sale of livestock													
Profit or loss													
Livestock Inventory (list by species & gender)													
Livestock exhibits													
(may list by species)													
Livestock shows entered													
Family livestock I assist with													
Hours spent in livestock care & management.													
# of livestock I care for													

Forage/Grass/Hay Management	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Different Grasses used for forage pdn (# of grasses identified)													
Forage Investigation													
Fertilizer													
Scouting													
Farm Safety													
Wore protective clothing when handling chemicals													
Used safe procedures when operating machinery													
Tractor													
Combine													
Hay equipment													
Spray equipment													
ATV safety training													
Attended Farm Safety Day													
Attend Tractor Safety class and pass certification exam													
<b>Equipment Operation/Maintenance</b>													
Lawn Garden Equipment (hours)													
Farm Equipment													
List equipment and hours													
Example – hay baler – 25 hours													
Hours spent studying commodity or livestock markets													

<b>Vet/Quality Assurance Practices</b>	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Vaccinations													
Bloat management													
Antibiotic shots													
Internal Parasite control													
External Parasite control													
Assist with birthing													
Castrations													
Dehorning													
Hoof Trimming													
Artificial Insemination													
Sanitation													
Pens cleaned (# of times)													
Fresh bedding (# of times)													
Wash hands before and after handling animals													
Waste Management													
Housing maintenance													
Books/Articles read													
Tours													
Judging Contest Participation													
Agriculture-related employment /job shadowing/interns(hours)													
Programs conducted promoting source of food and fiber													
Educational meetings attended (# and hours)													