**Agriculture in Society**

**Unit 2:** Animal andLivestock Production in Agriculture

**Lesson 1:** Animal Agriculture

**Lesson 1.5:** Dairy Production in Oklahoma

State Orientation to Agriculture in Society Standards:

**OAS 3.02** Describe animal agricultural production in Oklahoma, focusing on key regions, major operations, and economic impacts

**OAS 3.03** Sketch production systems, cycles, and phases for livestock production

**OAS 3.04** Describe the impact of livestock animals in Oklahoma

National AFNR Standards:

**AS.01** Analyze historic and current trends impacting the animal systems industry

**FPS.06** Analyze the interaction among AFNR systems in the production, processing and management of food, fiber, and fuel and the sustainable use of natural resources

**FPS.02** Evaluate the nature and scope of the agriculture, food & natural resources in society and the economy

Student Learning Objectives:

1. Students will discuss the dairy industry in Oklahoma, including the economic and societal benefits of agriculture
2. Students will sketch the production systems, cycles, and phases of dairy production in Oklahoma

Outside Resources

1. Ag in the Classroom
   1. [3-D Dairy](https://cdn.agclassroom.org/ok/lessons/dairy/3d.pdf) (OAS 3.02)
      1. **Lesson Plan, Activity-** Students will interpret and graph charts outlining dairy statistics, providing students with a deeper understanding of the impact the dairy industry has in Oklahoma.
2. AgEd Net
   1. [Dairy Lessons Library](https://www.agednet.com/menula.shtml) (OAS 3.02, OAS 3.03, OAS 3.04)
      1. **Lesson Plan, Slideshow, Activity, Worksheets-** This library of resources provides many different resources related to dairy production. Scroll to the Dairy topics lessons. LA180 provides the closest resources to accomplishing the standards listed above.
3. One Less Thing
   1. [The Dairy Industry](https://www.onelessthing.net/products/6-12-the-dairy-industry-lesson-plan) (OAS 3.03, OAS 3.04)
      1. **Lesson Plan, PowerPoint, Activity-** This lesson helps students develop an understanding of the impact of the dairy industry and its products on our daily lives.