**Agriculture in Society**

**Unit 3:** Plant Science in Agriculture

**Lesson 1:** Major Agricultural Crops in Oklahoma

**Lesson 1.5:** Sorghum

State Orientation to Agriculture in Society Standards:

**OAS 4.01** Examine the roles, uses, processes, and impacts of Oklahoma’s major crops

National AFNR Standards:

**PS.03** Propagate, culture and harvest plants and plant products based on current industry standards

Student Learning Objectives:

1. Students will describe the role of wheat in Oklahoma

Outside Resources

1. Ag in the Classroom
   1. [Sorghum Feeds Oklahoma's Cattle](https://cdn.agclassroom.org/ok/lessons/lessons/sorghum.pdf)
      1. **Lesson Plan and Activity -** Students will read about and discuss the different forms sorghum as they are used around the world. Students will compare sorghum molasses with other sweeteners before following a recipe to make gingerbread from sorghum molasses. Students will participate in writing exercises related to sorghum.
   2. [Sorghum: The Super Grain](https://agclassroom.org/matrix/resource/1274/)
      1. **Video –** Explore the world of sorghum in school meals. Learn about its origin, growth in the United States, sustainability, and nutritional benefits. Discover how sorghum can be used in various recipes and its advantages as a gluten-free, high-fiber, and antioxidant-rich grain.
2. Sorghum CheckOff
   1. [PowerUp with Sorghum](https://www.sorghumcheckoff.com/wp-content/uploads/2023/06/7_12_Lesson_Plan_Sorghum_Toolkit.pdf)
      1. **Lesson Plan and Activity –** Introduces students to sorghum through learning about basic sorghum facts and even learning more about the MyPlate food guide.