**Agriculture in Society**

**Unit 3:** Plant Science in Agriculture

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

**Lesson 1.6:** Soybeans

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 soybean production in Oklahoma

Outside Resources

1. AgEd Net
   1. [Soybean Resources](https://www.agednet.com/subs/cs117.shtml)
      1. **Lesson Plan, Activity, Puzzle, Worksheet –** This provides a wide variety of resources that accomplishing the standard listed above.
2. Grow Next Gen
   1. [Uses of Soybeans PowerPoint](https://grownextgen.org/media/pages/curriculum/meet-the-bean/soybeans-are-everywhere/efbd5b9060-1714675199/uses-of-soybeans.pdf)
      1. **Slideshow -** This slideshow introduces students to the wide variety of uses of soybeans, ranging from agricultural products to ice cream and industrial products.
   2. [Meet the Bean: Soybeans are Everywhere!](https://grownextgen.org/curriculum/meet-the-bean)
      1. **Resource Library –** this resource helps students learn more about the uses of soybeans. Through arts and crafts and traditional lessons, students will gain a greater understanding of soybeans.
   3. [Beans about Water: Soybeans and Food Science](https://grownextgen.org/curriculum/beans-about-water-soybeans-and-food-science)
      1. **Lesson Plan -**  Students will learn more about how soybeans, and soy, are important in the field of food science by conducting experiments.