

SHEET AND RILL EROSION PREDICTION (OK-ECS-004)

Overview

This course will familiarize the participants with the knowledge necessary to use the current sheet and rill erosion prediction tool. Participants will use the current computer program in class. Key functions of the program will be discussed including the Soil Condition Index and the STIR factor. Important values of using the water erosion prediction tool will be reviewed. Crop scenarios will be covered in examples.

Objectives

Upon completion of this training, participants will be able to:

1. Understand the water erosion process.
2. Understand the functions of the computer program and how it is used to determine soil loss.
3. Use the computer program to make soil loss determinations for simple as well as more complex crop scenarios.
4. Know how changes in farming techniques will change soil loss.
5. Understand the Soil Condition Index and STIR factor.

Prerequisites

Generally, employed for a minimum of six months.

Duration

1 day