

Plant Breeding for Drought Tolerance

A short course at Colorado State University
June 14-25, 2010

www.droughtadaptation.org

Colorado State University, University of Nebraska-Lincoln, and Oklahoma State University faculty members in plant breeding, genetics, and physiology have joined together to offer a 3-credit short course in Plant Breeding for Drought Tolerance at Colorado State University, **June 14-25, 2010**. The course is targeted to graduate students in the plant sciences, as well as to professionals in the public and private sectors. It will provide three transferable graduate-level credits.

This intensive short course will consist of **classroom lectures**, **hands on lab exercises**, and **field research** in a drought breeding program at experimental field sites in Eastern Colorado and Western Nebraska. Participants should have a solid understanding of basic plant physiology and genetics prior to enrollment. Course objectives are designed around 3 modules:

- **Whole Plant Physiology of Drought Stress**
- **Plant Breeding for Drought Stress Tolerance**
- **Genomic Approaches to Drought Stress Tolerance**

The course will culminate in a symposium on drought adaptation research which is open to the public. Presentations will be given by Roberto Tuberosa (University of Bologna), Renee Lafitte (University of California), Rachid Serraj (International Rice Research Institute), Lisa Donovan (University of Georgia), and from many other top scientists in the field of plant breeding for drought tolerance. Visit the Plant Breeding for Drought Tolerance website for registration and more information on the course and symposium at www.droughtadaptation.org.

