

**Barley Coordinated Agricultural Project Work Plan FY07 (4/1/07 – 3/31/08)**  
**Donald Obert, USDA-ARS, Idaho**

**1) Describe the research, education, and outreach activities you are planning for the next year (4/1/07 – 3/29/08)**

Our research will focus on phenotyping the 96 CAP lines for the year 2007. They will be treated the same as in 2006 except that the locations may vary, depending on the funding received. Outreach activities will occur at various field days throughout Idaho and when speaking to any groups which visit our program.

**2) List specific outcomes and deliverables that will be accomplished in the first 6 months (4/1 – 9/30).** These will be used as benchmarks for your bi-annual progress report. Probably none, as the phenotypic data will not yet be compiled.

**3) List specific outcomes and deliverables that will be accomplished in the second 6 months (10/1 – 3/31).**

4) These will be used as benchmarks for the bi-annual progress report. All phenotypic data which is available. All agronomic data will be included and any available quality data that has been completed.

**Barley Coordinated Agricultural Project Biannual Progress Report**  
**FY06 (4/1/06 – 3/31/07)**

**Don Obert, USDA-ARS, Aberdeen, ID**

**1) Describe the research, education, and outreach activities you completed in the second half of the FY06 (10/01/06 – 3/31/07)**

Research: We collected data for the 96 USDA CAP breeding lines and the CAP common checks Robust, Harrington, and Baronesse for percentage plump kernels and test weight. Grain protein concentration and all other malt measurements will come from malting quality analysis of grain samples through the USDA CCRU and are expected in the 1st half of FY2007.

Outreach: I presented information regarding the CAP grant at the Food Barley summit which was held in Aberdeen, ID in early November. Approximately 50 people from various industry and public institutions attended the summit.

**2) List specific outcomes and deliverables accomplished in the second half of FY06 (10/1/06 – 3/31/07).**

- Sent breeders seed to collaborators (Cooper, Steffenson, Blake) by April 1
- Collected breeder trait data from locations in Idaho for the 96 USDA CAP lines to Jennifer Kling.