

Final Report

Arizona Grain Research and Promotion Council

August, 2010

Small Grain Advisory

Mike Ottman
University of Arizona

FINAL REPORT

Arizona Grain Research and Promotion Council
August, 2010

TITLE: Small Grain Advisory

INVESTIGATOR: *Mike Ottman*, Extension Agronomist, Univ. of Arizona

DURATION: September, 2009 to September, 2010

BACKGROUND: Cooperative Extension has a history of sending advisories to their clientele. Examples include the Alfalfa Report and Cotton Advisory. These mailings help growers make crop management decisions. This is the 8th year of the Small Grain Advisory.

OBJECTIVES: Distribute a bi-weekly Small Grain Advisory.

DESCRIPTION OF THE WORK: A Small Grain Advisory was developed for Yuma, La Paz, Mohave, Maricopa, Pinal, Pima, and Graham Counties and posted on a bi-weekly basis on the World Wide Web. The advisories began in January and ended in May (Table 1). The advisories contain information on crop growth stage and water use throughout the season. Weather data from AZMET were used to estimate crop growth stage and water use.

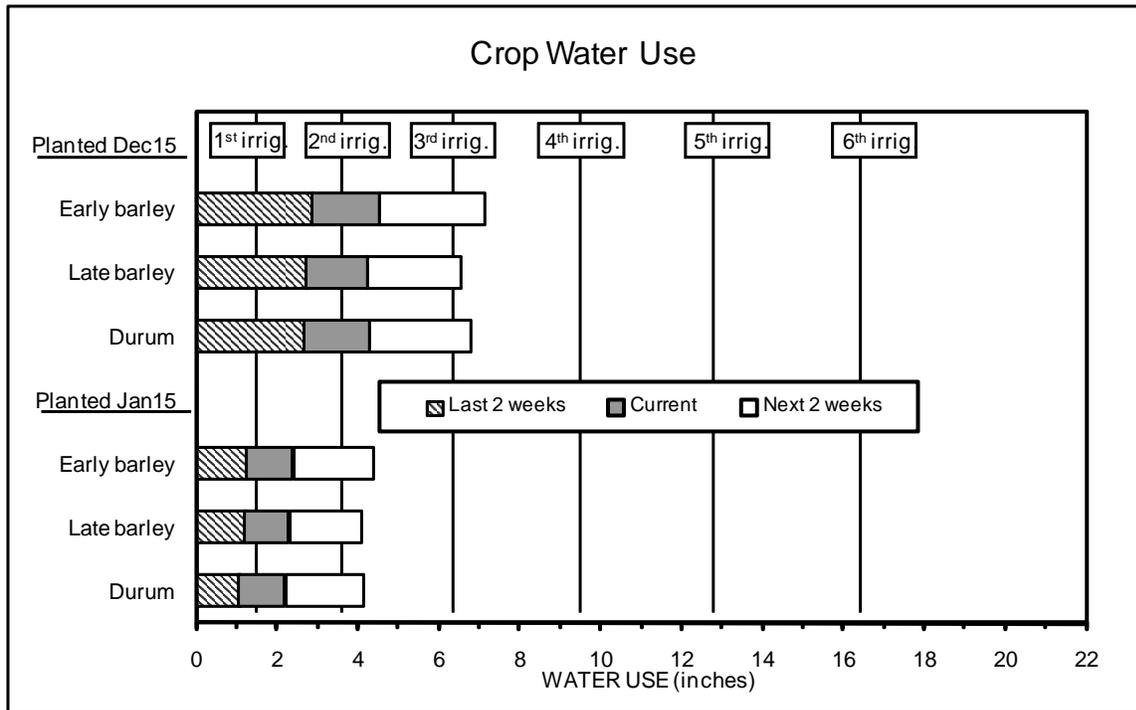
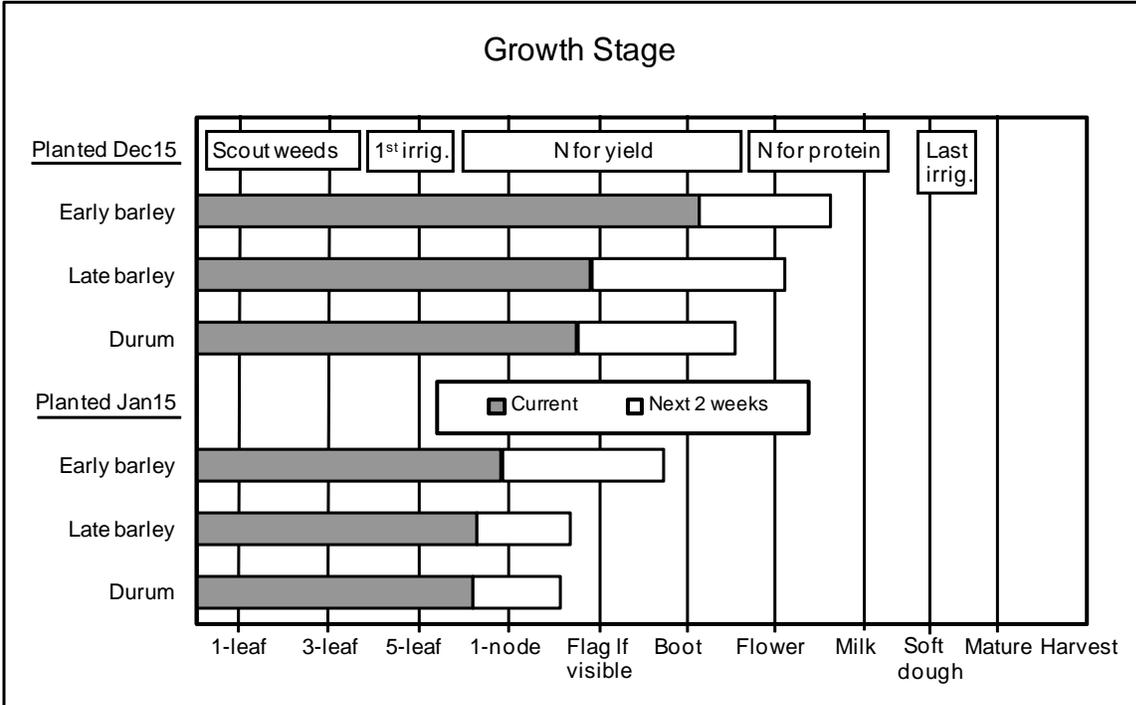
RESULTS: A total of 9 Small Grain Advisories for 12 locations (see table below) were developed posted on my website, and a link to the last advisory posted can be found at <http://extension.arizona.edu/programs/forage-and-grain-crops>. An example advisory is provided on the next page.

| County | Location | Beginning date | Ending date | Number of Advisories |
|----------|-------------|----------------|-------------|----------------------|
| | | | | |
| Yuma | Roll | Jan 24 | May 16 | 9 |
| | Yuma Valley | Jan 24 | May 16 | 9 |
| La Paz | Parker | Jan 24 | May 16 | 9 |
| Mohave | Mohave | Jan 24 | May 16 | 9 |
| Maricopa | Paloma | Jan 24 | May 16 | 9 |
| | Buckeye | Jan 24 | May 16 | 9 |
| | Harquahala | Jan 24 | May 16 | 9 |
| | Queen Creek | Jan 24 | May 16 | 9 |
| Pinal | Pinal | Jan 24 | May 16 | 9 |
| Pima | Marana | Jan 24 | May 16 | 9 |
| Graham | Safford | Jan 24 | May 16 | 9 |
| | Bonita | Jan 24 | May 16 | 9 |

Pinal (Maricopa and Coolidge)

Small Grain Advisory

March 7, 2010



(Note: The irrigation timing is for flood irrigation on a sandy clay loam soil and does not consider rainfall. This advisory was developed by Mike Ottman, Extension Agronomist, University of Arizona using AZMET weather data. Funding for this project was received from the Arizona Grain Research and Promotion Council. Small grain advisories are available online at <http://extension.arizona.edu/programs/forage-and-grain-crops>)