

Final Report

Arizona Grain Research and Promotion Council

August, 2006

Small Grain Advisory

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FINAL REPORT

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TITLE: Small Grain Advisory

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

DURATION: September, 2005 to September, 2006

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 fourth year of the Small Grain Advisory.

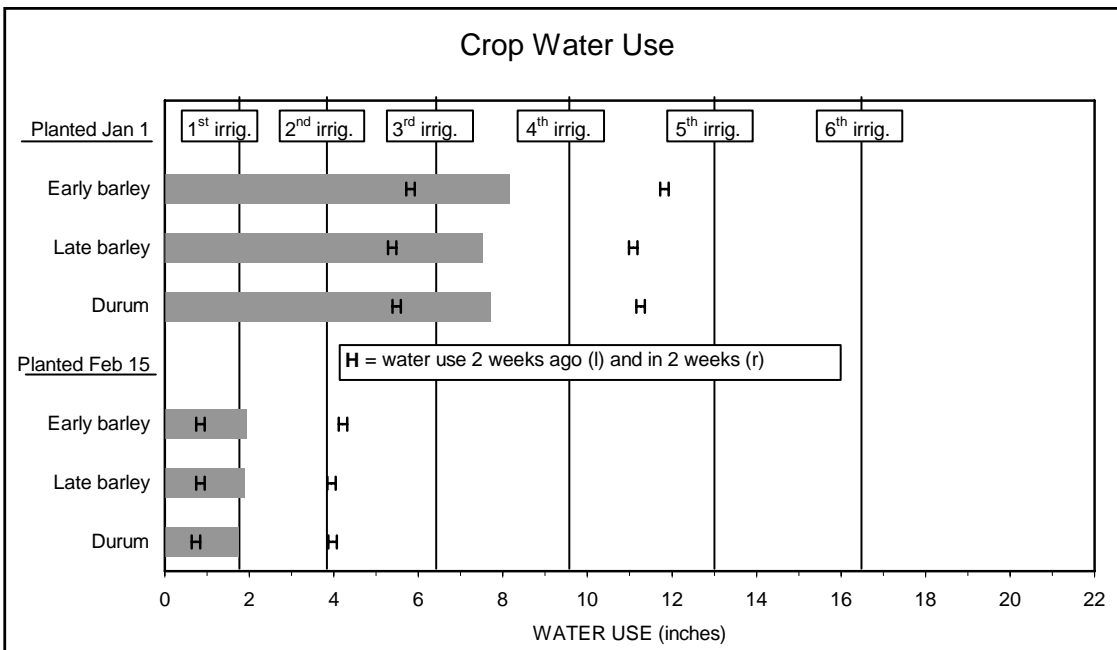
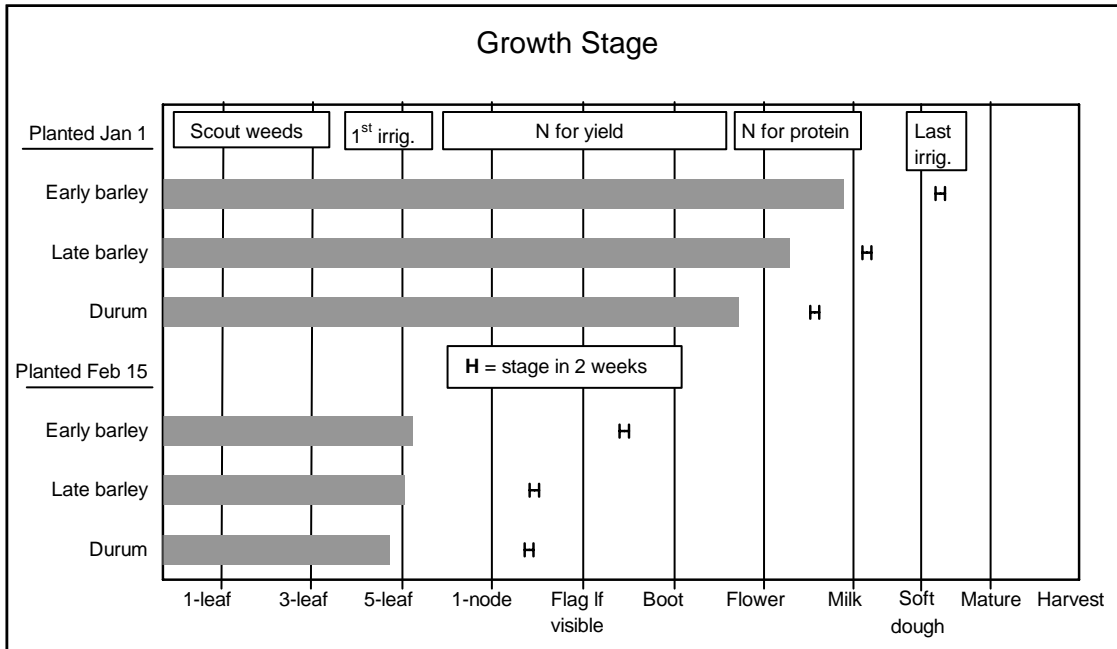
OBJECTIVES: Distribute a bi-weekly Small Grain Advisory.

DESCRIPTION OF THE WORK: A Small Grain Advisory was developed for Yuma, La Paz, Mohave, Maricopa, Pinal, Pima, and Graham Counties and distributed on a bi-weekly basis through County Cooperative Extension Offices and 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: About 11 Small Grain Advisories for 12 locations (see table below) were developed and distributed via mail, e-mail, or fax. In addition to being mailed, the advisories were also posted on my website (<http://ag.arizona.edu/forageandgrain/smalladv.html>). An example advisory is attached.

County	Location	Beginning date	Ending date	Number of Advisories
Yuma	Roll	Jan 9	May 28	11
	Yuma Valley	Jan 9	May 28	11
La Paz	Parker	Jan 9	May 28	11
Mohave	Mohave	Jan 9	May 28	11
Maricopa	Paloma	Jan 9	May 28	11
	Buckeye	Jan 9	May 28	11
	Harquahala	Jan 9	May 28	11
	Queen Creek	Jan 9	May 28	11
Pinal	Pinal	Jan 9	May 28	11
Pima	Marana	Jan 9	May 28	11
Graham	Safford	Jan 9	May 28	11
	Bonita	Feb 19	May 28	8

Yuma Valley Small Grain Advisory March 19, 2006



(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.)