

Agronomic Crop Survey Preliminary Data Summary

11/19/09

Yuma, Aug 26: n=18

Maricopa, Sept 29: n=10

Crop Interest

- Alfalfa and wheat were the primary crops of interest to most Yuma responders. There was also moderate interest in alfalfa seed, sudangrass and Bermudagrass for hay and seed.
- Alfalfa, wheat and corn for silage ranked highest among central AZ responders. There was moderate interest in sorghum for silage and grain.

Pest Concerns by Category

Alfalfa: Weeds and Insects ranked high in both alfalfa and seed alfalfa for Yuma growers. In central AZ, main concern was weed management in non-seed alfalfa.

Wheat: Weeds were the top concern for all responders, with insects and diseases also important.

Sudangrass in Yuma: Weeds were most important, followed by insects.

Bermdagrass seed in Yuma: Weeds are a concern.

Corn for silage (central AZ): Weeds were important, and insects slightly important.

Pest Management Topics by crop/pest

Alfalfa:

Aphids: pesticide selectivity (3); Biological control (3); thresholds/timing (3); new technology (3)

EAW: pesticide efficacy (3); new technology (3)

Leps: pesticide efficacy (3); new technology (3)

Leafhoppers: pesticide efficacy (4); new technology (3)

Broadleaf weeds: new technology (4); pesticide efficacy (3)

Grasses: pesticide efficacy (4); new technology (3); pesticide resistance (3); resistant varieties (3)

Sedges: pesticide efficacy (3); new technology (3)

Wheat:

Aphids: pesticide efficacy (5); new technology (3); resistant varieties (3)

Broadleaf weeds: new technology (7); pesticide efficacy (6); pesticide resistance (3); crop management (3)

Canarygrass: pesticide efficacy (6); new technology (5); pesticide resistance (3); crop rotation (3)

Other grasses: pesticide efficacy (6); new technology (5); pesticide resistance (3);
crop rotation (3)

Wild Oats: pesticide efficacy (6); new technology (5)