FARMING WITH BENEFICIAL INSECTS FOR PESTICIDE CONTROL:
CONSERVATION BIOLOGICAL CONTROL SHORT COURSE

This is a full-day Conservation Biological Control short course. Topics include supporting beneficial insects that provide pest control, conservation biological control, integrating beneficial insects back into cropping systems. Participants will learn how common farm practices can impact beneficial insects and how to assess and create farm habitat for beneficial insects.

When: Tuesday April 17, 2018, 9AM - 4PM
Where: Tucson Plant Materials Center 3241 N Romero Rd Tucson, AZ 85705
Who: Growers, PCAs, Ag industry and government representatives, and anyone interested in beneficial insects & biocontrol in Arizona

Agenda / To register, click here / 6 CEUs Approved!

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THE 4TH ANNUAL ARIZONA ALFALFA AND FORAGE CROPS WORKSHOP

For all of you that couldn’t attend the Alfalfa and Forage Crops Workshop held on March 28th, Dr. Ayman Mostafa was able to get the presentations available to you online - just click on the links! Please contact me with any questions.

- **The Hay Quality-Yield Tradeoff**
  Dr. Glenn Shewmaker, *University of Idaho*

- **Harvesting and Storing Dry Hay: Cautions and Consequences**
  Dr. Wayne Coblentz, *USDA-ARS, US Dairy Forage Research Center*

- **Forage Quality from a Dairy Nutritionist’s Perspective**
  Dr. Richard Norell, *University of Idaho*

- **The Impact of Forage Quality on Feed Formulation and Dairy Performance**
  Dr. Rosemarie Zimbelman, *Dairy Nutrition Services Inc.*

- **Spring Water Supply Update**
  Dr. Paul Brown, *University of Arizona*

- **Determinants of Alfalfa Prices and Risk Management Considerations**
  Dr. Russ Tronstad, *University of Arizona*

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**COTTON ADVISORY**

**WEATHER UPDATE**

- Sunny, hot & dry through mid-week with daytime temperatures approaching record levels. A strong storm system will pass north of AZ Thursday, resulting in windy & much cooler conditions Friday & Saturday. No precipitation is expected with this system. Warmer conditions will return by Sunday.
- Warm spring weather has resulted in above normal HU accumulation. Growers are encouraged to complete plantings of full season varieties soon. Medium maturity varieties are recommended once HU accumulation exceeds 700-800.
- Minimum soil temperatures should be 60°F to ensure acceptable germination.
- Go to [https://www.ag.arizona.edu/azmet/cot-soil.htm](https://www.ag.arizona.edu/azmet/cot-soil.htm) to review local AZMET values.
- April 1 Colorado River flow projection: 3.1 MAF into Lake Powell (<50% normal).
- Last Week’s 8am Soil Temp for the averaged Pinal station:
  - Max = 68  APR 7;  Min = 59.5  APR 3
- Last Week’s Rain:  Maricopa = 0” / Coolidge = 0”
- Here are this week’s Cotton Advisories for different regions in Central Arizona

[Coolidge] / [Maricopa] / [Pinal]