22nd Annual Maricopa County Short Course
Tuesday, September 13, 2016
12:30 to 5:00 PM
University of Arizona Maricopa County Cooperative Extension
4341 East Broadway Road
Phoenix, AZ 85040
4 hours CEU's applied for AZ Dept of Ag and OPM

Development and Prevention of Herbicide Resistance by
Weeds in Desert Crops and Turf & Ornamentals

Presented by
Bill McCloskey, UA Extension Weed Specialist, School of Plant Sciences
Kai Umeda, UA Turfgrass Extension Agent, Maricopa County
George Friswold, UA Extension Economist, Department of Agricultural and Resource Economics

12:30 pm  History of weed responses to herbicide applications
McCloskey and Umeda

1:00  Current weed control strategies and over-reliance on herbicides in
crops, turf, and other vegetation landscapes in Arizona
McCloskey and Umeda

2:00  Managing weed seed populations and tactics for delaying the
development of herbicide resistance, and consideration of herbicide
mechanisms of action
McCloskey

2:30  break

2:45  Herbicide application technologies to enhance herbicide performance
and reduce off-target movement
McCloskey

3:30  Economics and social implications of herbicide resistance
Friswold

4:15  Developing new strategies to integrate new and old herbicides with
cultural practices across the landscapes of Arizona to avert future
resistance development
Panel discussion and wrap-up

5:00  Adjourn