Managing *Baccharis* "Coyote Brush" Knocking out noxious weeds workshop series

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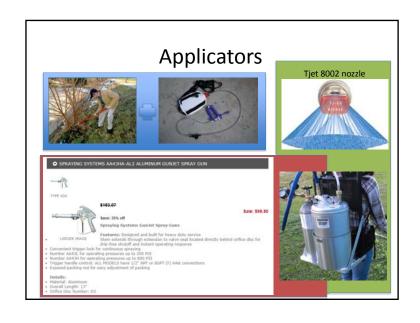
Herbicide/Application Methods

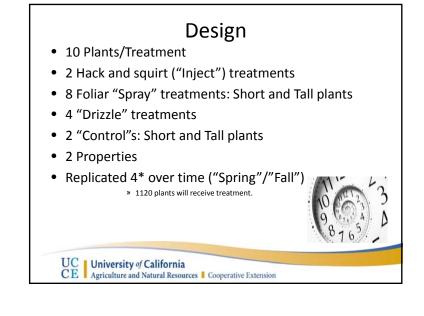
- Inject (100% @ 1 ml/3" diameter)
 - Imazapyr
 - Glyphosate

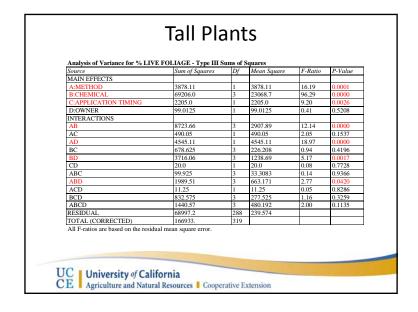


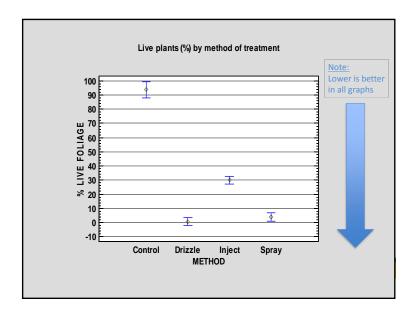
- Foliar Spray (5% @ 30 psi) and Drizzle (10% @ 20 psi)
 - All applications to wet with 5% Methylated Seed Oil (Super Spread MSO)
 - Imazapyr
 - Glyphosate
 - 2,4-D
 - Triclopyr

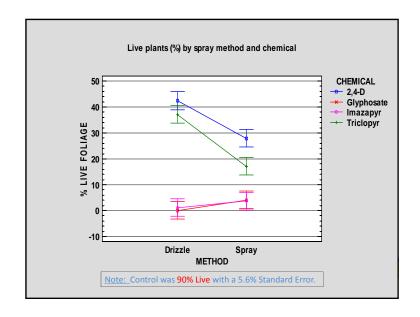


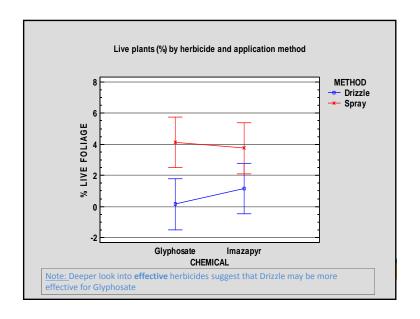


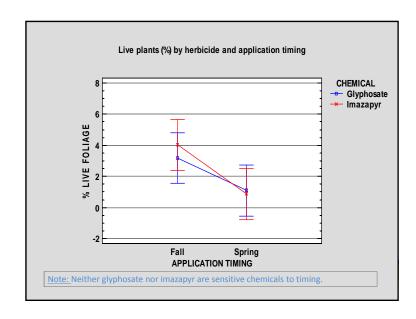


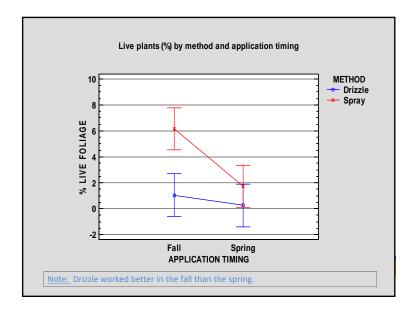


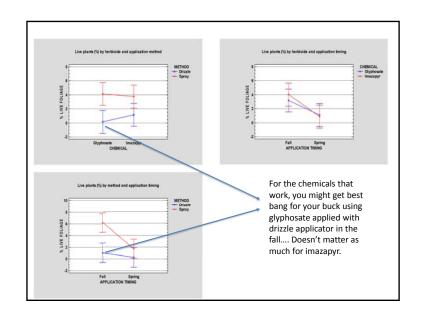


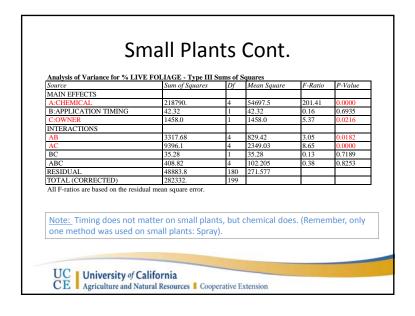


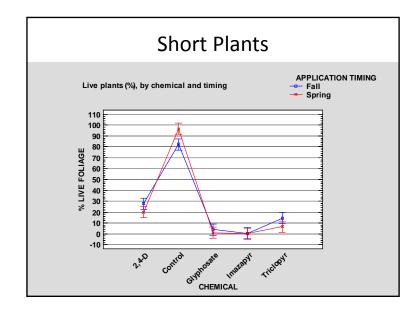
























Herbicides and Active Ingredients

- 2,4-D- (Weedar 64) \$16.67/gal
- Triclopyr- (Element 4) \$54.82/gal
 - Use ester form when temps are below 80 degrees,
 and the amine form if temps are over 80 degrees.
- Imazapyr- (Rotary 2 SL) \$49.10/gal
- Glyphosate- (Roundup- Weather Max) \$31.64/gal

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Over-Estimated Cost/Acre

- 2,4-D @ \$16.67/gal
 - Spray (47 gal*5%)= ~\$39.17/acre
 - Drizzle (36 gal*10%)= ~\$60.01/acre
- Triclopyr @ \$54.82/gal
 - Spray (47 gal*5%)= ~\$128.83/acre
 - Drizzle (36 gal*10%)= ~\$197.35/acre
- Imazapyr @ \$49.10/gal
 - Spray (47 gal*5%)= ~\$115.38/acre
 - Drizzle (36 gal*10%)= ~\$176.76/acre
- Glyphosate @ \$31.64/gal
 - Spray (47 gal*5%)= ~\$74.35/acre
 - Drizzle (36 gal*10%)= ~\$113.90/acre

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Applicator's Perspective

- Old, dense stands: Drizzle
 - More resistance to winds.
 - Less maneuvering around plants for coverage.
 - Mixed tank lasts longer.
 - Be sure to calculate these into cost.
- Young or mixed age stands: Spray
 - Ability to spray big, small, and additional species if desired.

****100% Coverage is essential!!!****

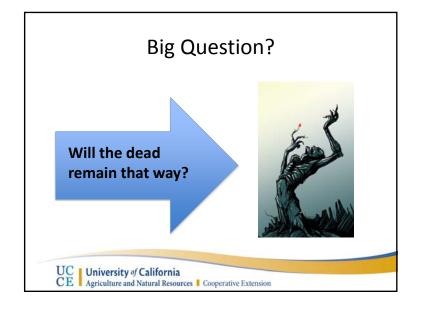
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Recap of Results

Assessed by: "% Live"

- Injections didn't kill whole plant in either timing scenario.
- Small plants die more readily than large plants.
- Imazapyr and Glyphosate are comparable.
 - Timing does not matter much
- What would I use? Glyphosate; drizzle; fall.

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Other options for Baccharis

- Saw
- Cat
- Excavator
- Burning?
 - Know your soils.
 - Physical removal usually stimulates resprouting and seed germination, so a follow-up treatment is necessary.

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