

Strategies for Weed Control – Just when do I use what?

Josh Davy
Farm Advisor
University of California

Broadleaf weeds



Photo by:
Richard Old
www.xidservices.com



Broadleaf selective all growth regulators

- 2,4-D (Weedar 64) and MCPA
 - Treatment range
 - Permit?
- Milestone (aminopyralid) and Transline (clopyralid)
 - Pre-emergent
 - Treatment range
 - Permit?
 - Why two choices? Spectrum, trees, timing
- Combinations of both
 - But what works for me??

Costs

- Milestone
 - \$418/gall 5 ounces/acre = \$16.30/acre
- Transline
 - \$310/gall 11 ounces/acre = \$26.62/acre
- 2,4-D (Weedar 64)
 - \$21.50/gall 16 ounces/acre = \$2.56/acre
- MCPA
 - \$27/gallon 16 ounces/acre = \$3.38/acre

Woody broadleaves



Selective

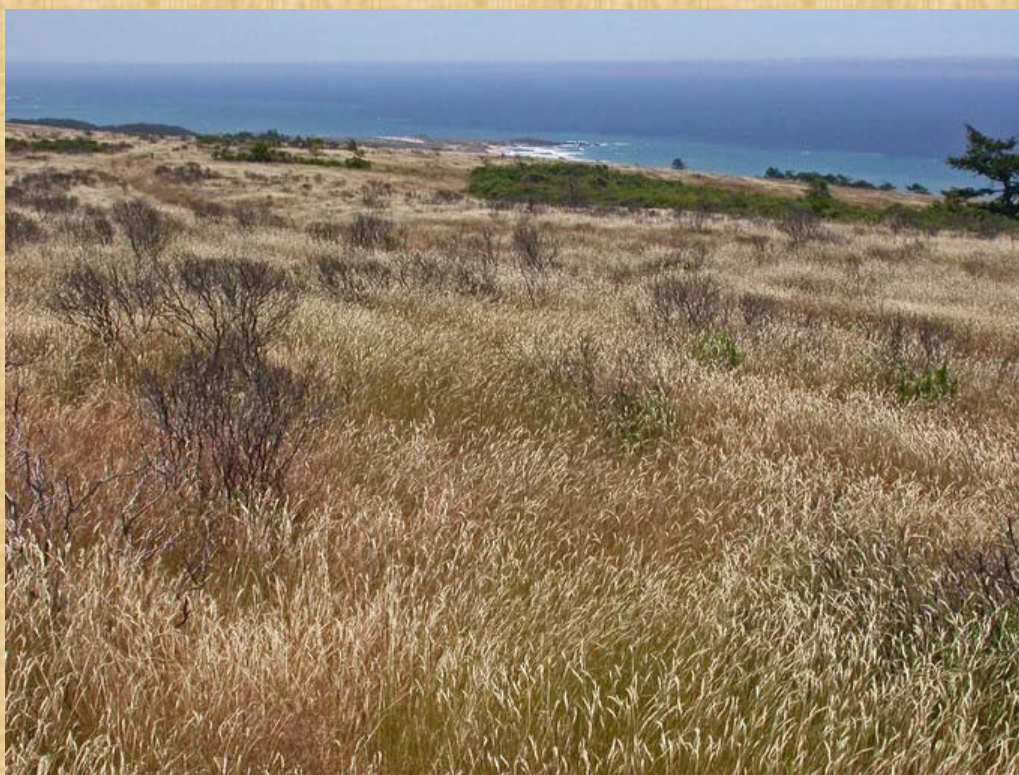
- Tryclopypyr (Garlon, Element)
 - Timing matters, but the best for woody plants
 - \$128/gallon Garlon, \$96 Element = \$12-\$30/acre

COMBINATIONS

- Crossbow = 2,4-D and tryclopypyr (Garlon)
- Milestone VM Plus – tryclopypyr and amynopyralid

What about grasses?

- *Danthonia pilosa* – poverty grass



Selective without a selective



Techniques for success

- Rate = at least 33% concentrate or 1 part glyphosate to 2 parts water

<i>Treatment</i>	Average green smutgrass	<i>Homogeneous Groups</i>
68%	10	X
33%	16	X
10%	55	X
control	91	X



County Regulations

- Operator ID
- Private applicators license
- NOI
- Grazing withholds