

Aminopyralid for medusahead control

Josh Davy

UC Livestock and Range Farm Advisor
Tehama, Glenn, Colusa Counties

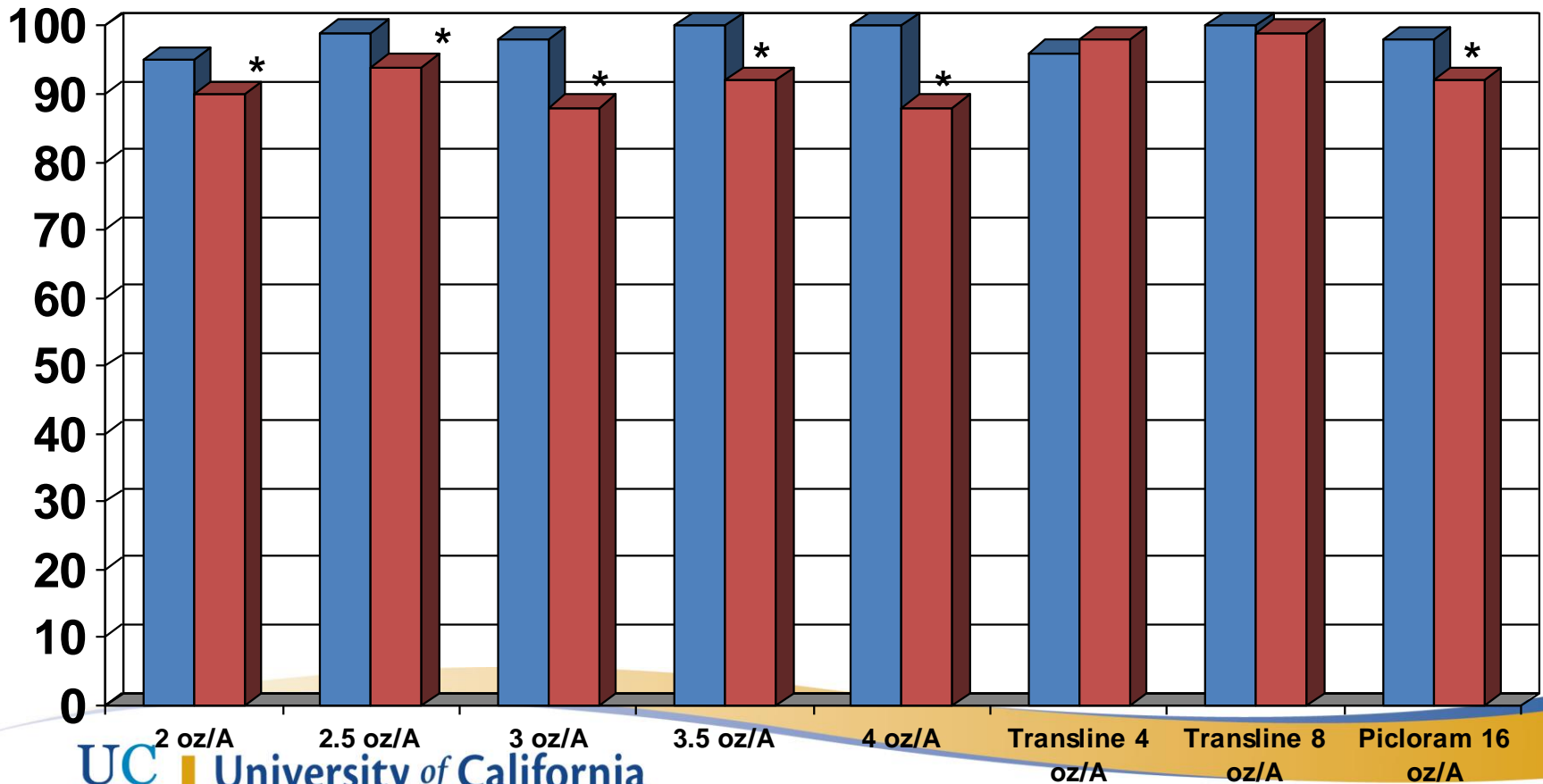
Transline and Milestone



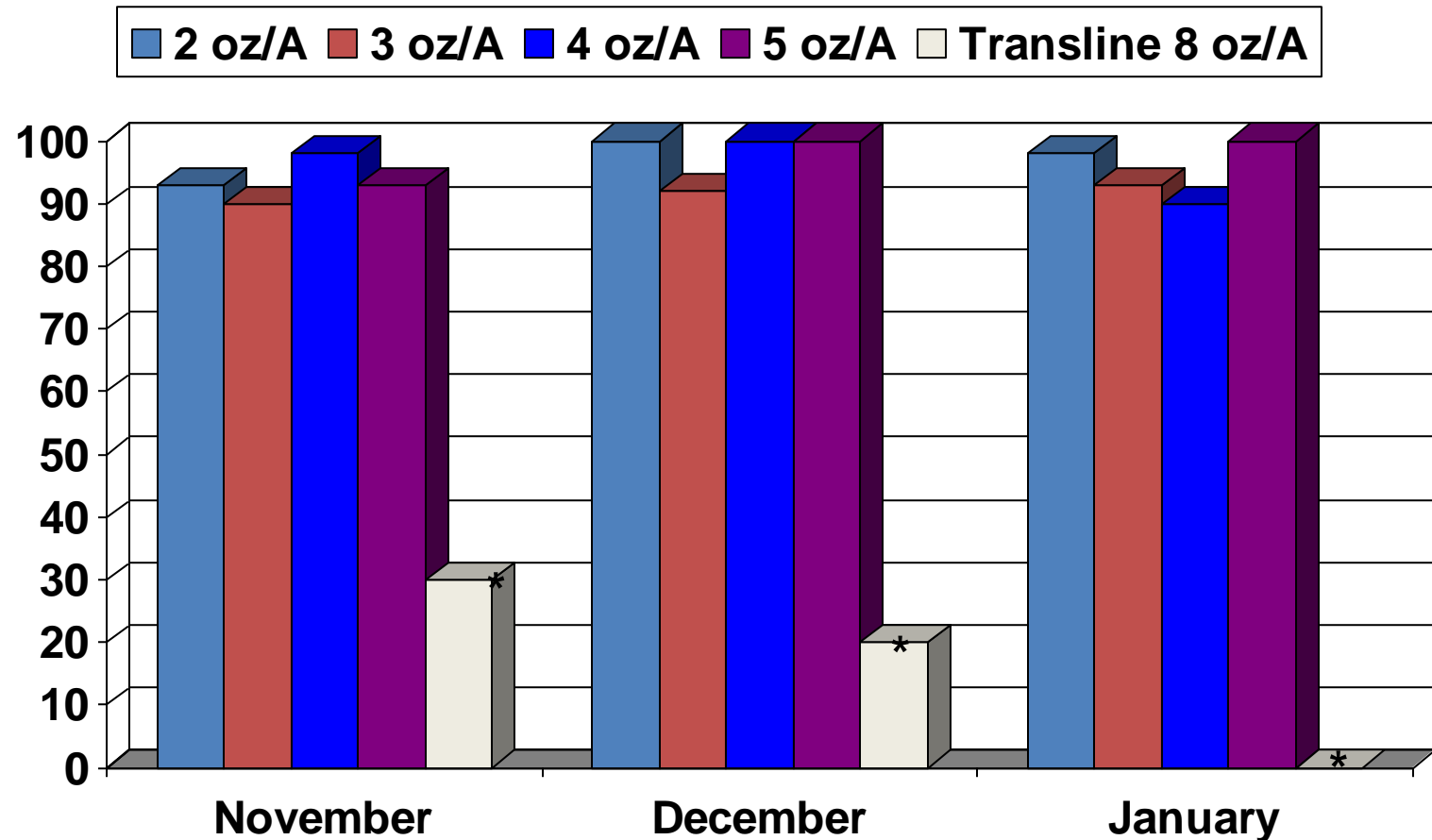
Effect of aminopyralid on yellow starthistle control in Davis, California

■ rosette ■ bolting

Ditomaso et al.



Effect of treatment timing on coast fiddleneck (*Amsinckia menziesii*) control in Davis, California



Treatments from Nov 2002 to January 2003, final evaluation in March 2003

Medusahead! What??

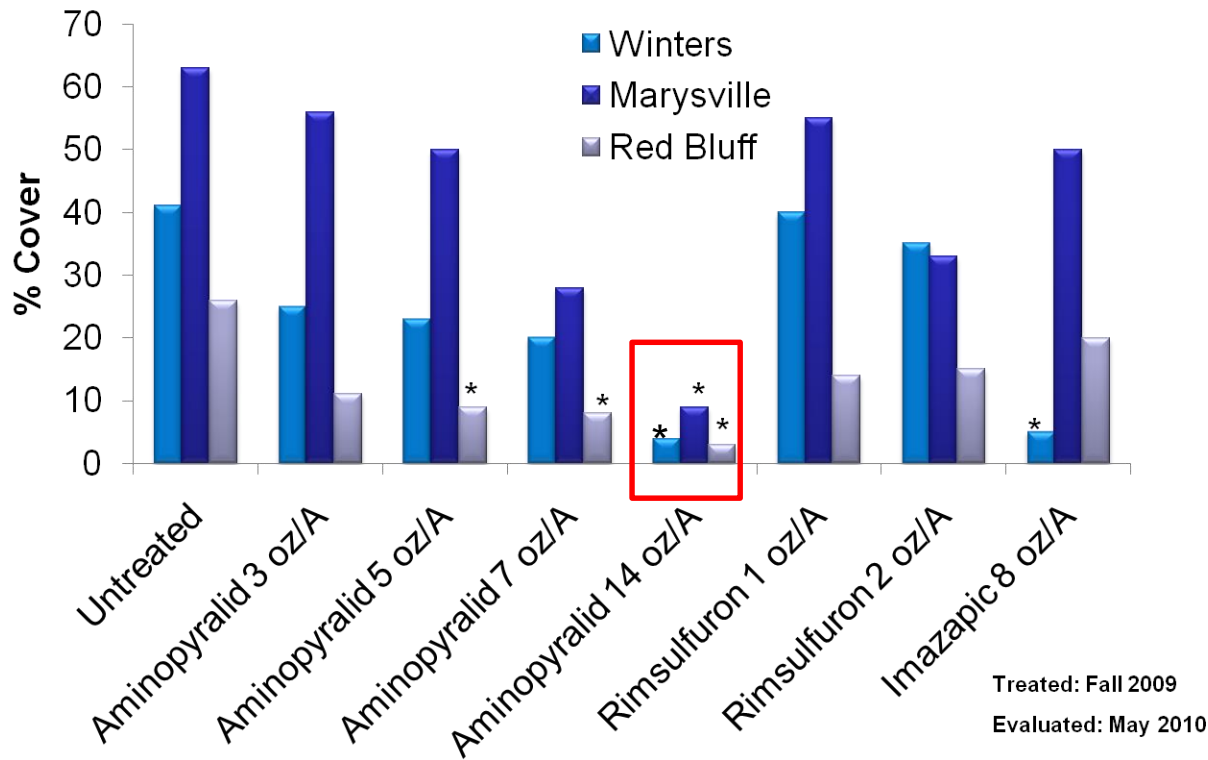
No really it works, let me show you!



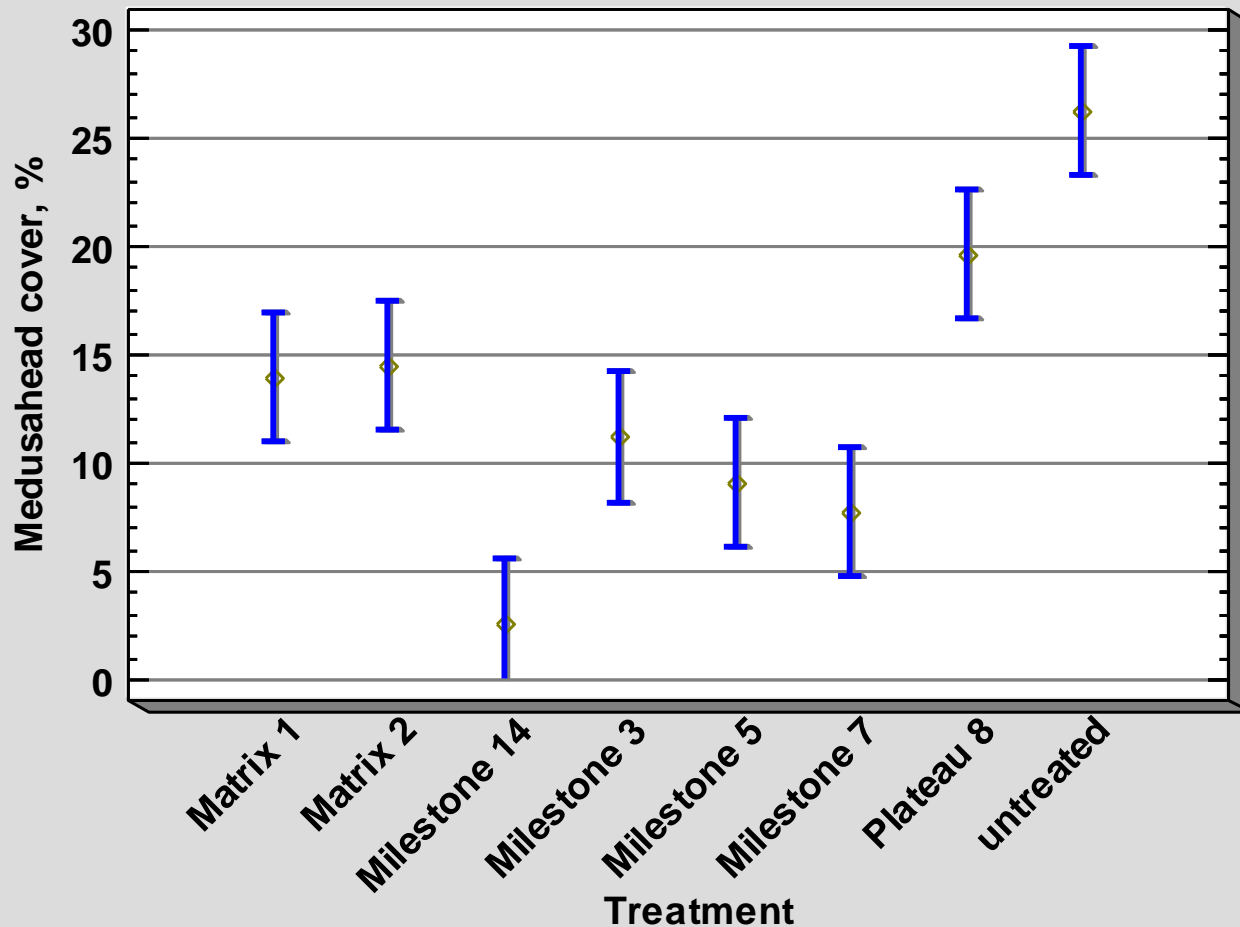
Trial 1

- Small plot 10'X30'
- Four replications
- Prior to germination – September
 - Matrix – two rates
 - Milestone – four rates
 - Plateau – one rate
 - Control

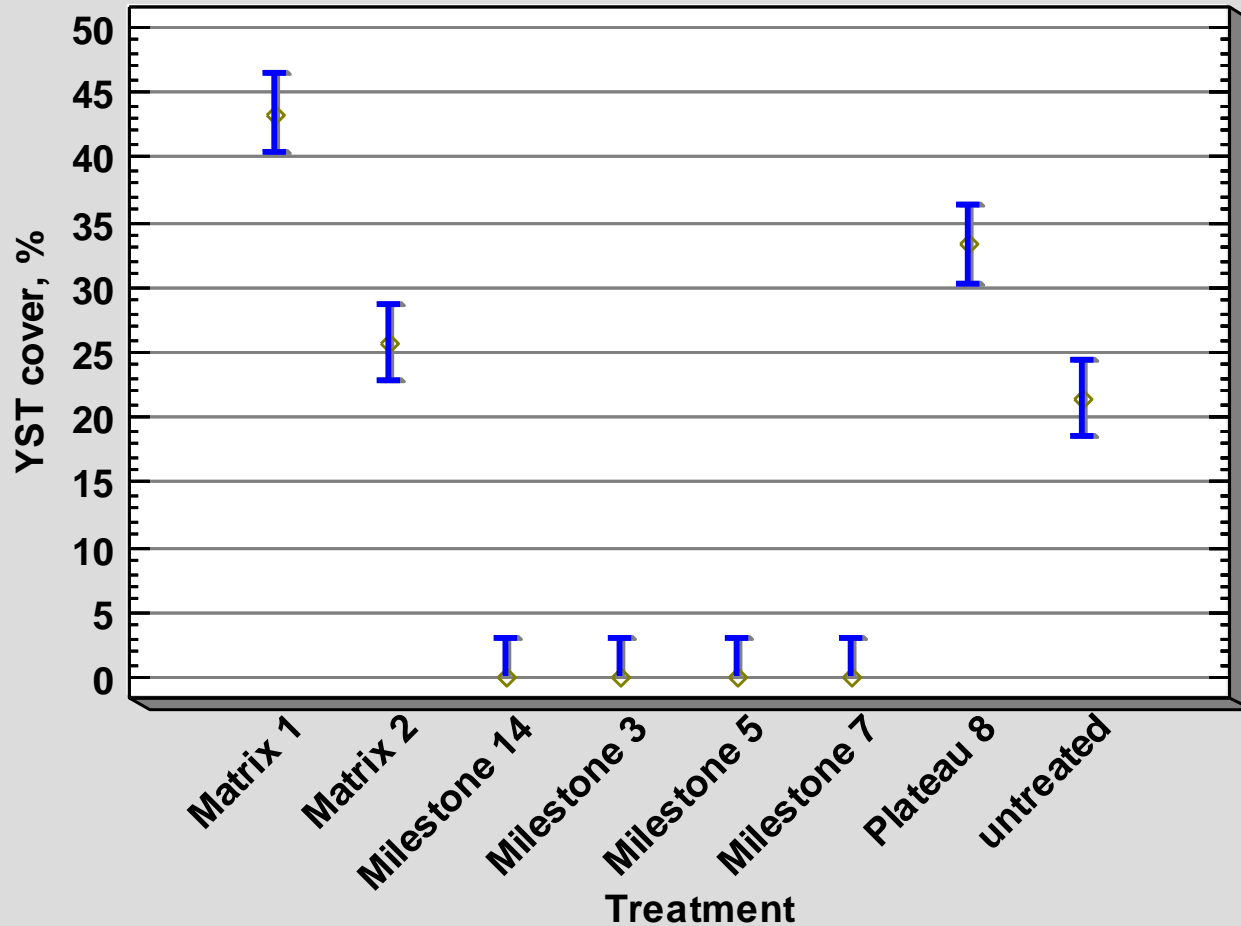
Effect of aminopyralid (Milestone), rimsulfuron (Matrix), and imazapic (Plateau) on medusahead cover



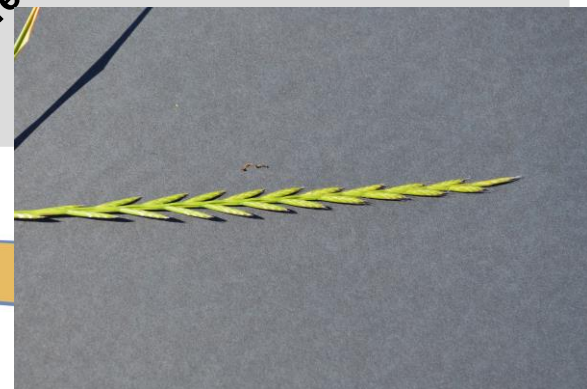
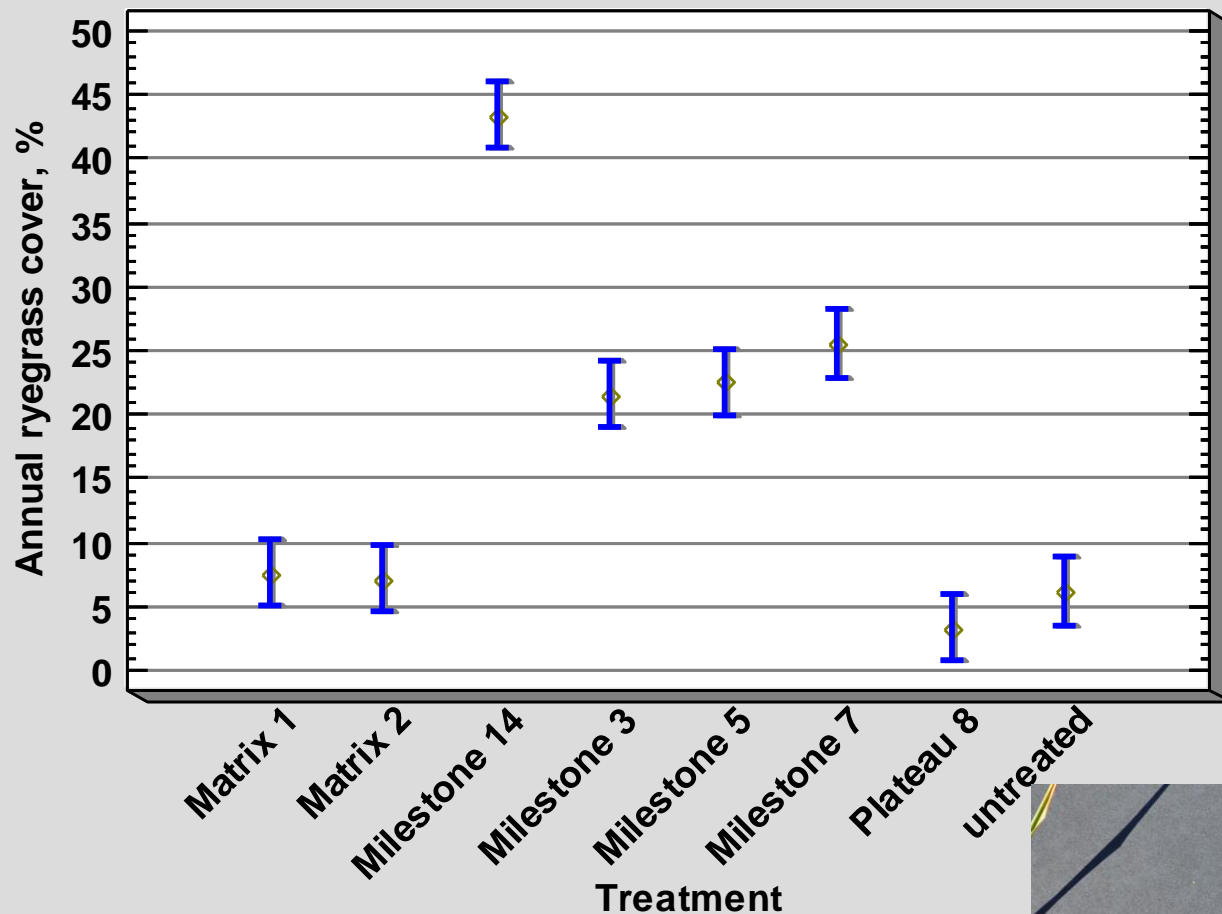
Medusahead cover by herbicide treatment



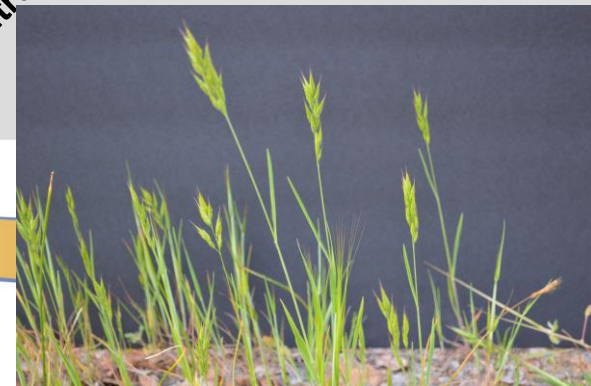
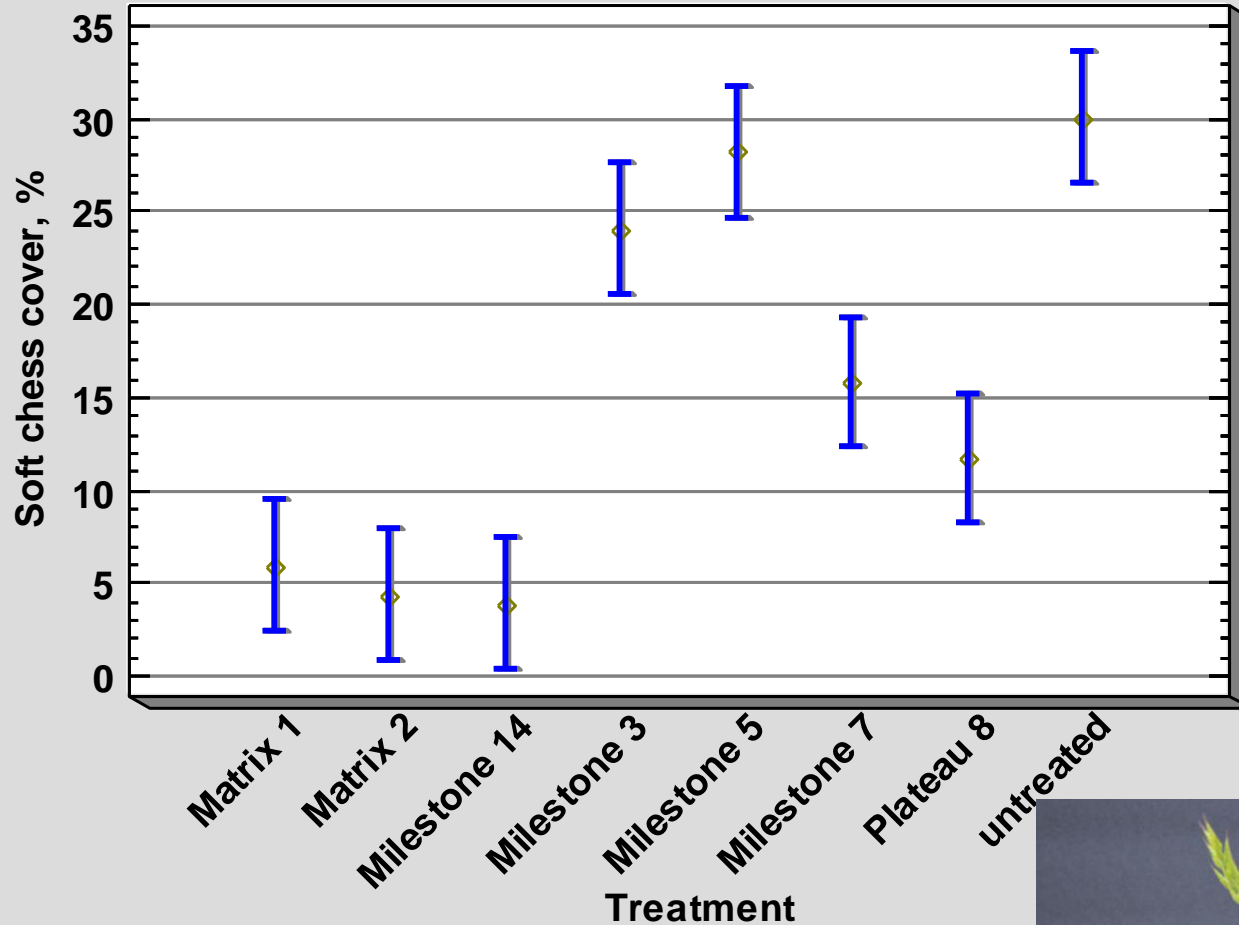
YST cover by herbicide treatment



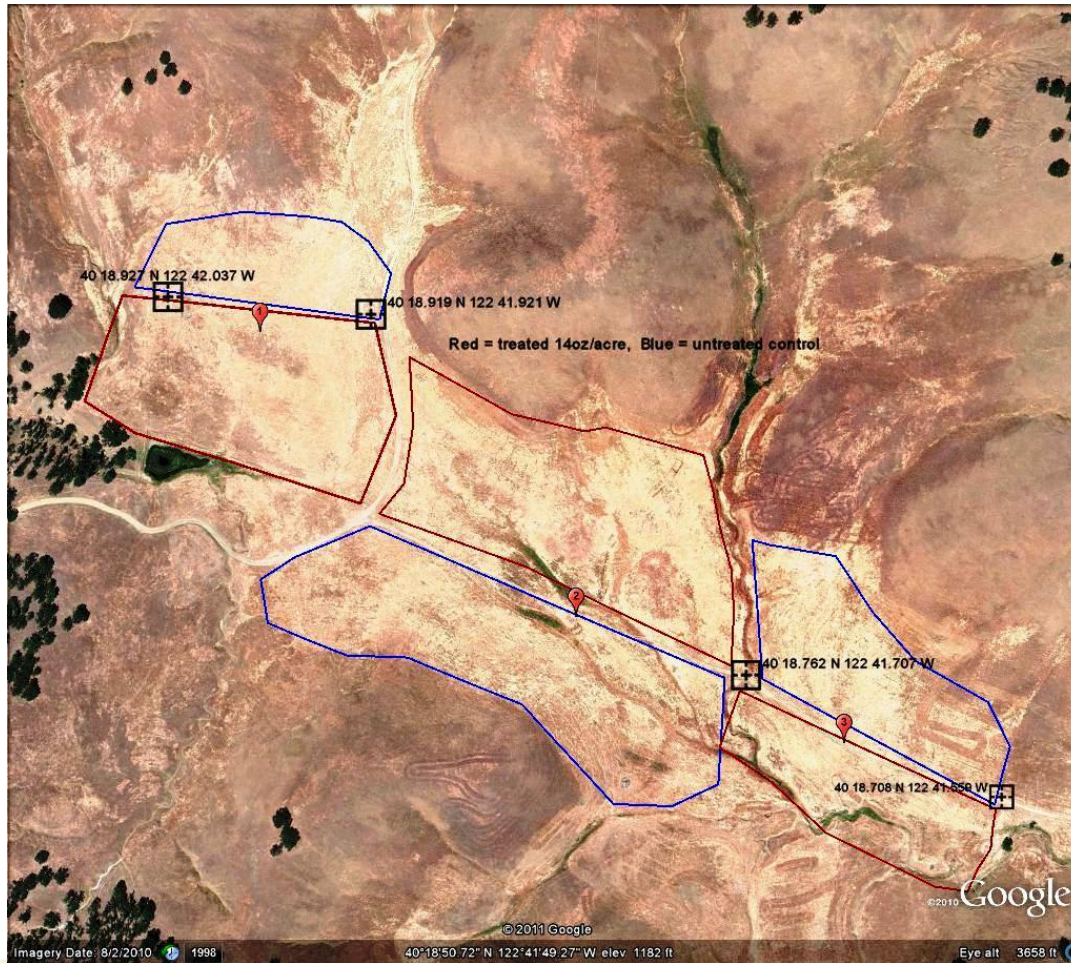
Annual ryegrass cover by herbicide treatment



Soft chess cover by herbicide treatment

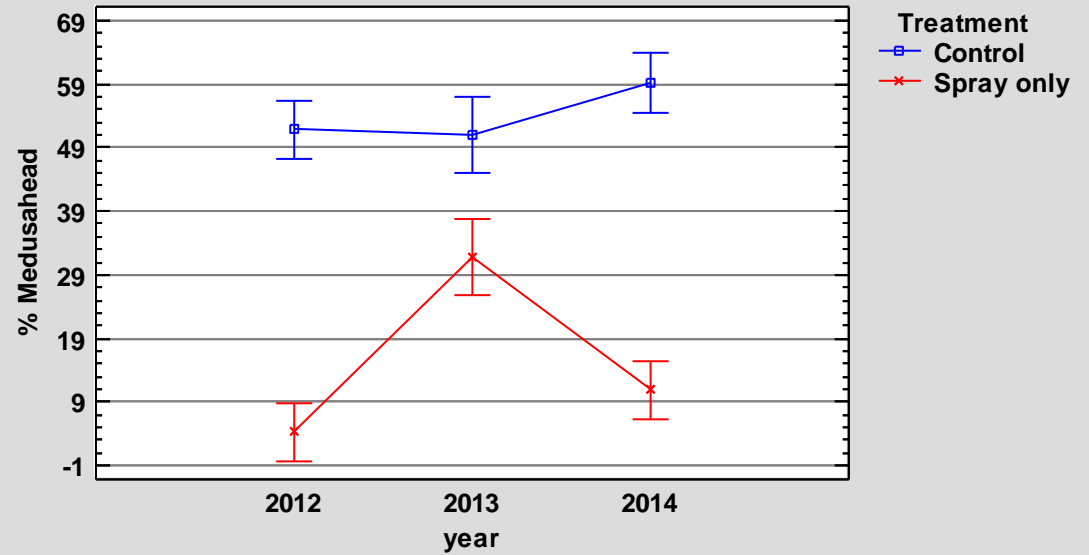


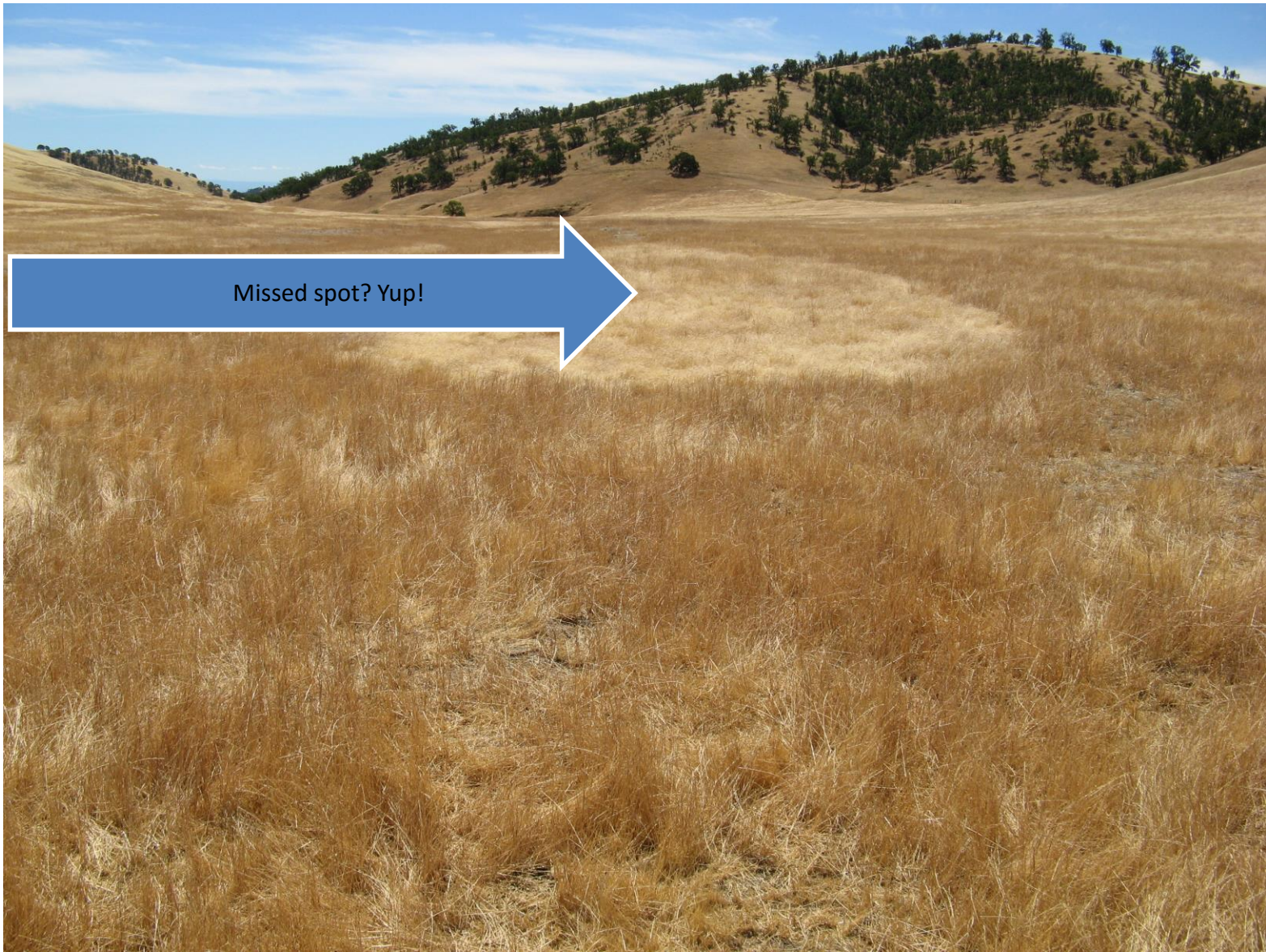
Trial 2





Medusahead cover by treatment and year





Missed spot? Yup!

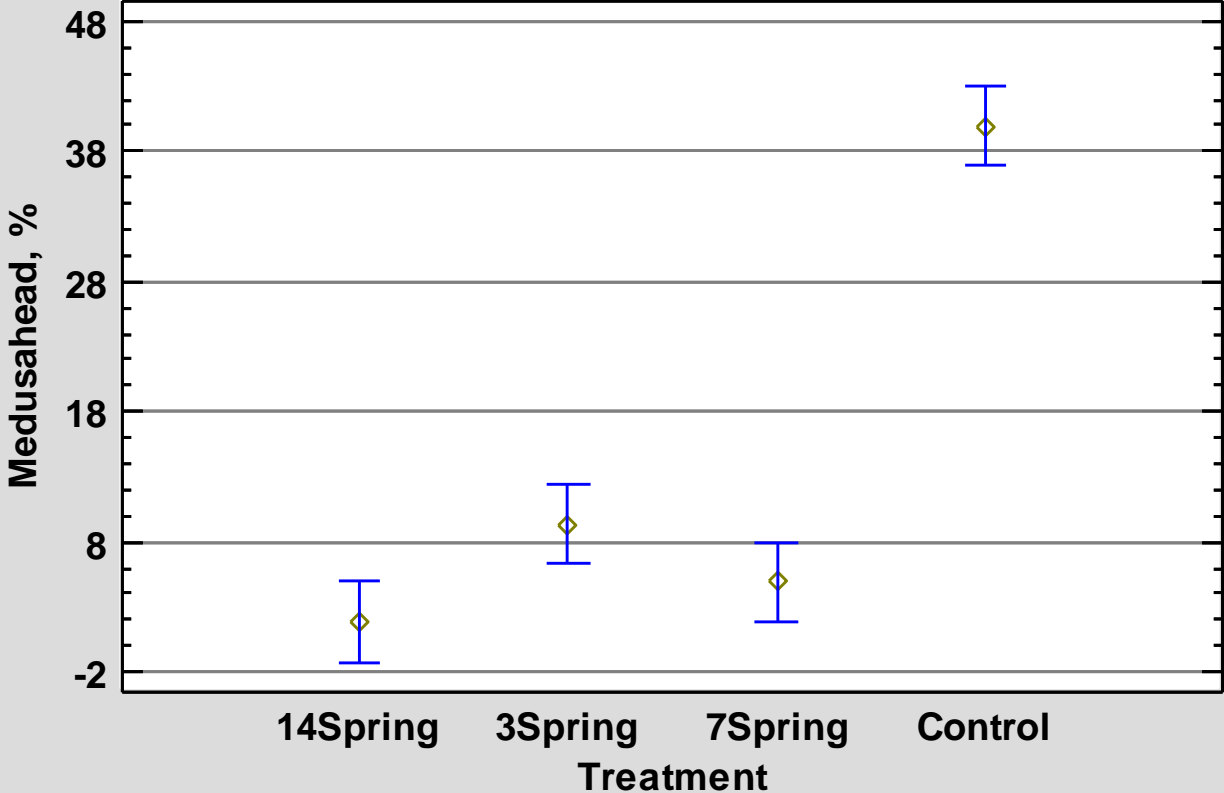


Some bare ground
Also, no rose clover or filaree

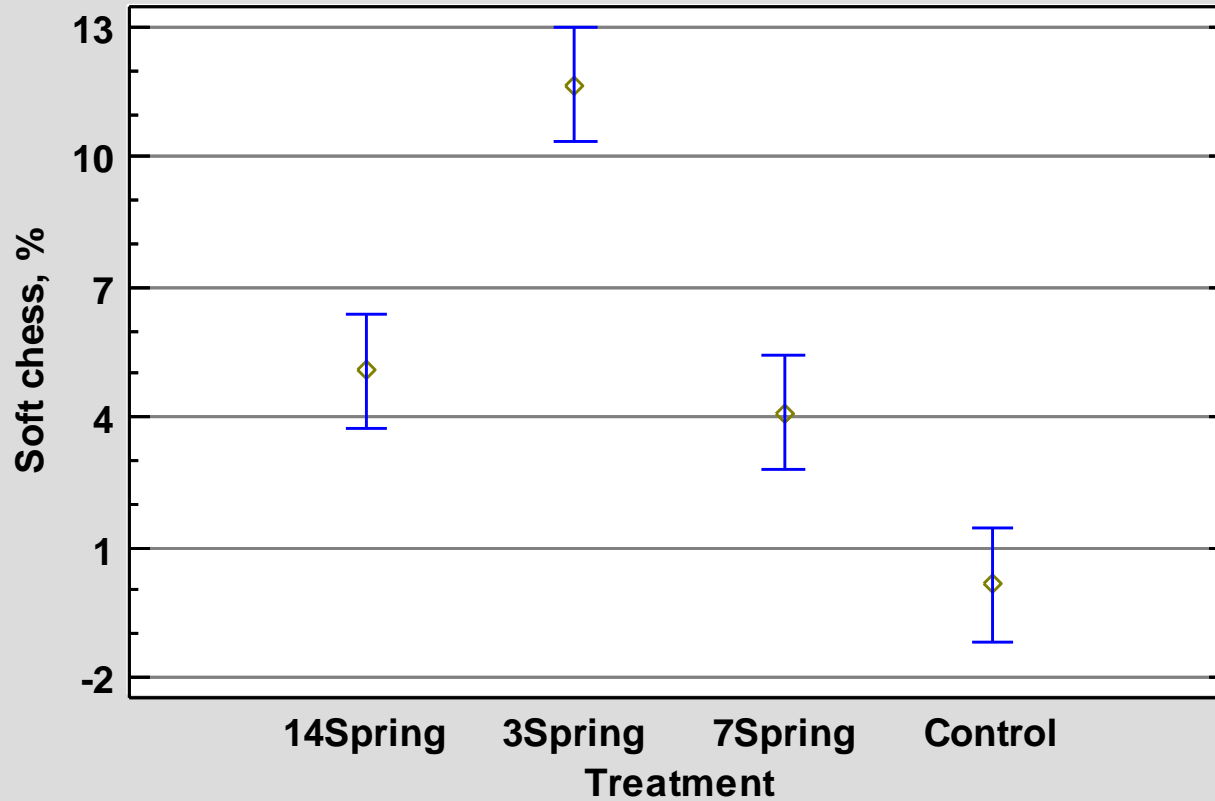
Then along comes Matt Rinella

- We struggled with the high cost of 14 oz
- Also had trouble with the loss of filaree
 - Until we got a greenhouse answer from Matt
 - So we set up 3 sites
 - 4 reps
 - Plots 20' X 40'
 - Milestone
 - 7 & 14 oz/acre fall
 - 3, 7, & 14 oz/acre spring

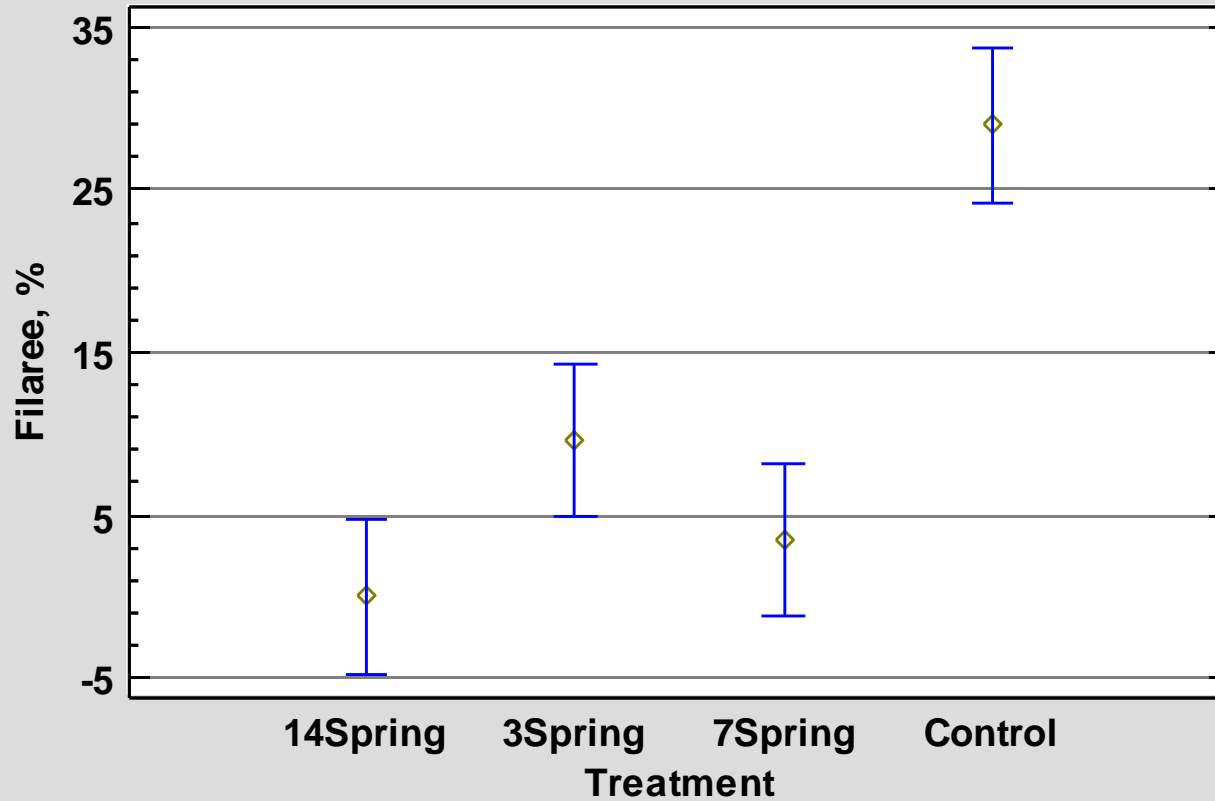
Medusahead cover the following spring by treatment



Soft chess cover the following spring by treatment



Filaree cover the following spring by treatment



Considerations

- Variable timing of phenology
 - Boot stage is critical for spring
 - Pre-rain critical for fall
- Spring is much lower cost
 - But harder to time
 - Especially with light or no grazing
- Sites are Idiosyncratic on replacement species



Applicable areas

