

Short-Term Vegetation Response to Mowing and Herbicide Treatments in Wyoming Big Sagebrush

Jason R. LeVan, Jeffrey L. Beck, and Kurt T. Smith
Department of Ecosystem Science and Management
University of Wyoming

Introduction

Study Area and Design

Results:

Shrub Response

Grass Response

Forb Response

Conclusions



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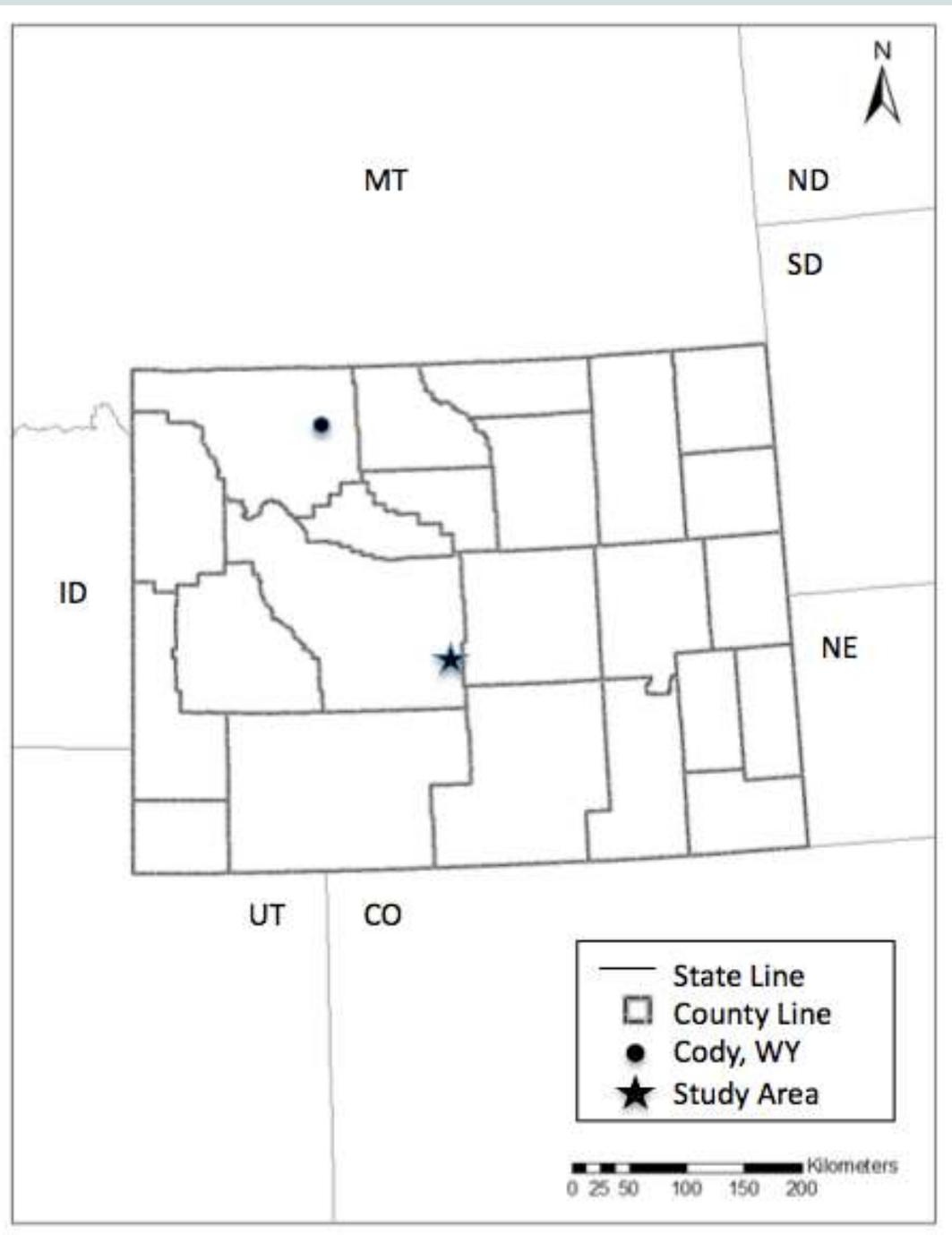
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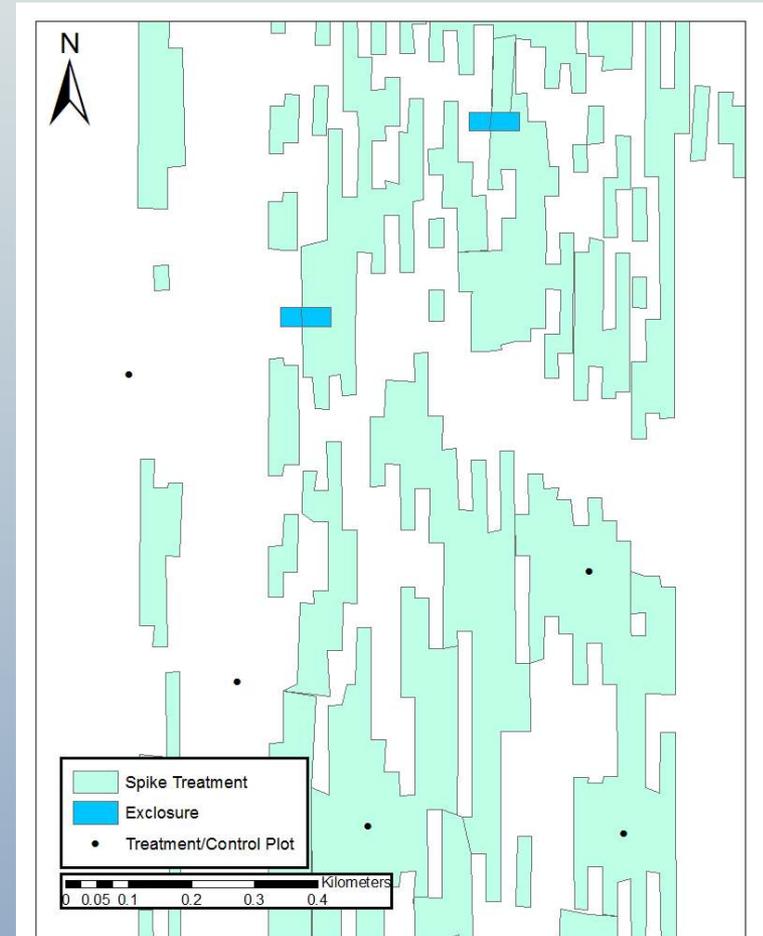
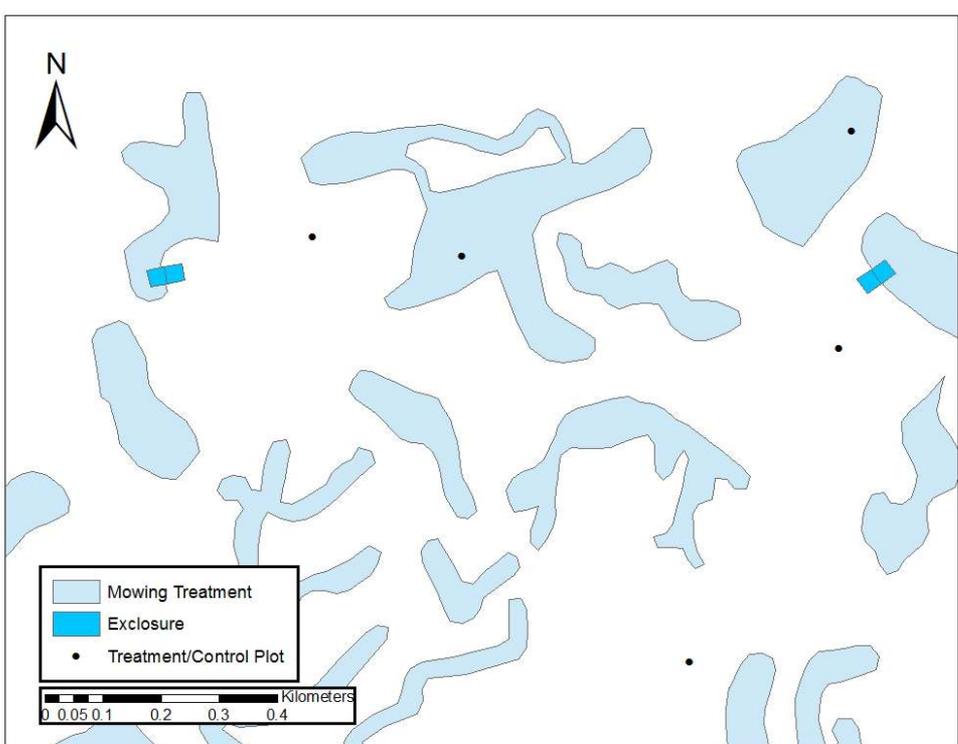
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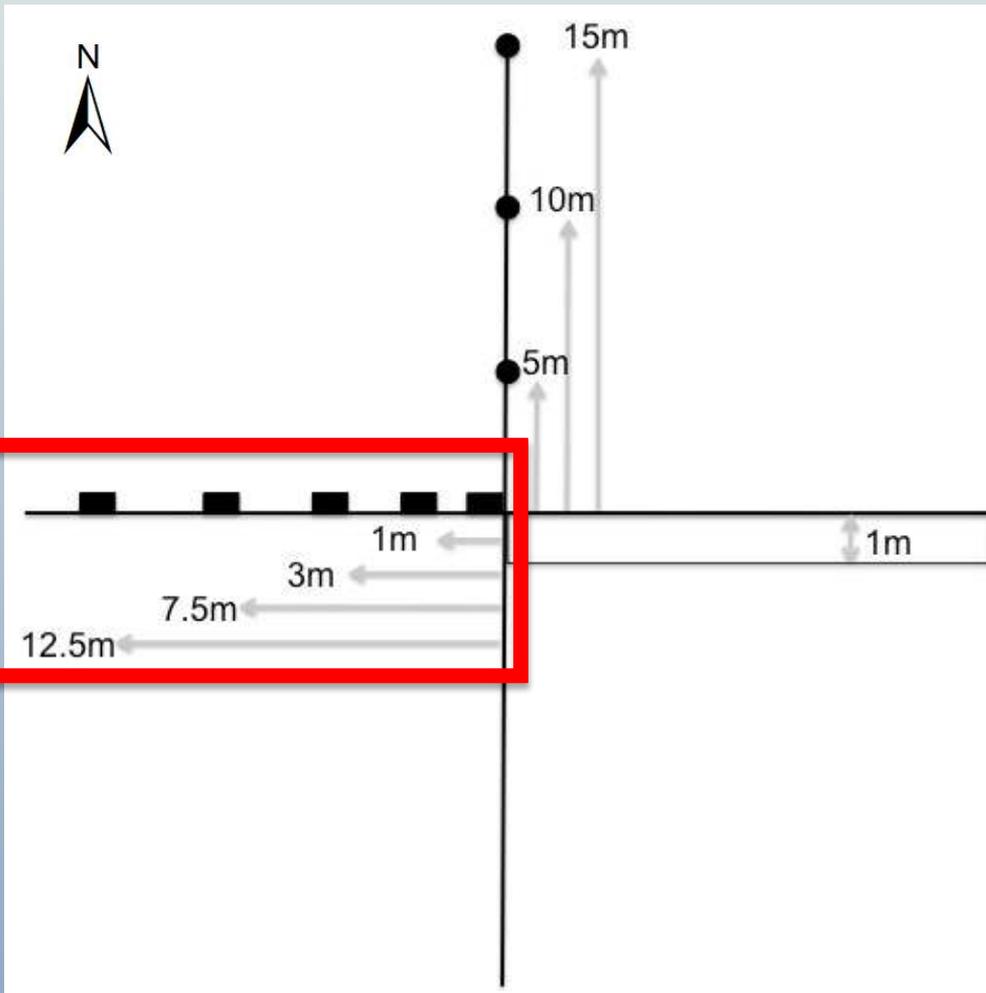
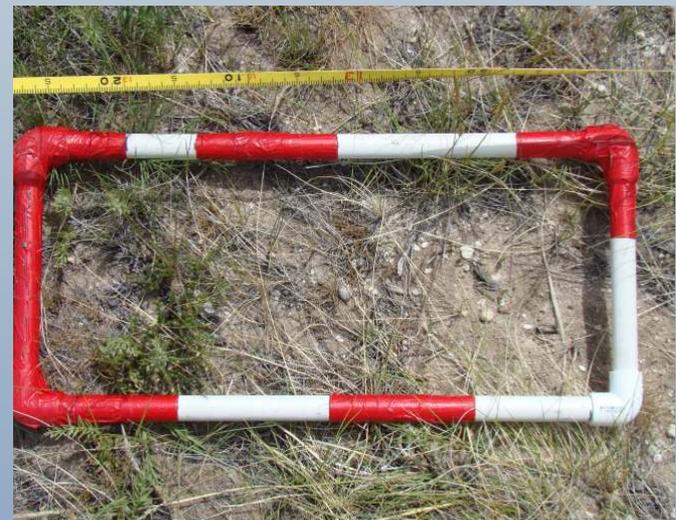


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Shrub Cover:
Line intercept in each
cardinal direction



Ground Cover:
50cm x 20cm Daubenmire
quadrats (n=17)



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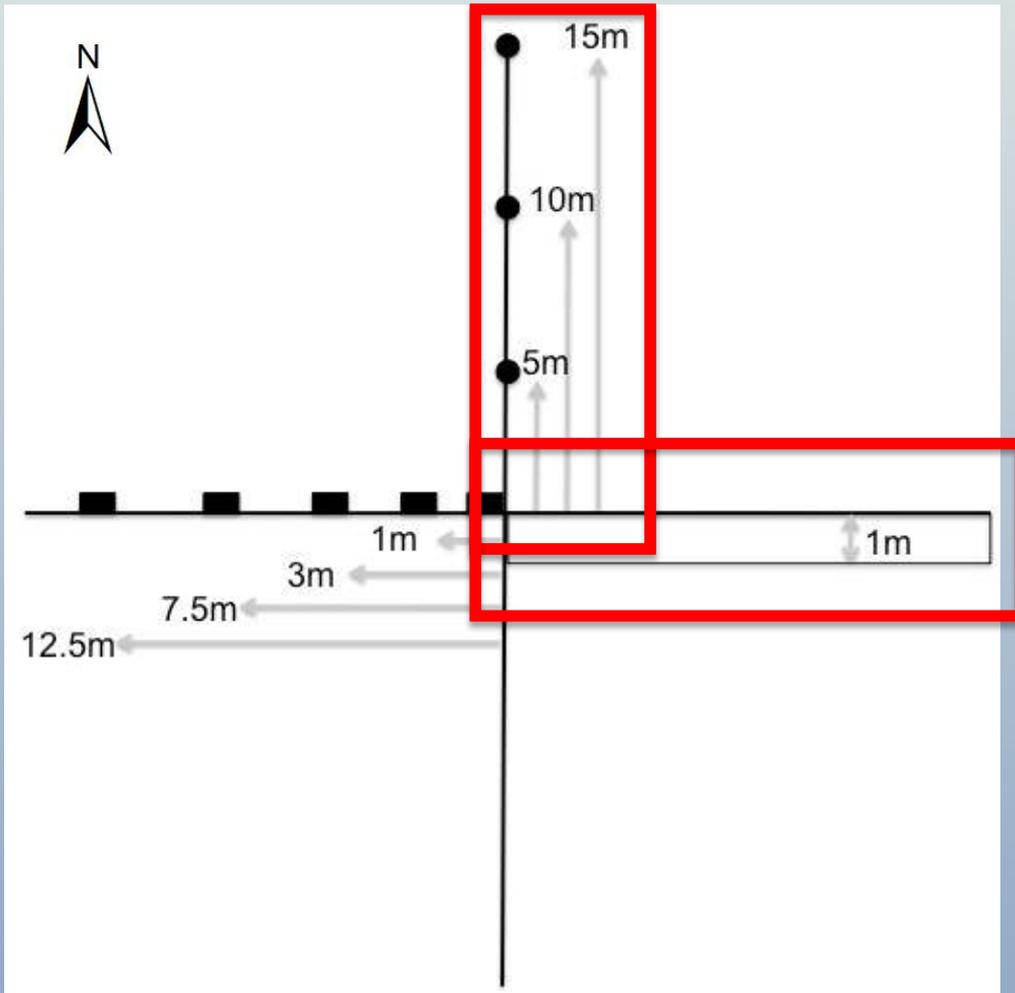
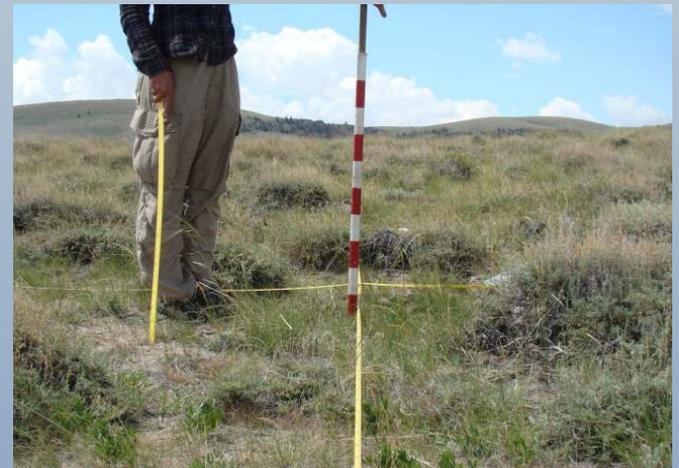
Shrub Density:

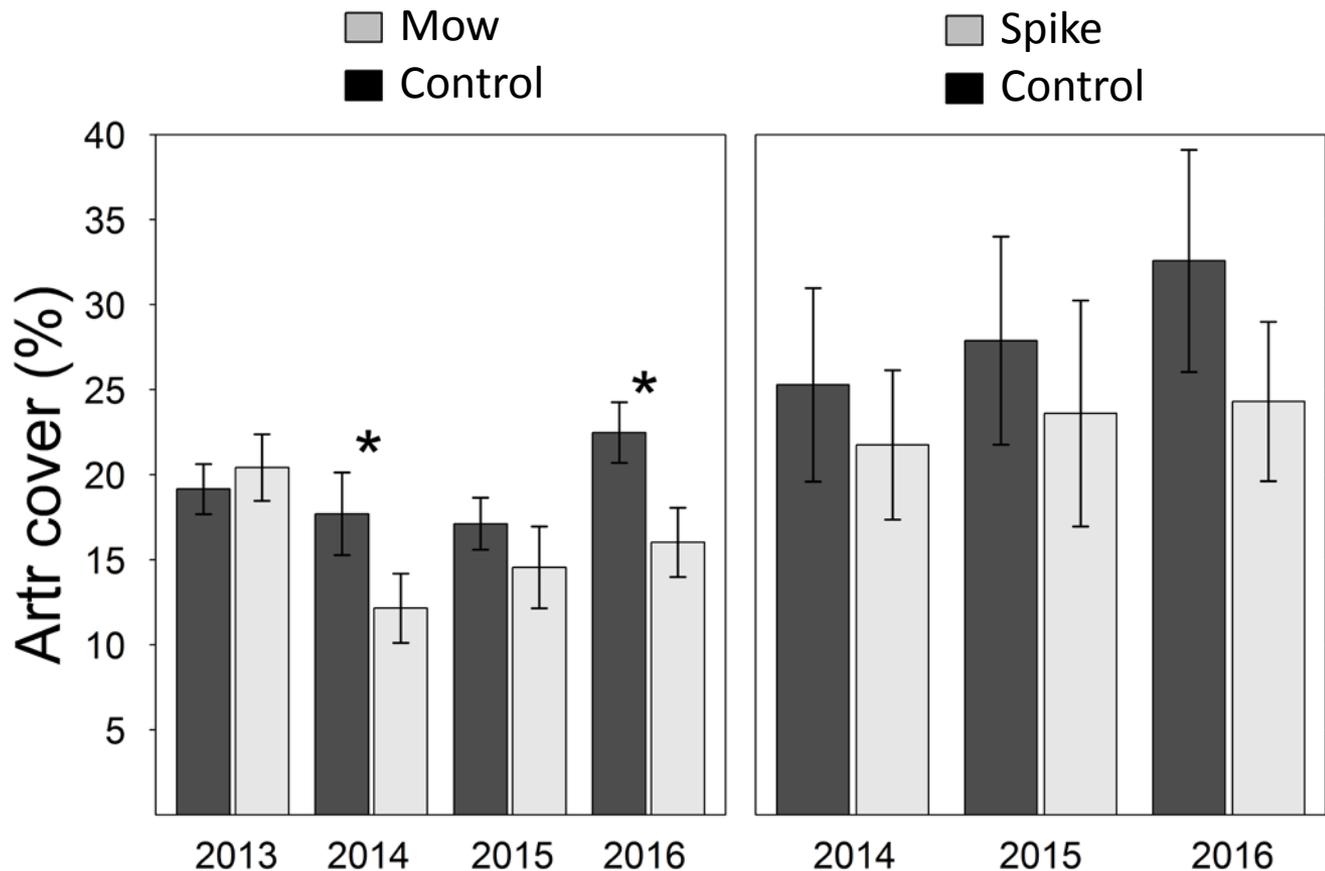
1-m belt transect in each cardinal direction



Visual Obstruction:

3 Robel pole measurements in each cardinal direction (n=12)

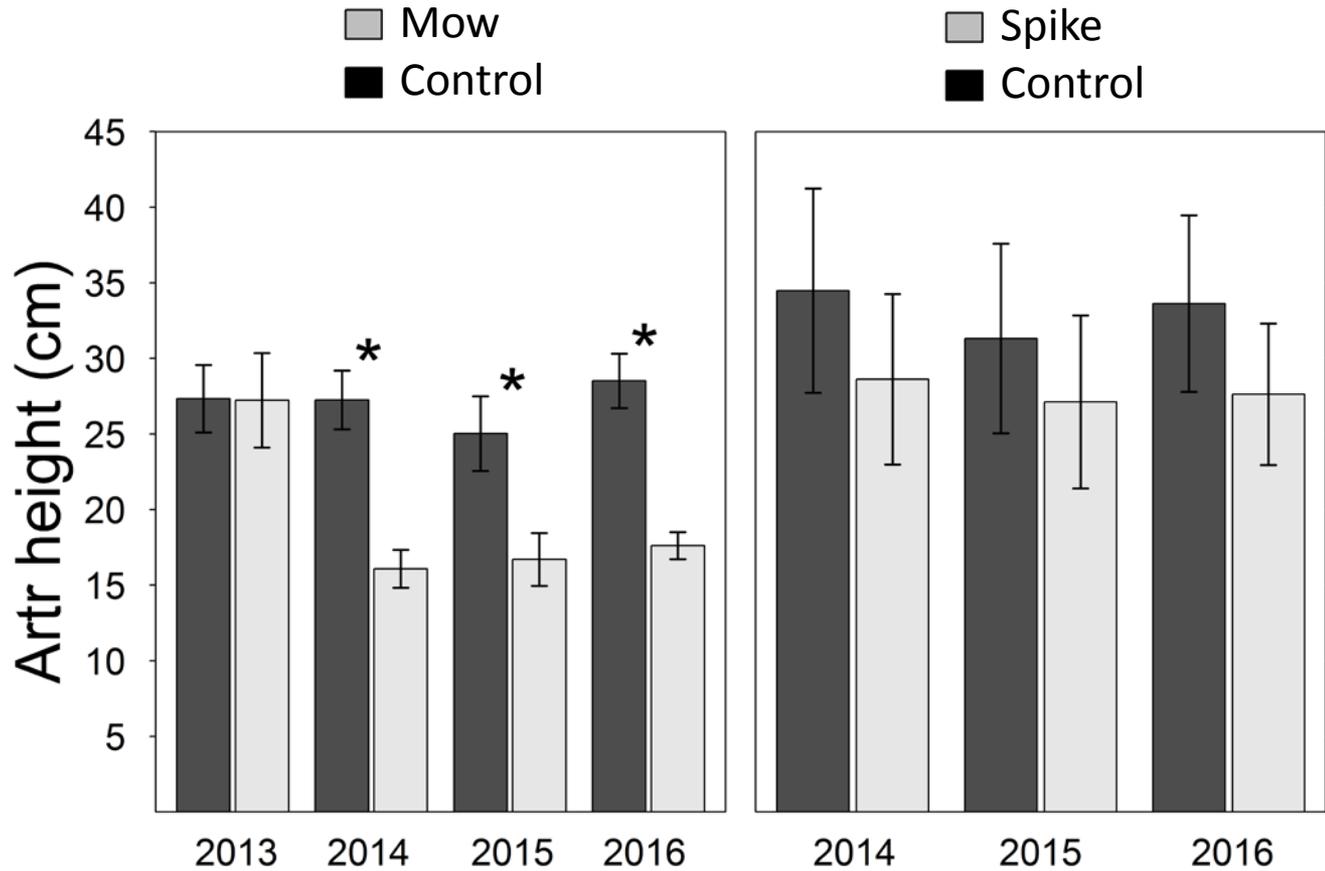




Mow: 2014 and 2016



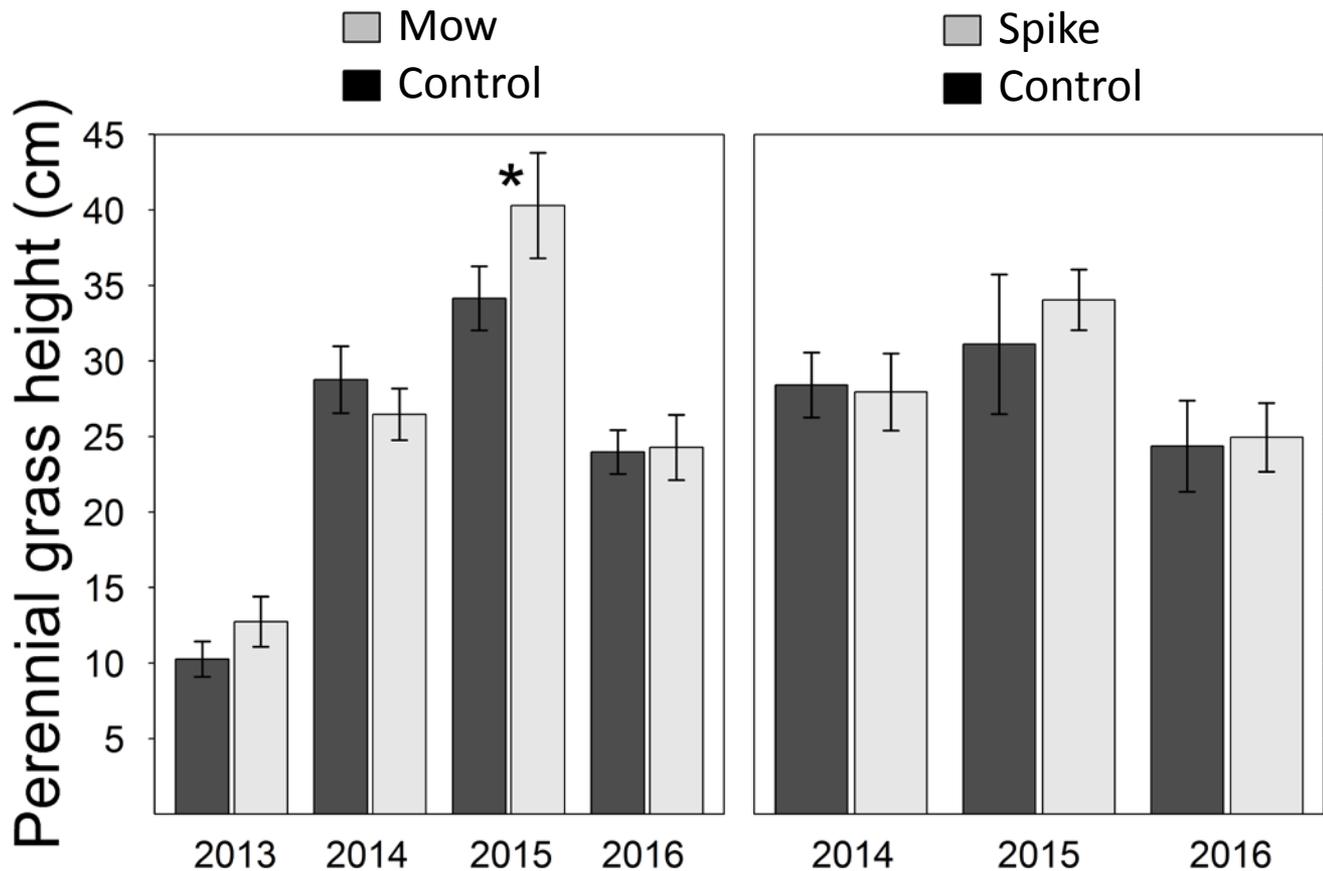
No difference between treatments



Mow: 2014, 2015, and 2016



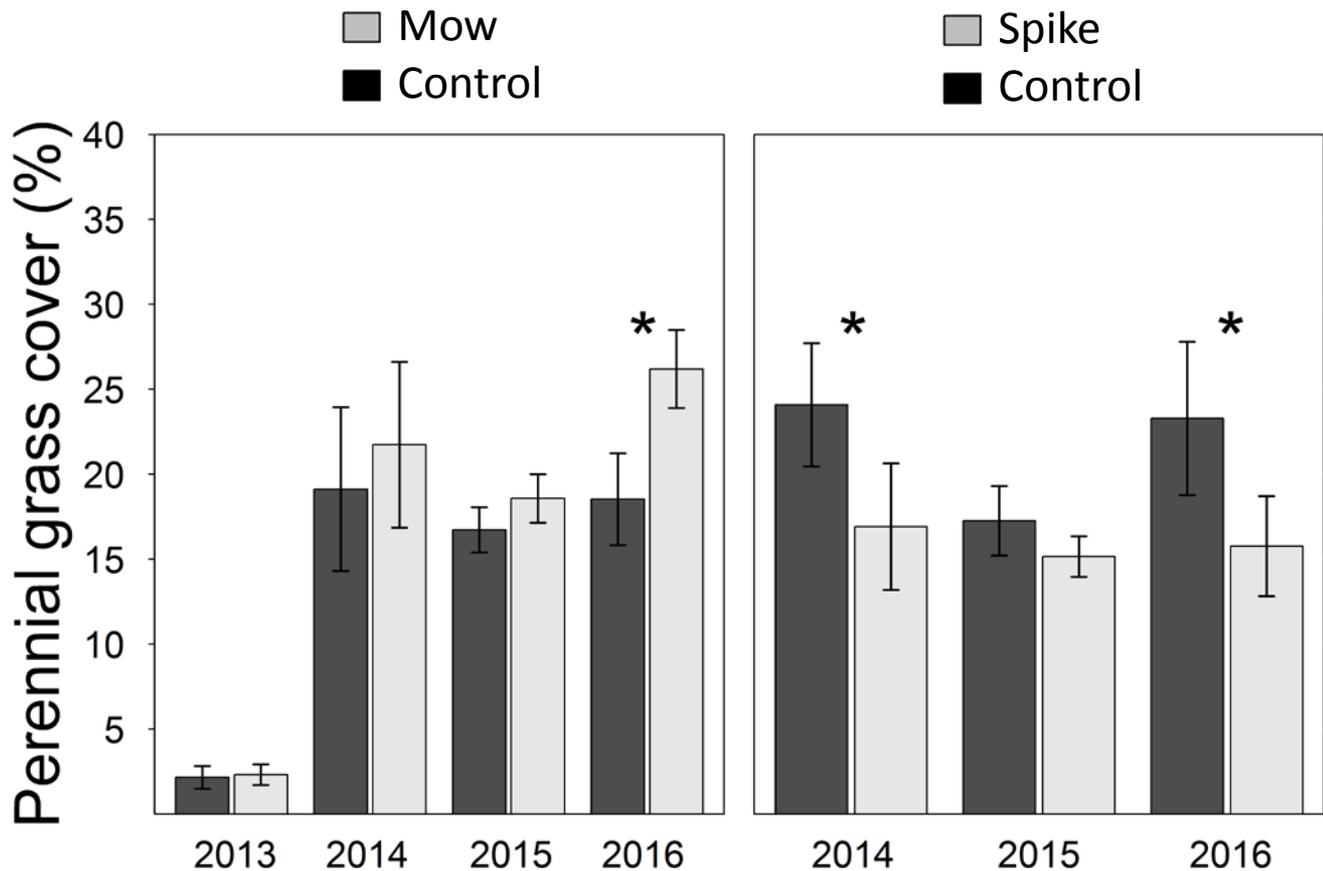
No difference between treatments



Mow: 2015



No difference between treatments



Mow: 2016

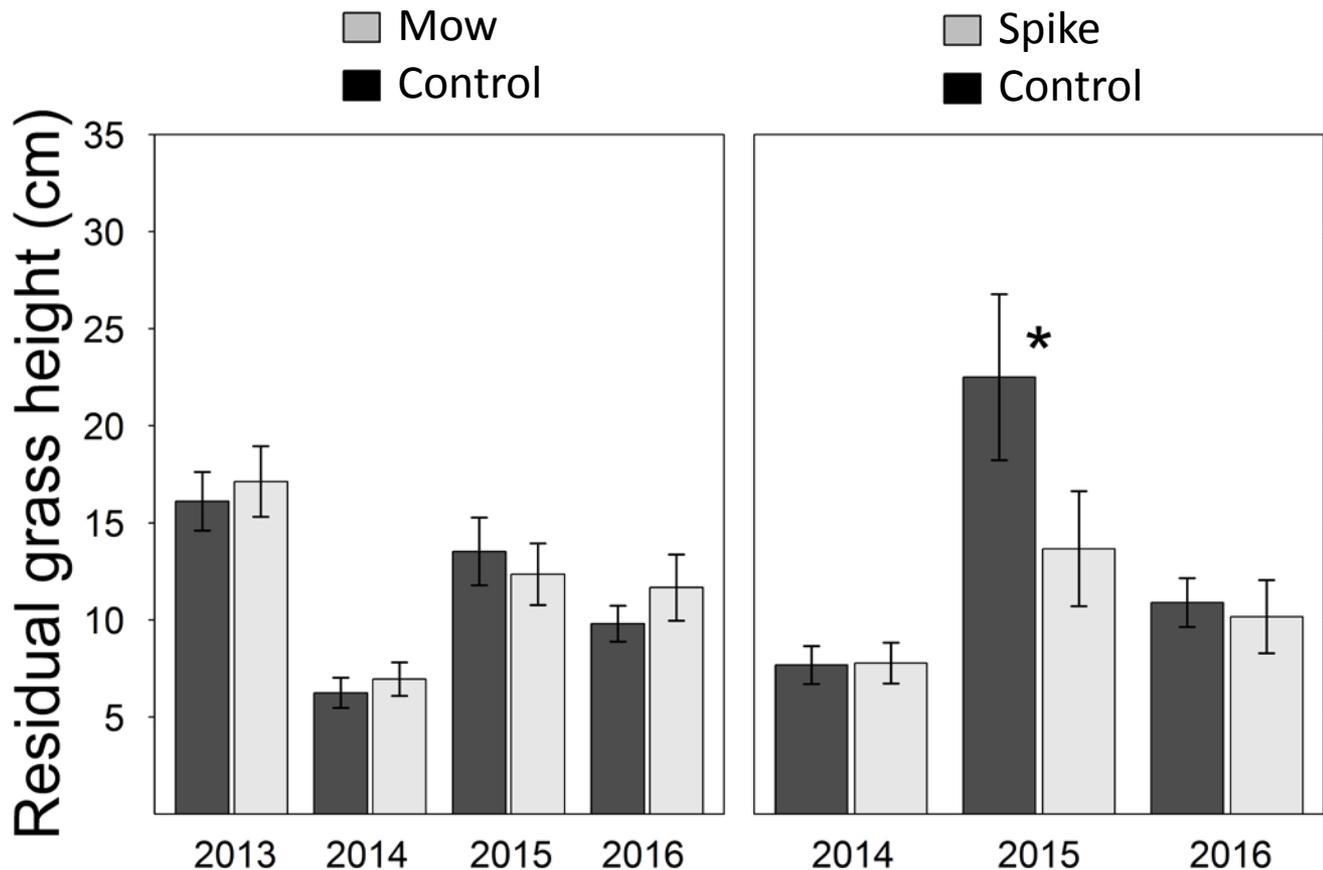


Spike: 2014 and 2016

Difference in treatments:



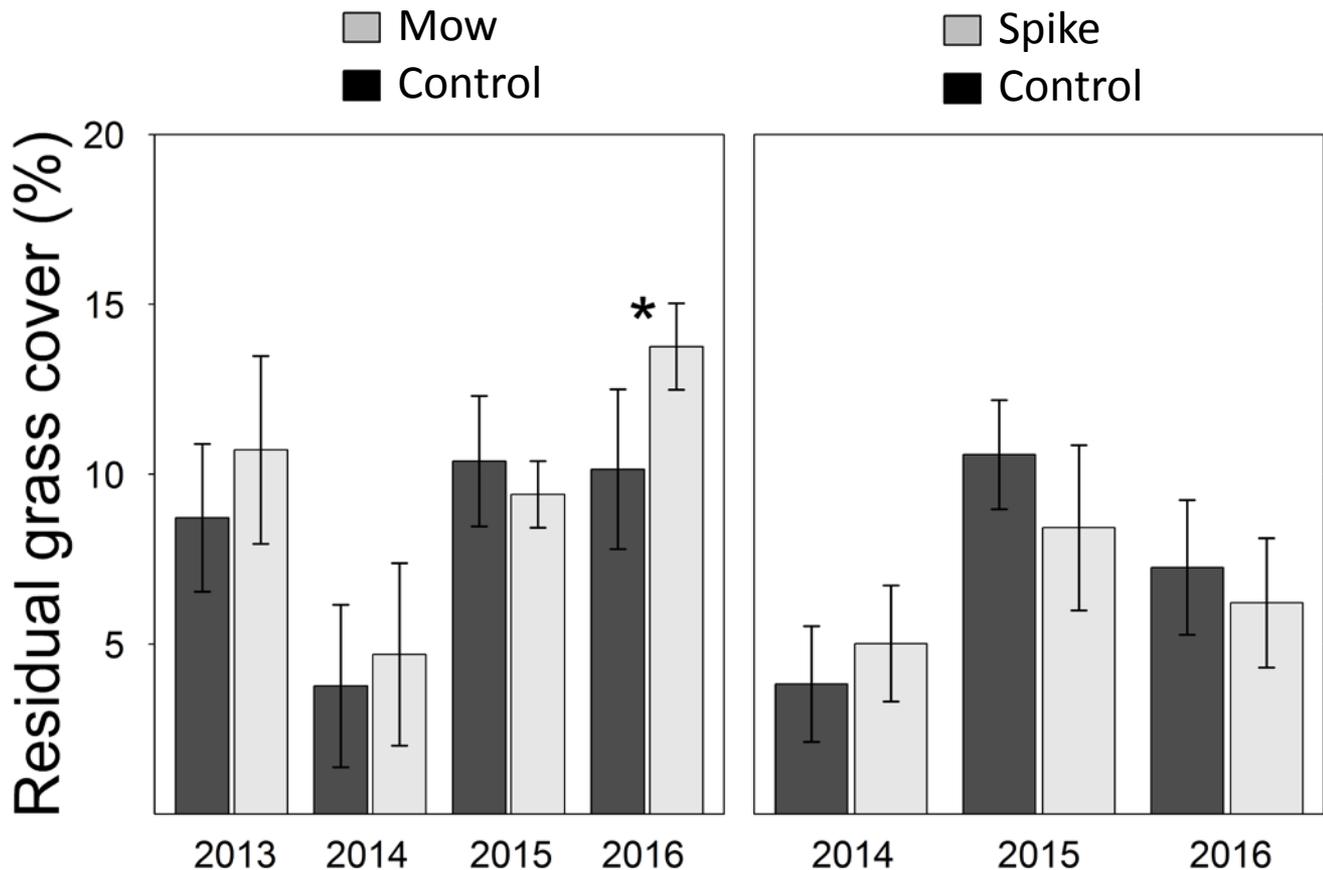
Mow (2014 and 2016)



Spike: 2015



Difference in treatments: Mow (2015)

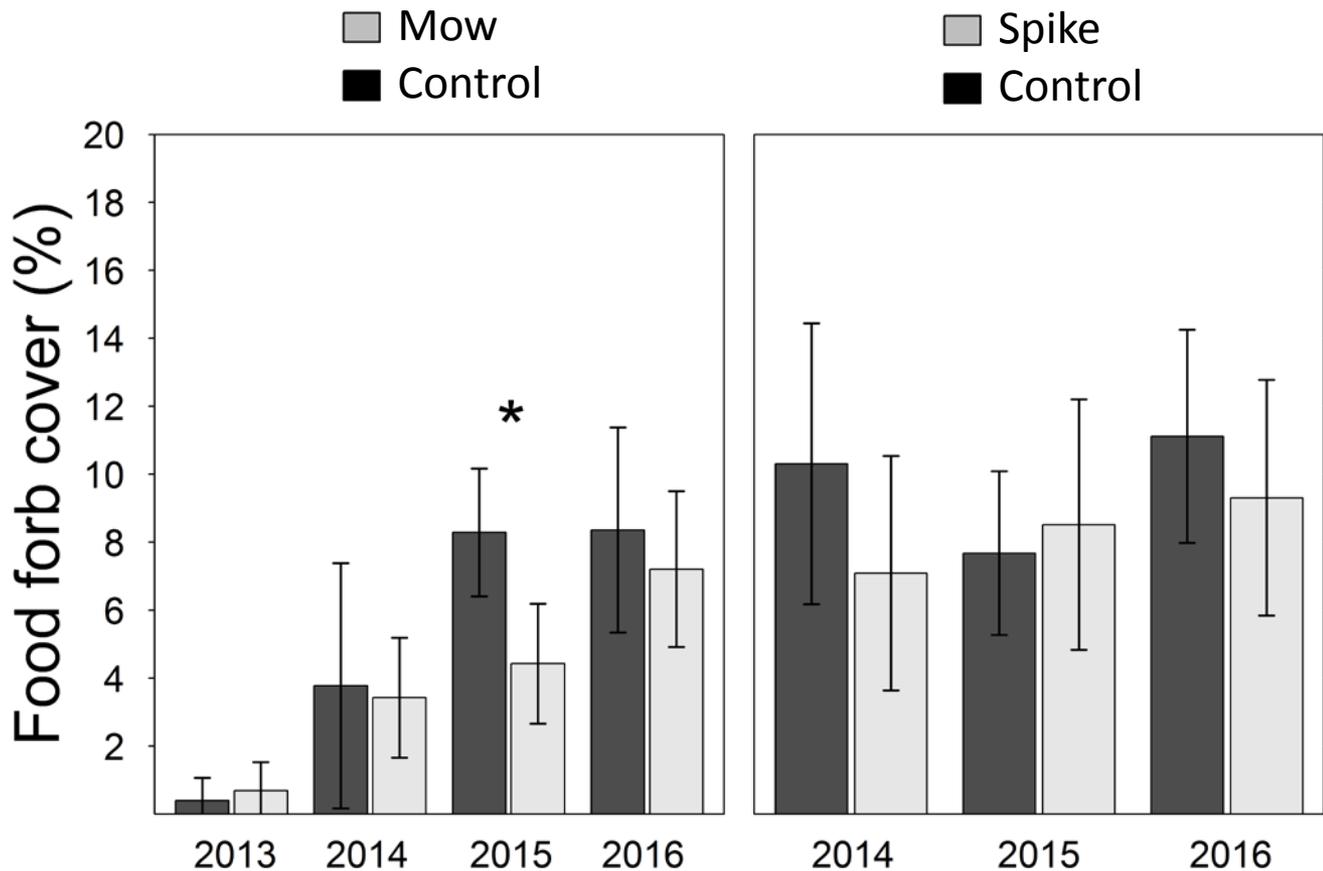


Mow: 2016

Difference in treatments:



Mow (2016)

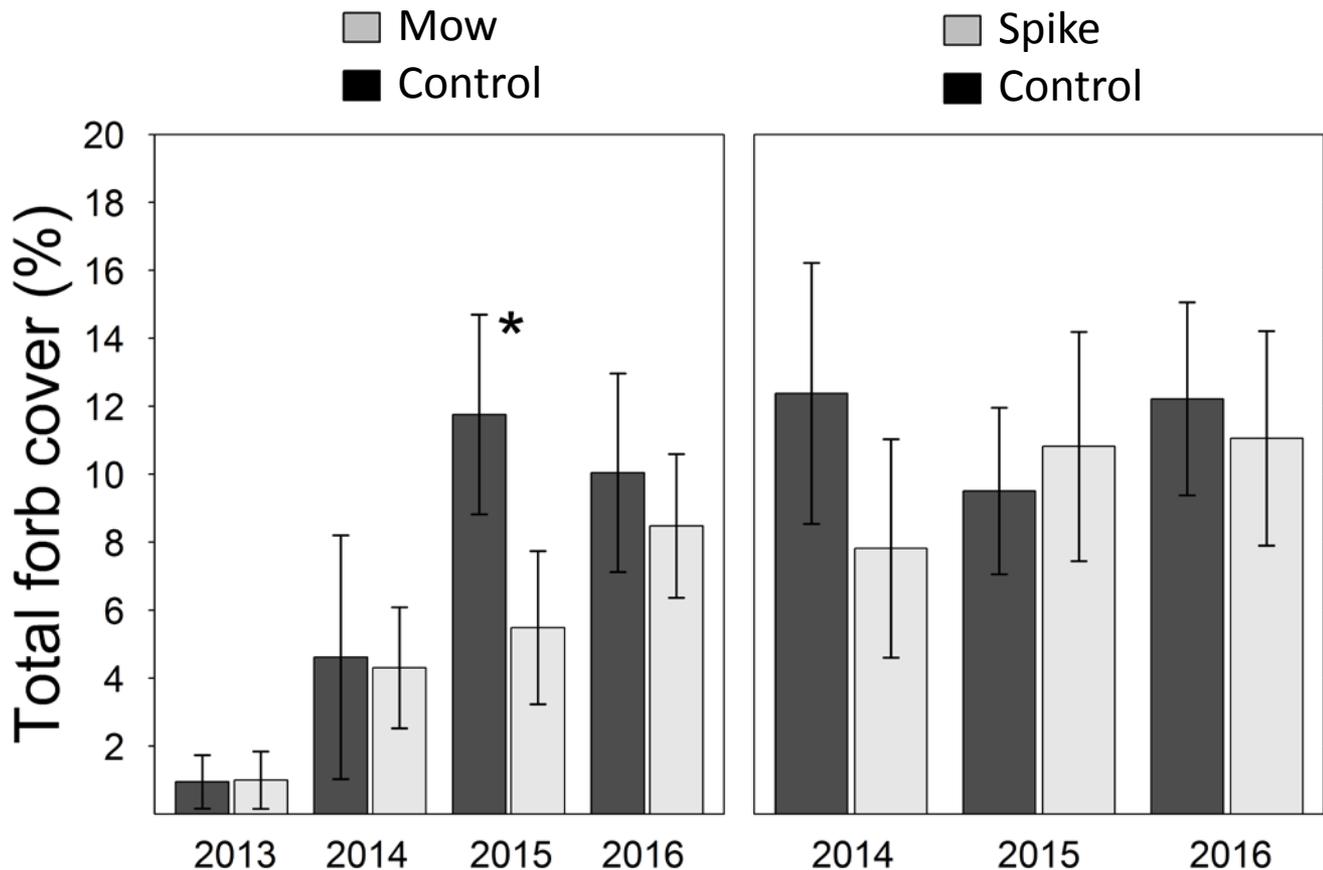


Mow: 2015



No difference between treatments

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Mow: 2015



Difference in treatments: Spike (2015)

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Sagebrush cover
Sagebrush height



Herbaceous response



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