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

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Introduction
Study Area and Design
Results:
  Shrub Response
  Grass Response
  Forb Response
Conclusions
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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
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No difference between treatments
Results:

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Mow: 2015
No difference between treatments
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Conclusions

<table>
<thead>
<tr>
<th>Year</th>
<th>Mow Control</th>
<th>Spike Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>5</td>
<td>7</td>
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<tr>
<td>2014</td>
<td>15</td>
<td>20</td>
</tr>
<tr>
<td>2015</td>
<td>22</td>
<td>18</td>
</tr>
<tr>
<td>2016</td>
<td>30</td>
<td>25</td>
</tr>
</tbody>
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Difference in treatments: Mow (2014 and 2016)
Spike: 2015

Difference in treatments: Mow (2015)
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Difference in treatments: Mow (2016)
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Mow: 2015

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Difference in treatments: Spike (2015)
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