<table>
<thead>
<tr>
<th>Timing of fire</th>
<th>Location</th>
<th>Seral stage</th>
<th>Perennial grasses</th>
<th>Forb + legumes</th>
<th>Total production</th>
<th>Comments</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Late summer</td>
<td>Northcentral</td>
<td>Mid</td>
<td>Year 1 -41% (-960)</td>
<td>Year 1 -112% (-260)</td>
<td>Year 1 nc</td>
<td>Burned in 1985. Moderately grazed. 4400 kg/ha fuel.</td>
<td>Ewing and Engle (1988)</td>
</tr>
<tr>
<td>(September 5)</td>
<td>Oklahoma</td>
<td></td>
<td>Year 2 nc</td>
<td>Year 2 nc</td>
<td></td>
<td></td>
<td>Engle et al. (1992)</td>
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<tr>
<td>Measured in</td>
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<td>June</td>
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</tr>
<tr>
<td>Late summer</td>
<td>Northcentral</td>
<td>Late</td>
<td>Year 1 -27% -540 kg/ha</td>
<td>Year 1 +173% +1610 kg/ha</td>
<td>Year 1 nc2</td>
<td>Burned in 1985. Ungrazed. 10,300 kg/ha fuel.</td>
<td>Ewing and Engle (1988)</td>
</tr>
<tr>
<td>(September 5)</td>
<td>Oklahoma</td>
<td></td>
<td>Year 2 nc</td>
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<tr>
<td>Late summer</td>
<td>Northcentral</td>
<td>Mid</td>
<td>Year 1 nc</td>
<td>Year 1 nc</td>
<td>Year 1 nc</td>
<td>Burned in 1985. Moderately grazed. 4400 kg/ha fuel.</td>
<td>Ewing and Engle (1988)</td>
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<tr>
<td>Later Summer</td>
<td>Northcentral</td>
<td>Late</td>
<td>Year 1 nc</td>
<td>Year 1 nc</td>
<td>Year 1 nc</td>
<td>Burned in 1985. Ungrazed. 10,300 kg/ha fuel.</td>
<td>Ewing and Engle (1988)</td>
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<tr>
<td>Late summer</td>
<td>Northcentral</td>
<td>Late</td>
<td>Year 1 -39% (-1200)</td>
<td>Year 1 -16% (-580)</td>
<td>Year 2 nc</td>
<td>Burned in 1988 and 1989. Plots burned in moderately grazed pasture. 8200 kg/ha fuel. Forb production was highly variable among treatment plots.</td>
<td>Engle et al. (1993)</td>
</tr>
<tr>
<td>(September)</td>
<td>Oklahoma</td>
<td></td>
<td>Year 2 nc</td>
<td>Year 2 nc</td>
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<tr>
<td>Late summer</td>
<td>Southcentral</td>
<td>Mid</td>
<td>Loamy -54% (-1280)</td>
<td>+ 53% (+690)</td>
<td>nc</td>
<td>Burned two sites (shallow and loamy) up to 3 times in 5 years. Not grazed the year of the first burn and after for the duration of the study. Prairie threeawn abundant at the time of the first burn. Response reported for only first burn.</td>
<td>Engle et al. (1998)</td>
</tr>
<tr>
<td>to early fall</td>
<td>Oklahoma</td>
<td></td>
<td>Shallow nc</td>
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<td>to early October)</td>
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