Dewormer Efficacy in Oklahoma Stocker Calves

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**Table 1.**

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Chemical</th>
<th>Formulation</th>
<th>42-d ADG, lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>CON</td>
<td>none</td>
<td>none</td>
<td>1.58</td>
</tr>
<tr>
<td>FEN</td>
<td>Fenbendazole</td>
<td>drench</td>
<td>1.83</td>
</tr>
<tr>
<td>IV1²</td>
<td>Ivermectin</td>
<td>injectable</td>
<td>1.63</td>
</tr>
<tr>
<td>IV2²</td>
<td>Ivermectin</td>
<td>injectable</td>
<td>1.55</td>
</tr>
<tr>
<td>IV3</td>
<td>Ivermectin</td>
<td>pour-on</td>
<td>1.50</td>
</tr>
</tbody>
</table>

¹n = 2, 50-animal pens per treatment, SE = 0.12 lb/d, P = 0.43
²different manufacturers

**Figure 1.**

14-d Fecal Egg Count Reduction Percent

- CON: -12%
- FEN: 99%
- IV1: 44%
- IV2: 39%
- IV3: 37%

SE=7%
are interested in reducing parasite loads in their stocker cattle should consider using a dewormer other than ivermectin. Producers should work with their animal health advisors to design an integrated parasite control program specific to their operations and objectives.

Average daily gain was similar among the dewormer treatments (Table 1). However, Figure 1 reveals that fenbendazole produced the greatest reduction (99 percent) in egg shedding. The steers that received no dewormer actually increased the number of eggs they were shedding. The formulations of ivermectin that we tested were not effective at reducing the number of eggs shed. This trial would indicate that producers who

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