Greetings CARMers!

Let's Recap!

Herd

Mixed Soils
Warm & Cool Season Grasses
Vegetation Threshold 500 pounds/acre

Pasture Stats:
- Mixed Soils
- Warm & Cool Season Grasses
- Vegetation Threshold 500 pounds/acre

Grazed

Next

Rest
Soil Moisture Distribution

What's in our cup?

Absolutely nothing.

Current Soil Moisture
2019-09-22
Remote WOW

The cattle were so comfortable around the scales they would continue to use it during routine maintenance - even with panels open!

Cowboy Report

Grazing across pasture in two large groups, they look happy & healthy.
This last week, we had technical difficulties with the CARM scale, which resulted in a late evening complete data logger swap!

Waiting on the corrected data, thank you for your patience!
The Scoop on Poop

Digestible Organic Matter (%DOM)

Crude Protein (%CP)
Tech Note:
- Cattle come off Sept 28th
Grazing Rotation Record

### 2019, what a memorable season you've been...

- Kicked off the season with a snow storm
- Deployed Rumi-watch halters, GPS collars, MOOnitors, & RemoteWOW
  *Hello - digital beef data.*
- Rumen micro-biome study
- CARM left first pasture early due to VOR, only received 1.42 inches of rain the last 3 months of season (<70% of the historic record) AND
  *CARM still reserved two pastures!*

<table>
<thead>
<tr>
<th>Pasture</th>
<th>What we wanted to happen</th>
<th>What actually happened</th>
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<tbody>
<tr>
<td></td>
<td>Notes from April</td>
<td>Date In</td>
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<tr>
<td>1) Headquarters</td>
<td>Shoot for 14 days</td>
<td>17-May</td>
</tr>
<tr>
<td>2) Elm</td>
<td>Shoot for 14 days, more cool seasons-wt gains</td>
<td>29-May</td>
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<tr>
<td>3) Saltflat</td>
<td>More mixed sp. Composition-wt gains</td>
<td>12-Jun</td>
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<tr>
<td>4) Highway</td>
<td>Gain potential</td>
<td>1-Jul</td>
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<tr>
<td>5) Hilltank</td>
<td>MCLO</td>
<td>23-Jul</td>
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<tr>
<td>6) Crossroads</td>
<td>MCLO</td>
<td>8-Aug</td>
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<td>7) South</td>
<td>MCLO, but will be grazed later to miss Four-wing</td>
<td>22-Aug</td>
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<td>8) Snowfence</td>
<td>Gains, last 14 days</td>
<td>13-Sep</td>
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<tr>
<td>9) Ridgeline</td>
<td>Rest for GHSP, grassbank</td>
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<tr>
<td>10) Nighthawk</td>
<td>Rest increase gain here by resting C3, and because it is not a MCLO pasture</td>
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On behalf of the USDA-ARS Rangeland Resources & Systems Research Unit, I thank you all for your continued participation in this project.

Happy Trails!