**HEAT DETECTION**

1 Shot PG: $3.00/hd

- Heat detect & AI
- Treatment day: 0, 5, 12

CIDR®-PG: $11.50/hd

- Heat detect & AI
- Treatment day: 0, 7, 13

MGA®-PG: $6.00/hd

- Heat detect & AI
- Treatment day: 1, 14, 33, 39

**FIXED-TIME AI (TAI)**

CO-Synch + CIDR®: $18.50/hd

Perform TAI at 54 ± 2 hr after PG with GnRH at TAI.

- Heat detect & AI
- Treatment day: 0, 7, 9

MGA®-PG: $9.50/hd

Perform TAI at 72 ± 2 hr after PG with GnRH at TAI.

- Heat detect & AI
- Treatment day: 1, 14, 33, 36

CIDR® Select: $20.00/hd

Perform TAI at 72 ± 2 hr after PG with GnRH at TAI.

- Heat detect & AI
- Treatment day: 0, 14, 23, 30, 35

**HEAT DETECT & TIME AI (TAI)**

Select Synch + CIDR® & TAI: $18.50/hd

Heat detect and AI day 7 to 10 and TAI all non-responders 72 - 84 hr after PG with GnRH at TAI.

- Heat detect & AI
- Treatment day: 0, 10

MGA®-PG & TAI: $9.50/hd

Heat detect and AI day 33 to 36 and TAI all non-responders 72 - 84 hrs after PG with GnRH at TAI.

- Heat detect & AI
- Treatment day: 33, 36

**COMPARISON OF PROTOCOLS FOR BEEF HEFERS**

<table>
<thead>
<tr>
<th>HEAT DETECTION</th>
<th>COST</th>
<th>LABOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Shot PG</td>
<td>Low</td>
<td>High</td>
</tr>
<tr>
<td>CIDR®-PG</td>
<td>Medium</td>
<td>Medium</td>
</tr>
<tr>
<td>MGA®-PG</td>
<td>Low</td>
<td>Low/Medium</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEAT DETECT &amp; TAI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select Synch + CIDR® (TAI non-responders 72-84 hr after PG)</td>
</tr>
<tr>
<td>MGA®-PG (TAI non-responders 72-84 hr after PG)</td>
</tr>
</tbody>
</table>

**FIXED-TIME AI (TAI)**

CO-Synch + CIDR® (TAI 54 ± 2 hr after PG with GnRH at TAI)

- Heat detect & AI
- Treatment day: 0, 7, 9

MGA®-PG (TAI 72 ± 2 hr after PG with GnRH at TAI)

- Heat detect & AI
- Treatment day: 1, 14, 33, 36

CIDR® Select (TAI 72 ± 2 hr after PG with GnRH at TAI)

- Heat detect & AI
- Treatment day: 0, 14, 23, 30, 35

• The times listed for “Fixed-time AI” should be considered as the approximate average time of insemination. This should be based on the number of heifers to inseminate, labor, and facilities.

*Beef Reproduction Task Force*