Southwest Center Synch

Day (-24) Prostaglandin

- Estrus
  - Watch for Estrus in 21 days
  - Prostaglandin Day (-3)
    - Estrus
      - Day 0 is the Planned Start of Mating season
    - No Estrus
      - Day (-17) Prostaglandin
        - Estrus
          - Day 0 is the Planned Start of Mating season
        - No Estrus
          - Day (-10) CIDR and GnRH
            - Day (-3) remove CIDR and Prostaglandin
**Ovsynch 56 + CIDR**

**CIDR (7 d)**
- GnRH
- PGF
- GnRH
- AI

27/45--- 60%

- 0
- 7 ................. 56 h ........... 16 h

**FTAI**

**CIDR (14 d)**
- GnRH
- PGF
- GnRH
- AI

24/42--- 57%

- 0
- 14
- 19
- 56h.....16h

**Modified Show-Me Synch**
## Grazing Dairy Reproduction 2013 - 2006

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<tbody>
<tr>
<td><strong>Submission Rates</strong></td>
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<tr>
<td>1st 3 weeks</td>
<td>100%</td>
<td>100%</td>
<td>89.1%</td>
<td>74.2%</td>
<td>75.5%</td>
<td>72.6%</td>
<td>70.8%</td>
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<td>1st 6 weeks</td>
<td>100.0%</td>
<td>100.0%</td>
<td>95.7%</td>
<td>85.6%</td>
<td>92.6%</td>
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<td>93.75%</td>
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<td>1st 9 weeks</td>
<td>100.0%</td>
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<td><strong>Pregnancy Rates</strong></td>
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<tr>
<td>1st 3 weeks</td>
<td>75.2%</td>
<td>71.6%</td>
<td>41.4%</td>
<td>36.1%</td>
<td>43.6%</td>
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<tr>
<td>1st 6 weeks</td>
<td>87.0%</td>
<td>78.4%</td>
<td>51.5%</td>
<td>62.8%</td>
<td>64.2%</td>
<td>66.7%</td>
<td>75.6%</td>
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<tr>
<td>1st 9 weeks</td>
<td>93.8%</td>
<td>86.6%</td>
<td>80.9%</td>
<td>76.8%</td>
<td>84.2%</td>
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Reproduction

- Prostaglandin F2α
- Show Me Synch

14-day CIDR®-PG
Perform TAI at 66 ± 2 hr after PG with GnRH at TAI.

CIDR® ... 16 d ...

PG  66 ± 2 hr

GnRH

AI

30 33

treatment day

Approved 12-01-10

Beef Reproduction

Missouri Dairy Grazing Conference 2013
* Heifers synchronized using Show Me Synch (14 Day CIDR)
* 36/49 (73.4%) pregnant to TAI (2010)
* 24/34 (71%) pregnant to TAI (2011)
* 27/38 (72%) pregnant to TAI (2012)
* 29/39 (74%) pregnant to TAI (2013)