HEAT DETECTION
Select Synch
- GnRH on treatment days 0, 6, 7, 13
- PG on treatment days 7, 7
- Heat detect & AI between days 6 to 13

Select Synch + CIDR®
- GnRH on treatment days 0, 7, 13
- PG on treatment days 7, 7
- CIDR® on treatment day 7
- Heat detect & AI between days 6 to 13

PG 6-day CIDR®
- Heat detect & AI days 0 to 3.
- CIDR® administered to non-responders and heat detect & AI days 9 to 12.
- Protocol may be used in heifers.

HEAT DETECT & TIME AI (TAI)*
Select Synch & TAI
- Heat detect and AI day 6 to 10 and TAI all non-responders
- 72 – 84 hr after PG with GnRH at TAI.

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

Select Synch + CIDR® & TAI
- Heat detect and AI day 7 to 10 and TAI all non-responders 72 - 84 hr after PG with GnRH at TAI.

PG 6-day CIDR® & TAI
- Heat detect & AI days 0 to 3.
- GnRH administered to non-responders & heat detect and AI days 9 to 12.
- TAI non-responders 72 - 84 hr after CIDR removal with GnRH at TAI.
- Protocol may be used in heifers.

PG 5-day CO-Synch + CIDR®
- Perform TAI at 66 ± 2 hr after CIDR removal with GnRH at TAI.
- Two injections of PG 8 ± 2 hr apart are required for this protocol.

5-day CO-Synch + CIDR®
- Perform TAI at 72 ± 2 hr after CIDR removal with GnRH at TAI.
- Two injections of PG 8 ± 2 hr apart are required for this protocol.

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

Approved 8-28-2017

Beef Reproduction Task Force
**HEAT DETECTION**

1 Shot PG

7-day CIDR®-PG

MGA®-PG

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

Select Synch + CIDR® & TAI

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

MGA®-PG & TAI

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

14-day CIDR®-PG & TAI

Heat detect and AI day 30 to 33 and TAI all non-responders 72 hrs after PG with GnRH at TAI.

**FIXED-TIME AI (TAI)**

Short-term Protocols

**7-day CO-Synch + CIDR®**
Perform TAI at 54 ± 2 hr after PG with GnRH at TAI.

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

**Long-term Protocols**

**5-day CO-Synch + CIDR®**
Perform TAI at 60 ± 4 hr after CIDR removal with GnRH at TAI. Two injections of PG 8 ± 2 hr apart are required for this protocol.

**MGA®-PG**
Perform TAI at 72 ± 2 hr after PG with GnRH at TAI.

* 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.