BEEF COW PROTOCOLS - 2019

HEAT DETECTION

Select Synch

GnRH
PG
0   6   7   13
treatment day
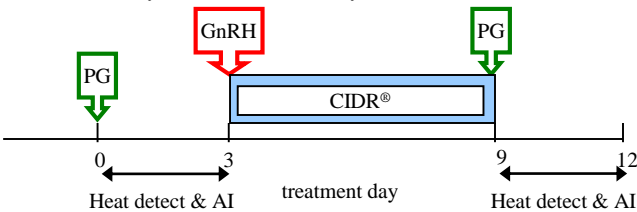Heat detect & AI

Select Synch + CIDR®

GnRH
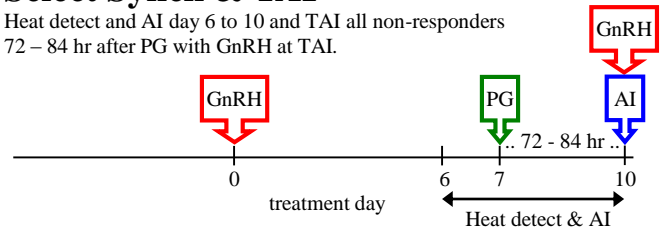PG
CIDR®
0   7   13
treatment day
Heat detect & AI
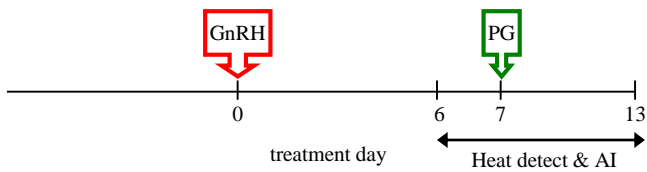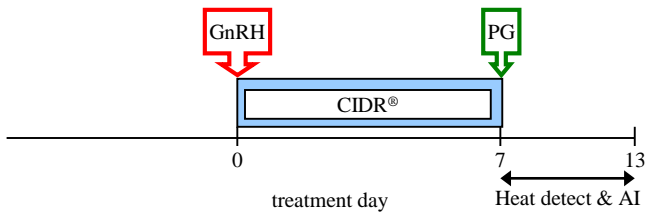
PG 6-day CIDR®

Heat detect and AI days 0 to 3. Administer CIDR to non-responders and heat detect and AI days 9 to 12. Protocol may be used in heifers.

PG
GnRH
PG
CIDR®
0   3   9   12
Heat detect & AI   treatment day   Heat detect & AI

HEAT DETECT & TIME AI (TAI)
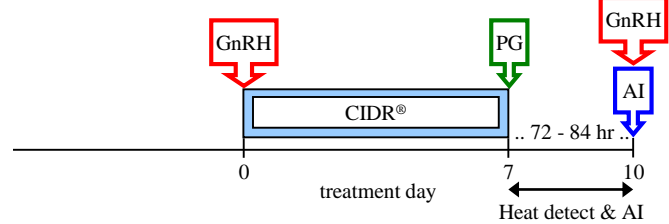
Select Synch & TAI

Heat detect and AI day 6 to 10 and TAI all non-responders 72 – 84 hr after PG with GnRH at TAI.

GnRH
GnRH
PG
AI
.. 72 - 84 hr ..
0   6   7   10
treatment day
Heat detect & AI

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.

GnRH
GnRH
PG
AI
CIDR®
.. 72 - 84 hr ..
0   7   10
treatment day
Heat detect & AI

PG 6-day CIDR® & TAI

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

GnRH
PG
GnRH
PG
AI
CIDR®
.. 72 - 84 hr ..
0   3   9   12
Heat detect & AI   treatment day   Heat detect & AI
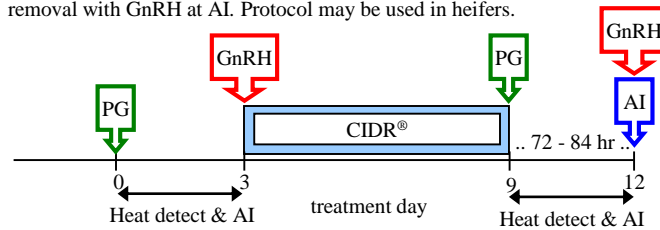
FIXED-TIME AI (TAI)*

7-day CO-Synch + CIDR®

Perform TAI at 60 to 66 hr after PG with GnRH at TAI.

GnRH
GnRH
PG
AI
CIDR®
.. 60 - 66 hr ..
0   treatment day   7   10
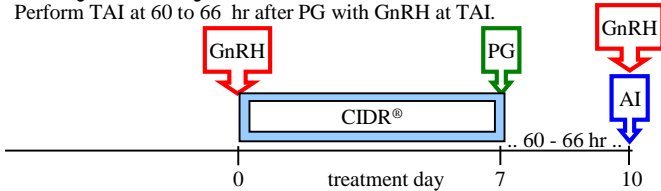
5-day CO-Synch + CIDR®

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.

GnRH
PG   PG
GnRH
AI
CIDR®
8 ± 2 hr
…..72 ± 2 hr..
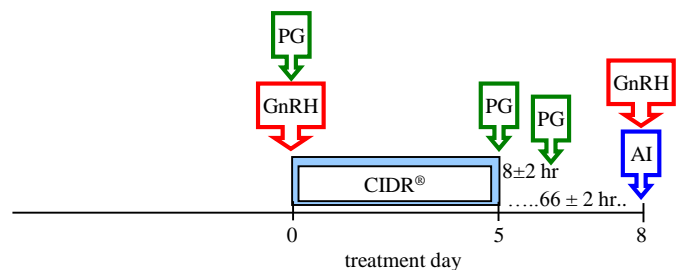0   treatment day   5   8
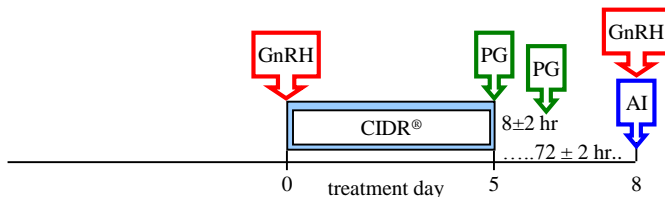
FIXED-TIME AI (TAI)*
for *Bos Indicus* cows only

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.

PG
GnRH
PG   PG
GnRH
AI
CIDR®
8 ± 2 hr
…..66 ± 2 hr..
0   5   8
treatment day

* 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.
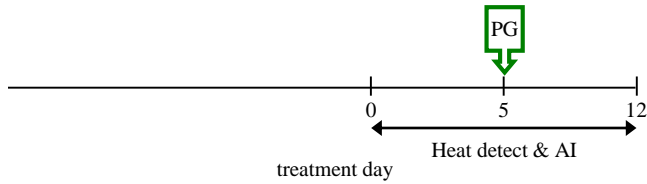
GnRH — Cystorelin®, Factrel®, Fertagyl®, OvaCyst®, GONABreed®

PG — estroPLAN®, Estrumate®, In-Synch®, Lutalyse®, Lutalyse® *HighCon*, ProstaMate®, SYNCHSURE™
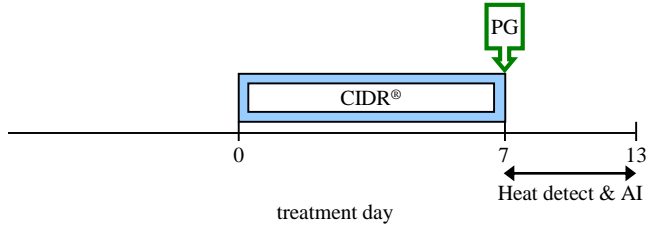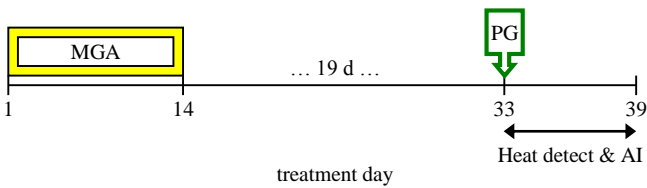
BEEF HEIFER PROTOCOLS - 2019

HEAT DETECTION

1 Shot PG

PG

0   5   12

Heat detect & AI

treatment day

7-day CIDR®-PG

PG

CIDR®

0   7   13

Heat detect & AI

treatment day

MGA®-PG

MGA
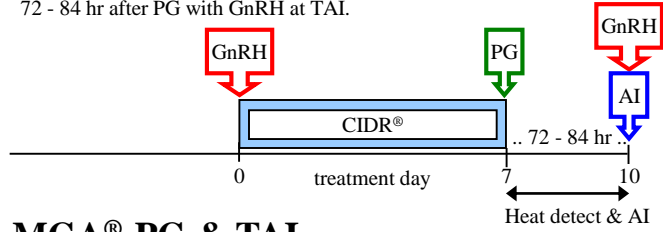
PG

… 19 d …

1   14   33   39

Heat detect & AI

treatment day

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.

GnRH   PG   GnRH / AI

CIDR®   .. 72 - 84 hr ..

0   treatment day   7   10

Heat detect & AI

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.

GnRH / AI   PG

MGA   … 19 d …   .. 72 - 84 hr ..

1   14   treatment day   33   36
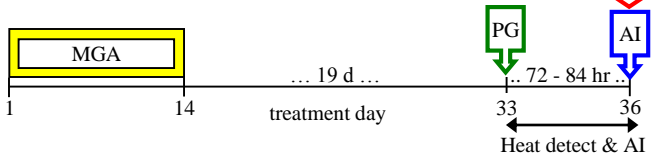
Heat detect & AI

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.

GnRH / AI   PG

CIDR®   … 16 d …   ..70 - 74 hr ..

0   14   treatment day   30   33

Heat detect & AI
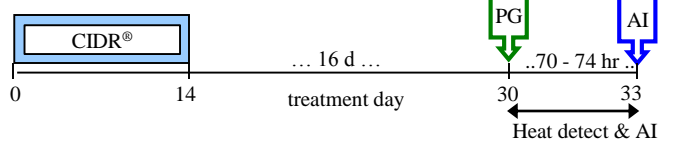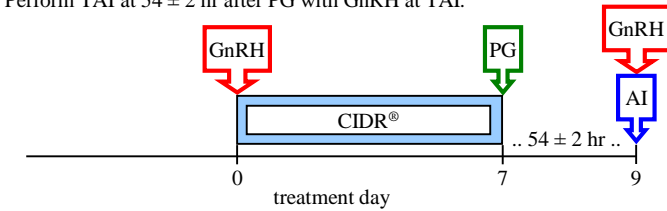
FIXED-TIME AI (TAI)*

Short-term Protocols

7-day CO-Synch + CIDR®

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

GnRH   PG   GnRH / AI

CIDR®   .. 54 ± 2 hr ..
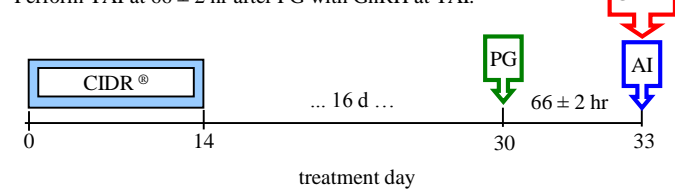
0   treatment day   7   9

5-day CO-Synch + CIDR®

Perform TAI at 60 ± 4 hr after CIDR removal with GnRH at TAI.
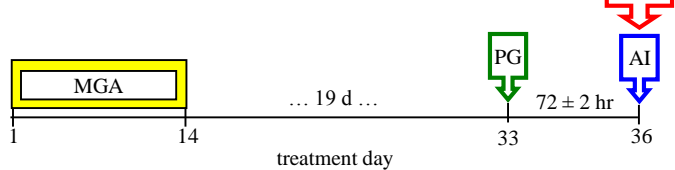Two injections of PG 8 ± 2 hr apart are required for this protocol.

GnRH   PG PG   GnRH / AI

CIDR®   8±2 hr   …..60 ± 4 hr..

0   treatment day   5   7
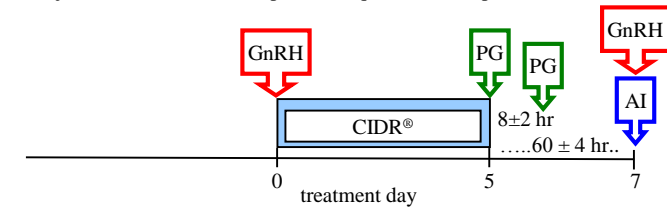
Long-term Protocols

14-day CIDR®-PG

Perform TAI at 66 ± 2 hr after PG with GnRH at TAI.

GnRH   PG / AI

CIDR®   ... 16 d …   66 ± 2 hr

0   14   30   33

treatment day

MGA®-PG

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

GnRH   PG / AI

MGA   … 19 d …   72 ± 2 hr

1   14   treatment day   33   36

* 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.

GnRH — Cystorelin®, Factrel®, Fertagyl®, OvaCyst®, GONABreed®

PG — estroPLAN®, Estrumate®, In-Synch®, Lutalyse®, Lutalyse® *HighCon*, ProstaMate®, SYNCHSURE™