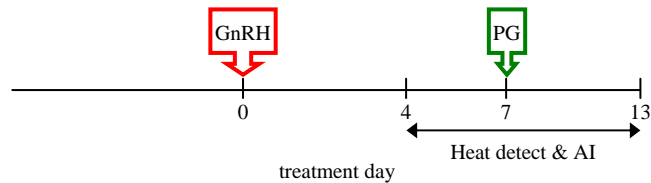


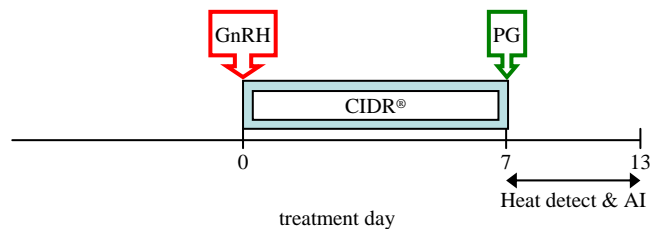
BEEF COW PROTOCOLS

HEAT DETECTION

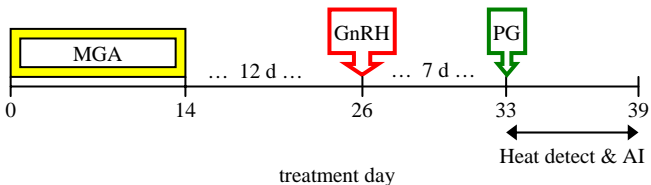
Select Synch



Select Synch + CIDR®



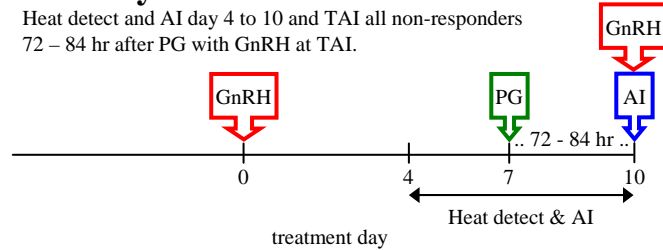
MGA® Select



HEAT DETECT & TIME AI (TAI)

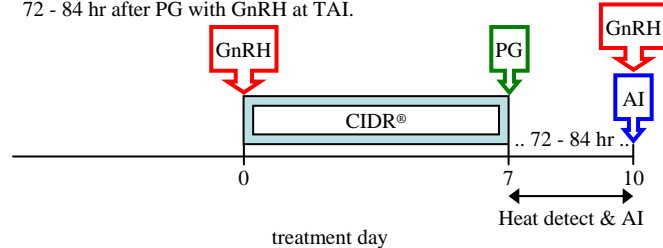
Select Synch & TAI

Heat detect and AI day 4 to 10 and TAI all non-responders 72 – 84 hr after PG with GnRH at TAI.



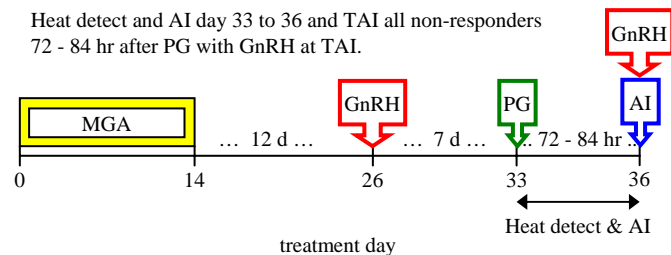
Select Synch + CIDR® & TAI

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



MGA® Select & TAI

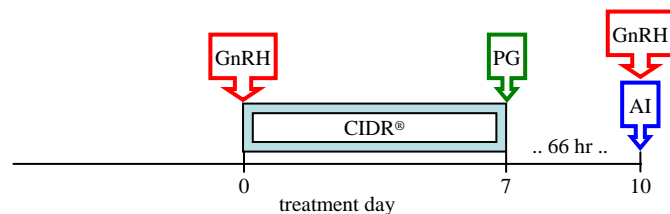
Heat detect and AI day 33 to 36 and TAI all non-responders 72 – 84 hr after PG with GnRH at TAI.



FIXED-TIME AI (TAI)

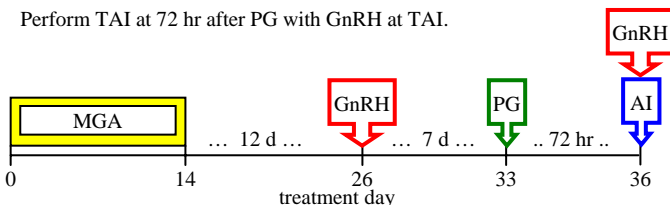
CO-Synch + CIDR®

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



MGA® Select

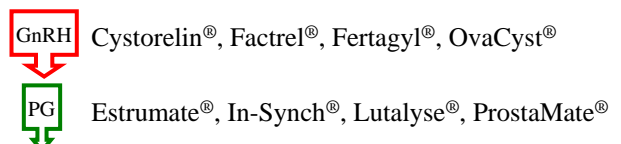
Perform TAI at 72 hr after PG with GnRH at TAI.



COMPARISON OF PROTOCOLS FOR BEEF COWS

HEAT DETECTION	COST	LABOR
Select Synch	Low	Medium/High
Select Synch + CIDR®	High	Medium
MGA® Select	Medium	Medium/High
HEAT DETECT & TAI		
Select Synch (TAI non-responders 72-84 hr after PG)	Low	Medium/High
Select Synch + CIDR® (TAI non-responders 72-84 hr after PG)	High	Medium
MGA® Select (TAI non-responders 72-84 hr after PG)	Medium	Medium/High
FIXED-TIME AI (TAI)		
CO-Synch + CIDR® (TAI at 66 hr after PG with GnRH at TAI)	High	Medium
MGA® Select (TAI at 72 hr after PG with GnRH at TAI)	Medium	High

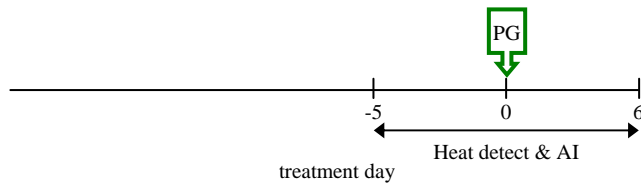
• The times listed for “Fixed-time AI” should be considered as the approximate average time of insemination. This should be based on the number of cows to inseminate, labor, and facilities.



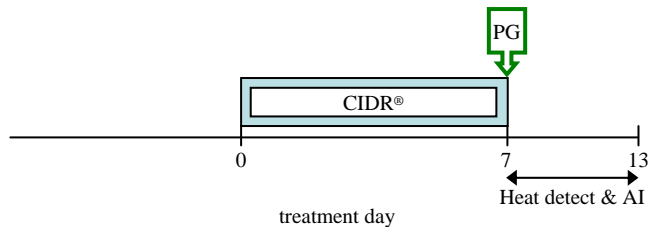
BEEF HEIFER PROTOCOLS

HEAT DETECTION

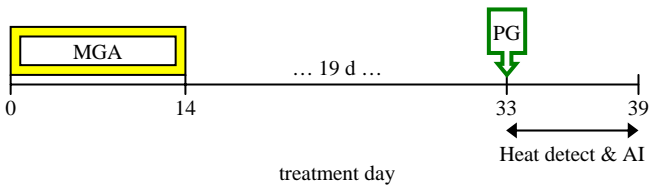
1 Shot PG



CIDR®-PG



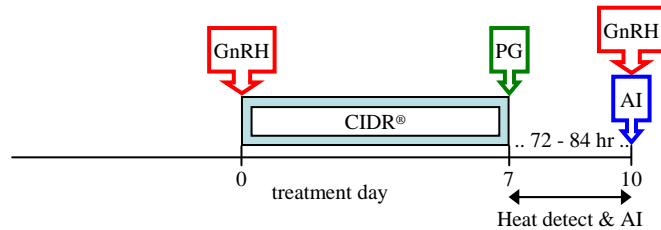
MGA®-PG



HEAT DETECT & TIME AI (TAI)

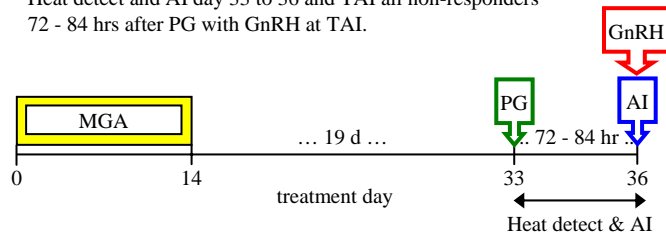
Select Synch + CIDR® & TAI

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

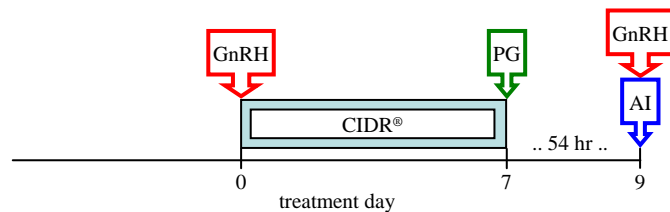
Heat detect and AI day 33 to 36 and TAI all non-responders 72 - 84 hrs after PG with GnRH at TAI.



FIXED-TIME AI (TAI)

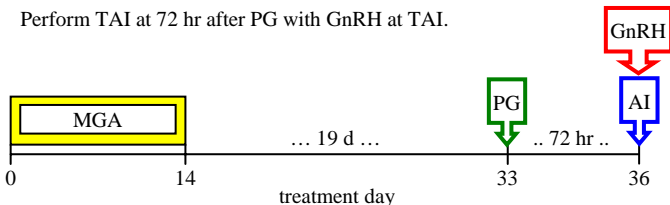
CO-Synch + CIDR®

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



MGA®-PG

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



COMPARISON OF PROTOCOLS FOR BEEF HEIFERS

HEAT DETECTION	COST	LABOR
1 Shot PG	Low	High
CIDR®-PG	Medium	Medium
MGA®-PG	Low	Low/Medium

HEAT DETECT & TAI

Select Synch + CIDR® (TAI non-responders 72-84 hr after PG)	High	Medium
MGA®-PG (TAI non-responders 72-84 hr after PG)	Medium	Medium

FIXED-TIME AI (TAI)

CO-Synch + CIDR® (TAI at 54 hr after PG with GnRH at TAI)	High	Medium
MGA®-PG (TAI at 72 hr after PG with GnRH at TAI)	Medium	Medium

• 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®

PG Estrumate®, In-Synch®, Lutalyse®, ProstaMate®