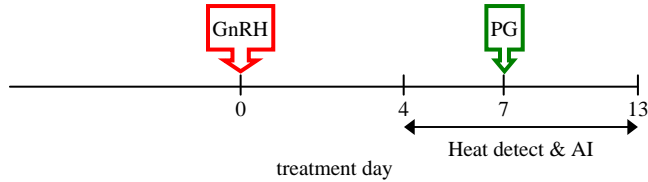


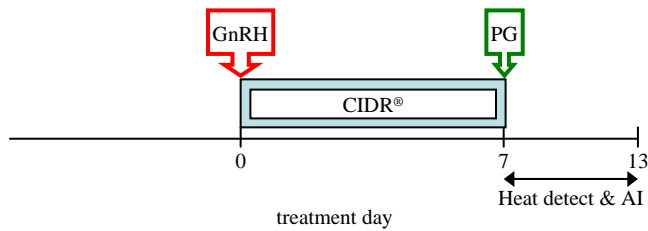
BEEF COW PROTOCOLS

HEAT DETECTION

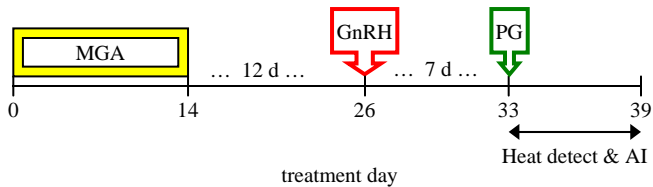
Select Synch



Select Synch + CIDR®



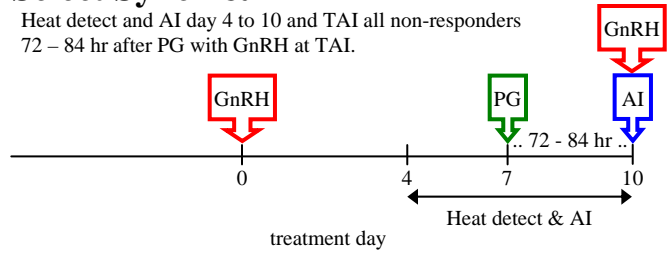
MGA® Select



HEAT DETECT & TIME AI (TAI)

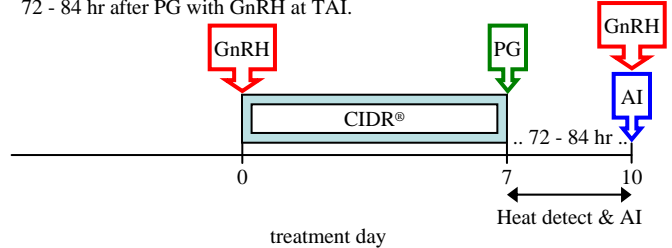
Select Synch & TAI

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



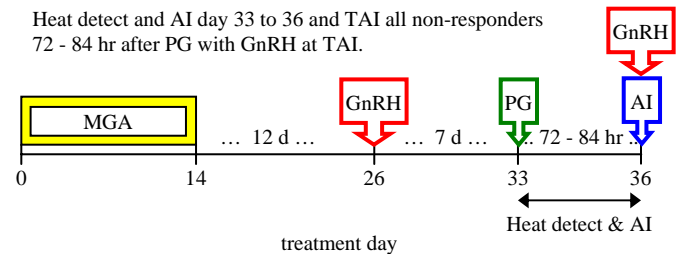
Select Synch + CIDR® & TAI

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

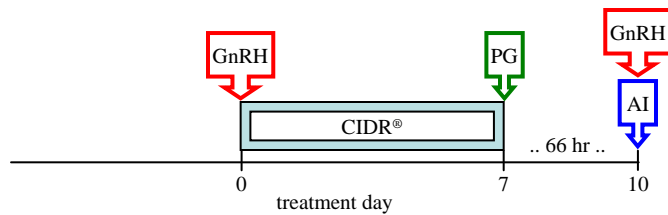
Heat detect and AI day 33 to 36 and TAI all non-responders 72 - 84 hr after PG with GnRH at TAI.



FIXED-TIME AI (TAI)

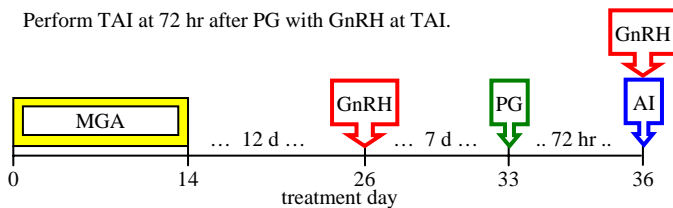
CO-Synch + CIDR®

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

	COST	LABOR
HEAT DETECTION		
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.

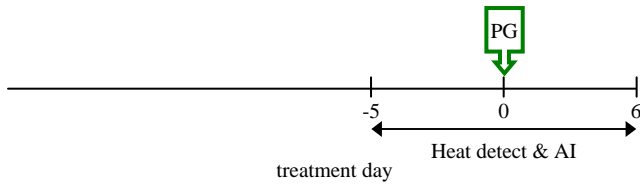
GnRH Cystorelin®, Factrel®, Fertagyl®, OvaCyst®

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

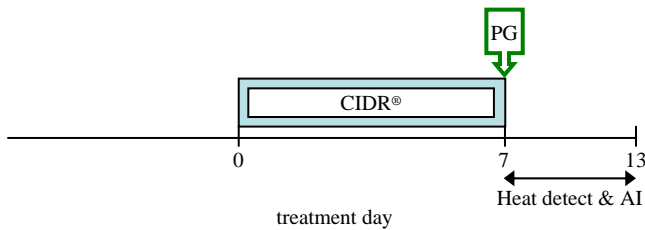
BEEF HEIFER PROTOCOLS

HEAT DETECTION

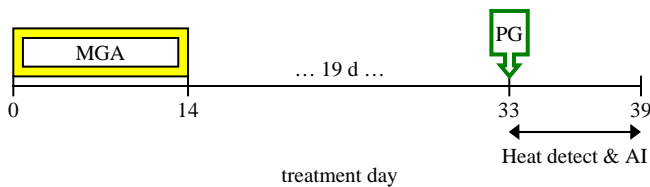
1 Shot PG



CIDR®-PG



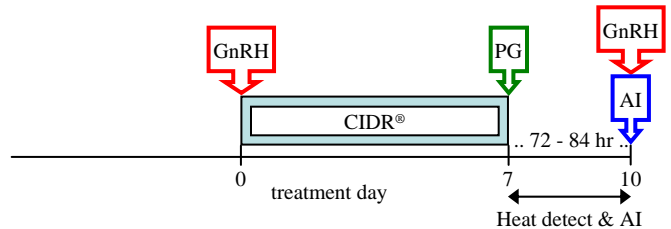
MGA®-PG



HEAT DETECT & TIME AI (TAI)

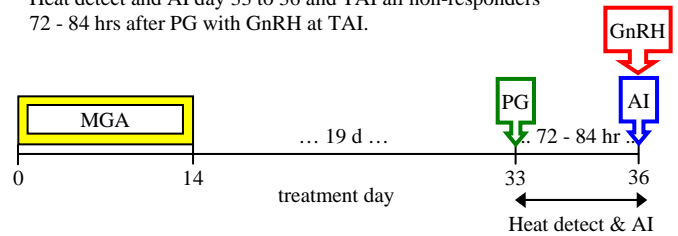
Select Synch + CIDR® & TAI

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

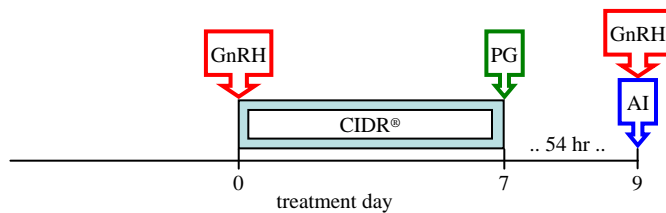
Heat detect and AI day 33 to 36 and TAI all non-responders 72 - 84 hrs after PG with GnRH at TAI.



FIXED-TIME AI (TAI)

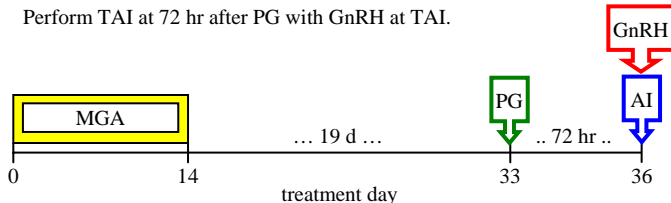
CO-Synch + CIDR®

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®