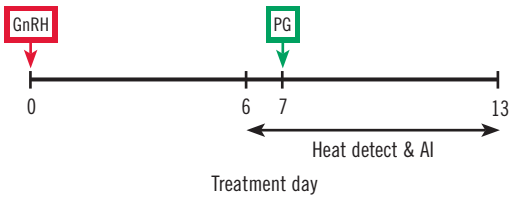
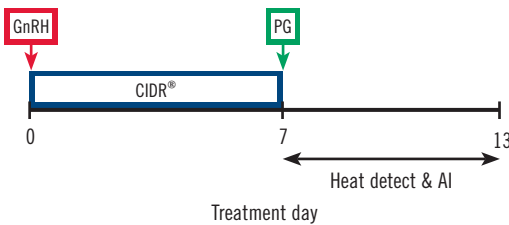


Heat Detection

Select Synch



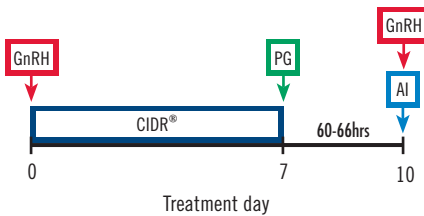
Select Synch + CIDR®



Fixed-time AI (TAI)

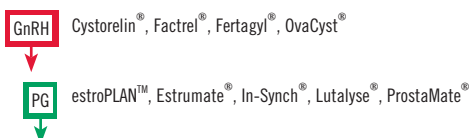
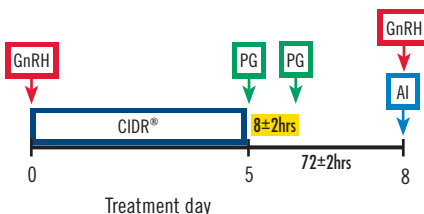
7-Day CO-Synch + CIDR®

Perform TAI at 60 - 66 hours after PG with GnRH at TAI.



5-Day CO-Synch + CIDR®

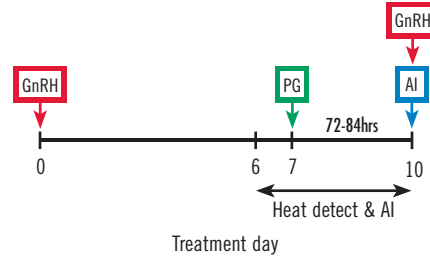
Perform TAI at 72 ± 2 hours after first PG with GnRH at TAI. Two injections of PG 8 ± 2 hours are required for this protocol.



Heat Detect & Timed AI (TAI)

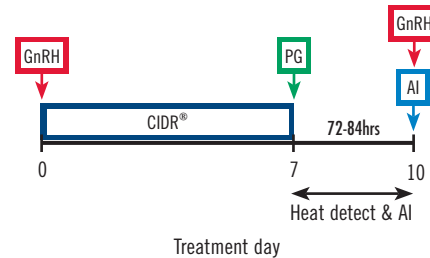
Select Synch & TAI

Heat detect and A.I. day 6 to 10 and TAI all non-responders 72 - 84 hours after PG with GnRH at TAI.



Select Synch + CIDR® & TAI

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



Comparison of Protocols for Beef Cows

Protocol	Cost	Labor
Heat Detection		
Select Synch	Low	Medium/High
Select Synch + CIDR®	High	Medium
Heat Detection & TAI		
Select Synch (TAI non-responders 72-84 hours after PG)	Low	Medium/High
Select Synch + CIDR® (TAI non-responders 72-84 hours after PG)	High	Medium
Fixed-time AI (TAI)		
7-day CO-Synch + CIDR® (TAI 60-66 hours after PG with GnRH at TAI)	High	Medium
5-day CO-Synch + CIDR® (TAI 72 ± 2 hours after first PG with GnRH at TAI)	High	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.