

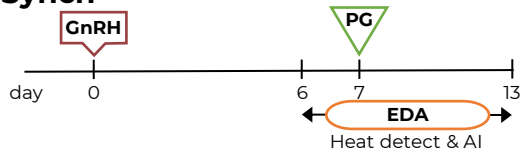
For additional synchronization protocols visit [BeefRepro.org](http://BeefRepro.org)

## HEAT DETECTION

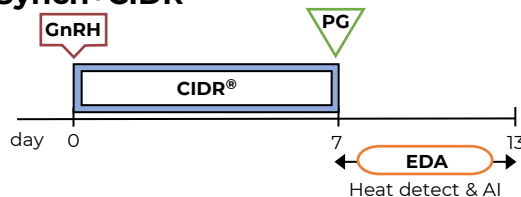
For best results perform AI  $12 \pm 2$  hr after detection of estrus.  
Use of estrus detection aids (EDA) is highly recommended.

### COWS

#### Select Synch

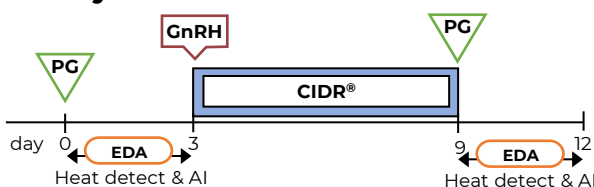


#### Select Synch+CIDR®



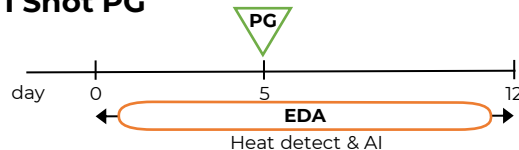
### COWS & HEIFERS

#### PG 6-day CIDR®

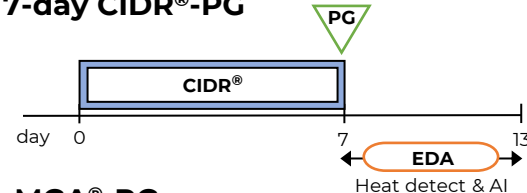


### HEIFERS

#### 1 Shot PG



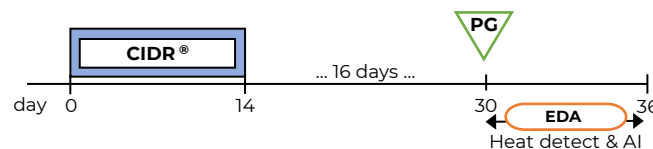
#### 7-day CIDR®-PG



#### MGA®-PG



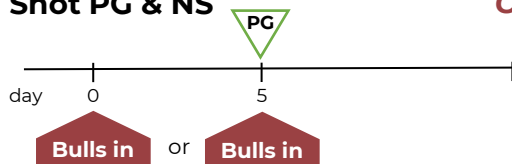
#### 14-day CIDR®-PG



## NATURAL SERVICE

Protocols with less synchrony of estrus are recommended for natural service (NS). Use experienced, 2+ years old bulls that have passed a breeding soundness exam. All protocols for heat detection can also be used with natural service, however a 1:25 bull to cow ratio is recommended.

#### 1 Shot PG & NS



### COWS & HEIFERS

#### 14-day CIDR® & NS

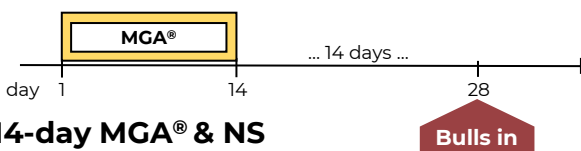


### HEIFERS ONLY

#### 7-day CIDR® & NS



#### 14-day MGA® & NS



EDA

Aervoe™, AIPaint™, Detect-her™, Estroetect™, Kamar™, Mark-her™, Paintstik™, Quick Shot™, Tell Tail™, Twist-Stik™

GnRH

Cystorelin®, Factrel®, Fertagyl®, OvaCyst®, GONABreed®

PG

estroPLAN®, Estrumate®, Lutalyse®, Lutalyse® HighCon, ProstaMate®, SYNCHSURE™

These protocol sheets were assembled by the **Beef Reproduction Task Force**. Programs are intended to promote sustainable food production systems by the beef industry through sound reproductive management practices for replacement heifers and postpartum cows. The Beef Reproduction Task Force recommends working with a licensed veterinarian for proper use and application of all reproductive hormones. **Approved 9-16-2025.** [www.beefrepro.org](http://www.beefrepro.org)



SCAN