

**E (Kika) de la Garza American Institute for Goat Research
Protocols for Synchronizing Does and for Out of Season Breeding
During Artificial Insemination Clinics (Langston, OK)**

For synchronizing during normal breeding season

Day 0 – Insert the CIDR (progesterone intravaginal insert) and administer a prostaglandin (1 ml of Estrumate or 2 ml Lutalyse). Remember, administering a prostaglandin can cause the doe to abort if it turns out she is already pregnant. Care is taken to use this protocol only on open does!

Day 13 – 1 ml of Estrumate or 2 ml of Lutalyse

Day 14 – Pull the CIDR and administer a 1/2 dosage (2.5 ml) of PG 600
Estrus should follow in 42 to 54 hours. Time breed at 48 hours.

Some variations are to 1) to skip the initial injection of Estrumate or Lutalyse on Day 0 when inserting the CIDR, 2) give the prostaglandin compound (Estrumate or Lutalyse) at the same time you pull the CIDR, 3) skip the PG600 (gonadotropin compound) and/or 3) leave the CIDRs in for only 12 to 13 days if in the peak of the breeding season

For synchronizing does during the “out of season” or anestrus period

Day 0 – 1cc of Estrumate or 2 cc Lutalyse + CIDR

Day 13 – 1 cc of estrumate or 2 cc of Lutylase

Day 14 – Pull the CIDR and administer a full dosage (5 ml) of PG 600
Estrus should follow in 42 to 54 hours. Time breed at 48 hours.

Some variations are to 1) to skip the initial injection of Estrumate or Lutalyse on Day 0 when inserting the CIDR, and/or 2) give the prostaglandin compound (Estrumate or Lutalyse) at the same time you pull the CIDR and administer the PG 600.