

SW Center Breeding Protocol

- 1) Check HEAT WATCH system and batteries prior to March 1.
- 2) Select 1st desired breeding date to correspond to beginning calving.
- 3) Move 24 days backward and inject Lutalyse (5 CC IM) to all eligible cows.
 - a. Eligible cow is cow that is minimum 21 days fresh.
- 4) Tail paint all eligible cows (red).
- 5) Check for estrus daily and record any cows exhibiting heat.
 - a. Tail paint cows exhibiting heat different color (blue).
- 6) 17 days prior to breeding, re-inject Lutalyse to cows not responding to first injection.
- 7) Check for estrus daily and record any cows exhibiting heat.
 - a. Tail paint cows exhibiting heat different color (yellow).
- 8) All cows **not responding** to either injection, insert CIDR intravaginally
 - a. Tail paint cows different color (green).
- 9) Remove CIDR 7 days later (3 days before breeding) and inject Lutalyse to cows that had CIDRs (green tail paint) and cows that displayed heat the prior week (yellow tail paint).
- 10) If using HEAT WATCH, place transponders on tail head of **all fresh cows**.
- 11) Begin breeding cows displaying heat within 7 days of breeding date.
- 12) Tail paint all fresh cows (cows calving after initiation of synchronization program) different color (purple) until addition of HEAT WATCH.
- 13) Record all heats from all dates beginning 24 days prior to breeding.

PGF2a eligible cows					PGF2a cows not responded to 1st							
-24	-23	-22	-21	-20	-19	-18	-17	-16	-15	-14	-13	
-12	-11	-10	-9	-8	-7	-6	-5	-4	-3	-2	-1	0
		CIDR cows not responding					Remove CIDR/PGF2a yellow/green cows				Breeding date	

- 14) AI all cows on standing heat: AM/PM rule.
- 15) Record all breeding and sire/dam information.
- 16) AI cows for 8 weeks and turn in bulls.
- 17) Pregnancy check all cows 40 days after last breeding which corresponds to last desired calving date to determine cows in calf for calving window.
- 18) Pregnancy check all cows in November.