

EAZI-BREED™ CIDR®s: Method of Choice for GENESIS MOET

Incorporating CIDRs into the reproductive program at the Genex GENESIS MOET (Multiple Ovulation Embryo Transfer) facility near Shawano, Wis., led to significantly improved reproductive results in 2005.

"In 2004 we used the Co-Synch protocol to synchronize recipient heifers so we could implant embryos. For 2005, I decided to make a change to the program. Using CIDRs, we were able to improve our overall pregnancy rate to 64.4 percent. Our pregnancy rate, or successful embryo transfer rate, improved 7.6 percent simply by implementing CIDR use," said Jennifer Patterson, Embryo Programs Manager.

Besides improved pregnancy rates, inserting CIDRs into heifers at the GENESIS MOET facility allowed for group embryo transferring and calving synchrony making labor efficiency possible.

How Does It Work?

CIDRs induce estrus regardless of the stage of cycle when inserted. After inserted, they release progesterone continuously. When removed, the drop in progesterone triggers estrus and ovulation. Pfizer Animal Health recommends the FAST BACK_{SM} Breeding Program to resynchronize lactating dairy cows that were inseminated, but did not conceive. In this method, the CIDR is administered 14 days after the first artificial insemination and removed seven days later. Cows should be monitored for heat for the next four days and bred on detected heat. For heifers, administer CIDRs on day zero, inject prostaglandin on day six and remove the CIDR on day seven. Then, heat detect on days eight

Insert CIDR	M	T	W	Th	F	S	Inject PGF ₂ ^{oc}
Remove CIDR	M	T	W	Th	F	S	S
		Heat Detect			→		

to 11 and breed on detected heat.

Useful Tips and Tricks

- Wear protective gloves when handling EAZI-BREED CIDRs.
- Make sure the tail of the CIDR Insert is on the underside of the applicator, curling downward, to ensure the tail will be hidden from curious pen mates. You may also want to clip the tail of the insert so only 2.5 inches protrude from the vulva.
- "If you pull the CIDR out on day seven, you should be okay. If you pull the CIDR out earlier, the follicle may be premature. If you pull it out later, it could be cystic," says Jennifer.