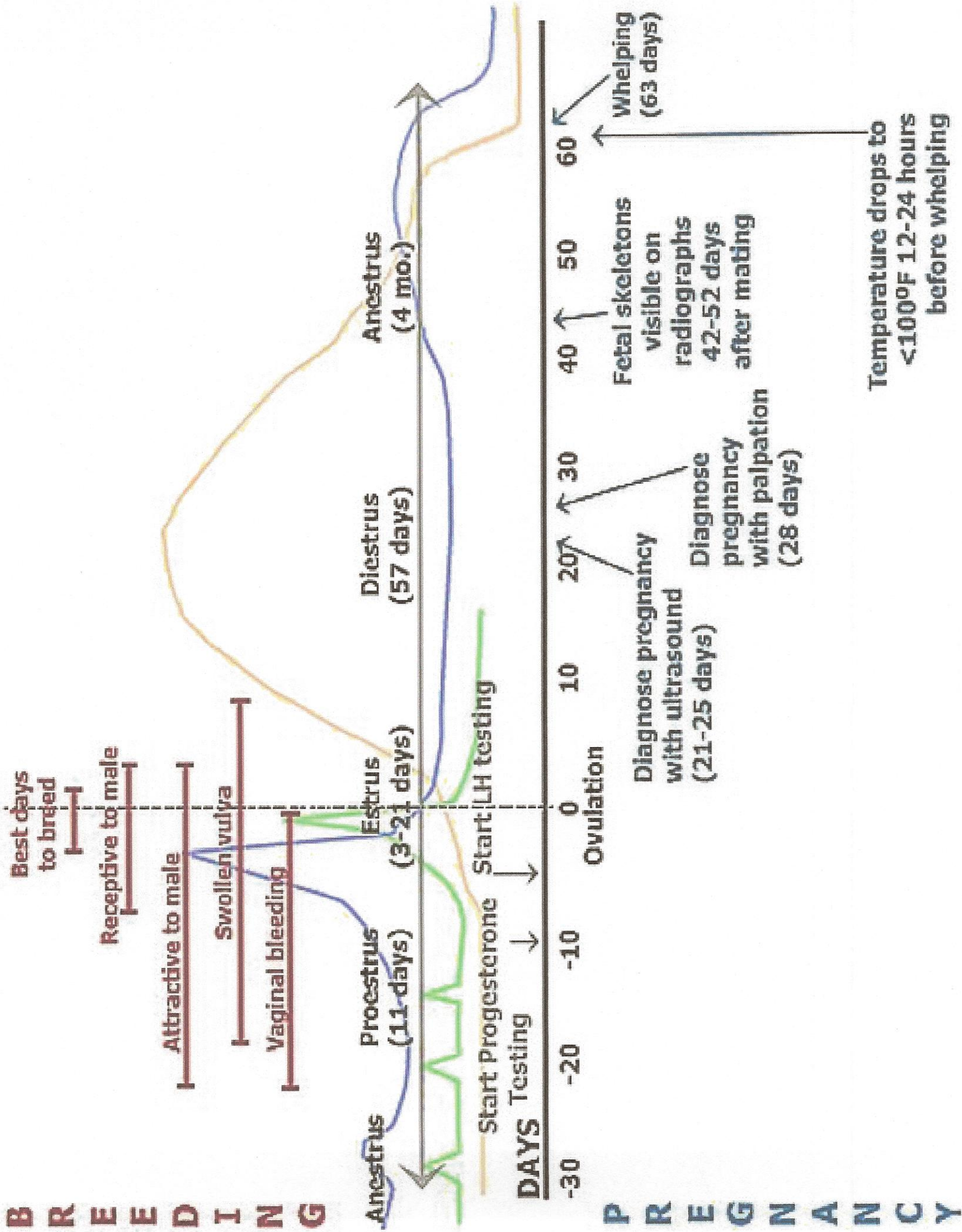


BREEDING



PREGNANCY

Day	Estrogen Level	Progesterone Level	Luteinizing Hormone (LH) Level	When To Breed Based On Semen Type	Whelping Indicators
-3 day	High	< 1 ng/ml	Low	-	-
-2 day	Moderate	2-3 ng/ml	Surge	-	-
-1 day	Low	3-4 ng/ml	Low	-	-
0 (ovulation)	Low	5 ng/ml	Low	-	-
+1 day	-	> 5 ng/ml	-	Natural semen	-
+2 day	-	> 5 ng/ml	-	Fresh chilled semen	-
+3 day	-	> 5 ng/ml	-	Frozen semen	-
+2-3 weeks	-	10-80 ng/ml	-	-	-
+62 day +/- 1	-	2 ng/ml	-	-	Temperature drops
+63 +/- 1	-	1 ng/ml	-	-	Whelping

< = Less than
> = Greater than