



Double Ovsynch Schedule for first TAI

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					GnRH	
					PGF	
	GnRH					
	GnRH					
	PGF		GnRH	TAI		

Effect of synchronization protocol on pregnancies per AI, DIM, lactation number, BCS and locomotion score in lactating dairy cows

Souza et al., In press

	Double Ovsynch	Presynch Ovsynch	P-value
P/AI (%)	50 (78/157)	42 (75/180)	0.03
DIM (range)	77.0 ± 0.16 (74 – 81)	77.2 ± 0.15 (74 – 81)	0.57
Lactation Number (range)	2.2 ± 0.12 (1 – 11)	2.4 ± 0.13 (1 – 10)	0.64
BCS (range)	2.91 ± 0.03 (2.25 – 4.00)	2.89 ± 0.02 (2.25 – 4.25)	0.54
Locomotion Score (range)	1.45 ± 0.08 (1 – 5)	1.48 ± 0.07 (1 – 4)	0.34

Effect of treatment on fertility 39 to 45 d after TAI

Souza et al., In press

Effect	P-value
Treatment	0.03
Parity	0.02

