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Reproduction, Fertility and Development

Supplementary Material

Effect of melatonin treatment of pregnant Sarda ewes on lactation and lamb development

S. Luridiana^A, M. Ouadday^B, M. C. Mura^A, B. Ben Smida^A, G. Cosso^A, and V. Carcangiu^{A,}*

^A Department of Veterinary Medicine of Sassari, University of Sassari, Via Vienna 2, Sassari 07100, Italy.

^B National School of Veterinary Medicine, Sidi Thabet, University of Manouba, La Manouba 2010, Tunisia.

*Correspondence to: V. Carcangiu Department of Veterinary Medicine of Sassari, University of Sassari, Via Vienna 2, Sassari 07100, Italy Email: vcarcangiu@uniss.it

Supplementary table S1: number of ewes enrolled, of mated ewes, and pregnant ewes at scanning for each treatment group, percentage of lambing ewes, litter size and distance in days of ram introduction to lambing (DRIL) for each treatment group.

Groups	Total ewes	Mated Ewes	Pregnant rate	Lambing rate	Litter size	DRIL
C	100	72	70%	68%	1.11±0.05	180.1±6,5
M	100	86	82%	82%	1.12±0.06	169.9±7,4

C=control group, M=melatonin treated group, DRIL= distance in days of ram introduction to lambing.

Supplementary table S2: number of ewes lambing each 10 days and total ewes lambing in each treatment group

Groups	days from ram introduction to lambing				Total ewes lambing
	160	170	180	190	
C	0	6	16	46	68
M	4	42	28	8	82

C=control group, M=melatonin treated group.