

SELECTION FOR FERTILITY OF MERINO SHEEP

Selección de las ovejas de la raza Merina para la fertilidad.

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SUMMARY

The study was simed at the effect of the long-term selection programme and at the application of the principles of the optimal nutrition and other livestock husbandry and veterinary measures on the fertility of sheep. Free housing of ewes and rams numbered 10-50 was practised. The number of ewes per one ram was 10-25 / tab. I/:

Tab.I.Comparison of average fertility of final population of sheep in % / I - V lambing / .

I n d e x	Czech merino	Askan merino	Stavropol merino	Improved Sumava breed	Improved Valachian breed
One lambing within one year /always in 432ewes/:					
Fertility	151,39	147.73	145.14	198.89	150.01
Mortality of lambs up to 120 days /including abortions/	1.48	1.49	1.61	1.02	1.49
Number of lambs reared per one mated ewe	1.49	1.45	1.42	1.96	1.48
TWO lambins in 12- 15 months/always in 216 ewes/ :					
Fertility	219.52	209.45	207.32	380.00	215.27
Mortality up to 120 days/including abor- tions/	6.76	8.62	8.41	2.67	7.67
Number of lambs reared per one mated ewe	2.13	2.01	1.99	3.77	2.08

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