

Appendix B

Recommended Fence Specifications for Big Game Movement¹

<u>KIND OF² LIVESTOCK</u>	<u>BIG GAME SPECIES</u>	<u>NUMBER OF WIRES</u>	<u>MAXIMUM HEIGHT(in.)</u>	<u>WIRE SPACING (from ground up)</u>	<u>WIRE TYPE³</u>
Cattle Only	Deer Elk Pronghorn	3	38	16,10,12	Bottom = smooth
Cattle and	Deer Elk Pronghorn	4	40	16,6,6,12	Bottom = smooth
Sheep Only	Deer Elk Pronghorn	4	32	12,6,6,8	Bottom = smooth
Cattle Only	Bighorn Sheep	3	39	20,15,4	Barbed

¹ These recommendations are designed for facilitating movement of both young and adult big game animals during all seasons including winter and spring when snow drifting can be expected. Specifications required by states for right-of-way fences along major transportation corridors may vary from the above recommendations.

² No standards are available for rights-of-way and interior pasture fences for bison, but provisions for big game movement should be considered when building bison fences.

³ Woven (net) wire fences are not recommended.

REFERENCES CONSULTED

Bear, G.D. 1969. Antelope and net-wire fences. Colorado Division of Game, Fish and Parks, Game Information Leaflet No. 71. 3pp.

Kie, J.G., V.C. Bleich, A.L. Medina, J.D. Yoakum, and J.W. Thomas. 1994. Managing rangelands for wildlife. Pages 663-688 in T.A. Bookout, ed. Research and management techniques for wildlife and habitats. Fifth ed. The Wildlife Society, Bethesda, Md.

Lee, R.M., J.D. Yoakum, B.W. O'Gara, T.M. Pojar, and R.A. Ockenfels, eds. 1998. Pronghorn management guides. Pronghorn Antelope Workshop, Arizona Game and Fish Dept. and Arizona Antelope Foundation, Inc.

Spillett, J.J., J.B. Low and D. Sill. 1967. Livestock fences - how they influence pronghorn antelope movements. Utah State Univ. Bull. No. 470. 79pp.

USDI, Bureau of Land Management. 1989. BLM fence standards for livestock and wildlife. BLM Manual 1-1572.