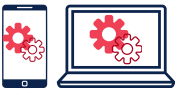








# Virtual Fence Vendors for Cattle

## Basic Comparison (October 2025)

 VF software	 Type of base station	 Collar battery	 Herd size	 Pasture size	 Up front cost	 Yearly cost
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 eShepherd from <b>GALLAGHER</b>	Gallagher from computer or app	Multiple base stations OR Cellular network	Solar charged 7-10 years <sup>1</sup>	>4 animals No max	Min ~45ft X 45ft No max	\$250-350/animal <sup>2</sup> \$5,000-6,000/base station (if necessary)	<i>Base station:</i> \$18/neckband <i>Cellular:</i> \$24/neckband
<b>Halter</b>	Mobile app and desktop (view mode only for desktop)	Multiple base stations	Solar charged 5 years <sup>1</sup>	>50 animals No max	Min ~32 ft <sup>2</sup> /animal No max	\$4,500/base station	\$66/collar
 <b>Nofence</b> Also available for small ruminants	Nofence-app from computer or mobile	Cellular network	Solar charged 5-10 years <sup>1</sup>	>5 animals No max	Min 1/2 ac Up to ~10,000 ac	\$330-345/collar <sup>2</sup> (includes year 1 subscription)	\$32-45/collar <sup>2</sup>
<b>VENCE</b> Merck Animal Health	HerdManager from computer	Multiple base stations	Replaceable one-time use 6-9 months <sup>1</sup>	No max	Min <200 ac No max	<i>Vence installation:</i> \$12,500/station <i>Self installation:</i> \$10,000/station	\$40/collar + \$10/replacement battery/collar <sup>3</sup>

<sup>1</sup>According to vendor    <sup>2</sup>Variable pricing based on herd size    <sup>3</sup> Requires ≥2 batteries/year/animal for year-round use

Virtual fence components from different vendors are generally not interoperable or interchangeable. Specific components, GIS data needs, software protocol, software training, frequency and duration of the cues, GPS error, livestock collaring, and livestock training protocols may vary depending on the vendor. Follow the vendor's recommendations and guidelines. Contact vendors for more information on pricing and availability. The University of Arizona does not endorse a specific product.

**Questions? Contact Flavie Audoin (faudoin@arizona.edu)**

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