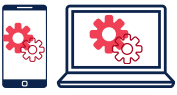


Virtual Fence Vendors for Cattle

Basic Comparison (October 2025)

 VF software	 Type of base station	 Collar battery	 Herd size	 Pasture size	 Up front cost	 Yearly cost
---	--	--	---	--	---	---

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

¹According to vendor ²Variable pricing based on herd size ³Requires ≥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)

This work is supported by USDA NIFA WSARE (project no. WDP22-016), AFRI IDEAS (award no. 2023-68014-39715), Arizona Experiment Station, the Marley Endowment for Sustainable Rangeland Stewardship, and The Nature Conservancy.

