












Virtual Fence Vendors for Cattle

Basic Comparison (February 2026)

	 VF software	 Connectivity	 Collar battery	 Herd size	 Pasture size	 Up front cost	 Yearly cost
 eShepherd from GALLAGHER	Gallagher from computer or mobile app	Multiple base stations OR Cellular	Solar charged 7-10 years*	20+	~45ft X 45ft No max	\$250-300/collar** \$5,000-6,000/ base station (if necessary)	Base station: \$18/neckband Cellular: \$24/neckband
 Halter.	Mobile app (view mode only for computer)	Multiple base stations	Solar charged 5 years*	50+	~32sq ft/ animal No max	\$4,500/ base station	\$72-96/collar**
 Nofence <i>Also available for small ruminants</i>	Nofence-app from computer or mobile app	Cellular	Solar charged 5-10 years*	5+	0.25 ac - ~10,000 ac	\$330-345/collar** (includes year 1 subscription)	\$32-45/collar**
 VENCE Merck Animal Health	HerdManager from computer or mobile app (view mode only for mobile app)	Multiple base stations	Replaceable one-time use 6-9 months*	100+	>200 ac No max	\$10,000-12,500/ base station	\$40/collar + \$10/battery/ collar***

*According to vendor **Variable pricing based on herd size ***Year-round use requires ≥ 2 batteries/collar/year

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)

Access more virtual fence information at RangelandsGateway.org/vf

Supported from USDA NIFA WSARE (WPDP22-016) and AFRI IDEAS (2023-68014-39715).

