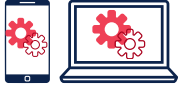












Virtual Fence Vendors

Basic Comparison (September 2024)

Vendors	 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	No max >50 animals	No max (min 45ft X45ft)	\$250/collar \$5,000/base station (if necessary)	<i>Base station:</i> \$18/collar <i>Cellular:</i> \$24/collar
 Halter	Mobile app	Multiple base stations	Solar charged	No max >100 animals	No max	\$3,000/base station	\$60/collar
 Nofence	Nofence-app from computer or app	Cellular network	Solar charged + Plug-in	5-150 animals	Up to ~10,000 ac (min 1/2 ac)	\$359/cow \$259/sheep-goat	<50 animals: \$56→\$52/collar* ≥50 animals: \$42→\$36/collar*
 VENCE Merck Animal Health	HerdManager from computer	Multiple base stations	Replaceable one-time use	No max	No max (min <200 ac)	<i>Pro installation:</i> \$12,500/station <i>Self installation:</i> \$10,000/station	\$40/collar + \$10/replacement battery/collar**

*Variable pricing between year 1 and subsequent years

**Likely need ≥2 batteries/year/animal

Virtual fence components from different manufacturers 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 manufacturer. Follow the manufacturer's recommendations and guidelines. Contact the manufacturer for more information on pricing and availability. The University of Arizona does not endorse a specific product.

