Virtual Fence Vendors
Basic Comparison (January 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 5-7 years[1]	No max >4 animals	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]	No max >50 animals	Min ~32 ft²/animal No max	$4,500/base station	$66/collar
Nofence	Nofence-app from computer or mobile	Cellular network	Solar charged 5-10 years[1]	5-200 animals	Min 1/2 ac Up to ~10,000 ac	$289/cow $199/sheep-goat	*<50 animals:* $56→$52/collar[2] *≥50 animals:* $42→$36/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]

[1] According to vendor [2] Variable pricing between years and herd size [3] Requires ≥2 batteries/year/animal for year-round use

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.

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