



NON-LETHAL DETERRENT TOOLS

Grant funding is now available to compensate livestock producers for the use of non-lethal deterrent tools to deter wolf presence near livestock. Some, but not all, deterrent techniques can be found [here](#). Producers and/or agent(s) are also encouraged to contact their County Agricultural Commissioner to discuss additional methods. The CDFW supports the use of various non-lethal techniques to deter wolf presence near livestock. Provide all required information below.

Deterrence Method	Description of Activity	Technical Assistance Requested (Y/N)
<input checked="" type="checkbox"/> Attractant Removal - E.g., dead animal hauler - E.g., rendering plant	Carcass removal and composting	N
<input type="checkbox"/> Barriers - E.g., fladry, turbo fladry - E.g., electric fencing		
<input type="checkbox"/> Fright Tactics and Devices - E.g., alarm system, foxlights - E.g., radio-activated guard box		
<input type="checkbox"/> Human Presence and Stockmanship - E.g., range riders - E.g., H-2A guest worker, herder		
<input type="checkbox"/> Husbandry and Herd Management - E.g., night penning - E.g., shed lambing (or calving) - E.g., night feeding - E.g., pasture or grazing rotation - E.g., changes in calving season - E.g., changes in herd structure		
<input type="checkbox"/> Livestock Guardian Animal		
<input type="checkbox"/> Other Deterrent Techniques - E.g., belling livestock, 'i-cows'		

FUNDING REQUEST

Provide an estimated price for each deterrent tool to be considered for compensation. Attach documentation such as invoice, receipt, sale contract, or other value determination method.

	Deterrence Method	Valuation Method (e.g., Receipt, Invoice)	Price/Qty.	Qty.	Total Price
<i>Example</i>	<i>Solar Foxlights</i>	<i>Receipt</i>	<i>\$129</i>	<i>10</i>	<i>\$1,290</i>
1					
2					
3					
Total					

Add or delete rows as necessary



FUNDING CALCULATION WORKSHEET [SAMPLE]

Deterrence Equipment	# of Units	Cost per Unit	Total Cost
7 x 12 x 3 Dump Trailer	1	\$15,000.00	\$15,000.00
2500 Gallon Water Tank with 300 Ft pipeline	1	\$6,000.00	\$6,000.00
500 Gallon Run off catch tank	1	\$1,500.00	\$1,500.00
1,200 LB winch for trailer	1	\$100.00	\$1,000.00
			\$23,500.00

In Kind Activity	# of Hours	Rate (\$/Hour or Day)	In Kind Total
<i>E.g., camera checks, range riding</i>			

Item	Description	Standard Rate ¹	
		Dollars	Per Unit

1. U.S. National Agricultural Statistics Service, [California State Grazing Fees Animal Unit, January 2022](#).
2. State of California, Department of Transportation, [Labor Surcharge and Equipment Rental Rates, April 2021](#).
3. U.S. Federal Emergency Management Agency, [Schedule of Equipment Rates, September 2021](#).
4. U.S. General Services Administration, [Short Term Equipment Rental Rates, April 2022](#).
5. U.S. Bureau of Labor Statistics, [State Occupational Employment and Wage Estimates, California, May 2021](#).

Use standard rates to calculate in-kind contributions, unless able to demonstrate a valid “fair value” alternative rate (e.g., bids, local standard rate, quote).