



# **Farmland Stewardship Program Deer Fencing Grants**

PRESERVED  
FARMLAND  
PRIVATE LAND, PUBLIC LEGACY

## **Farmland Stewardship Program (NJAC 2:76-20.1 et seq.)**

- **Regulations adopted in 2002; one and only funding round (\$173,436) offered in 2003 using USDA grant.**
- **Provides preserved farm landowners with 50% cost share grants for *“projects necessary to improve the profitability, efficiency, and farm income of farm operations...”***
- **Grant amounts based on common deed ownership and shall not exceed \$200 per acre or \$20,000 per application.**
- **Fencing is an eligible Farmland Stewardship project.**

## **Preserve New Jersey Act, P.L. 2016, c.12**

*For the purposes of the farmland preservation program, “**stewardship activity**” means an activity, which is beyond routine operation and maintenance, undertaken by the landowner, or a farmer operator as an agent of the landowner, to repair, restore, or improve lands preserved for farmland preservation purposes, including but not limited to soil and water conservation projects approved pursuant to section 17 of P.L.1983, c.32 (C.4:1C-24).*

*Of the moneys deposited into the Preserve New Jersey Farmland Preservation Fund each year, up to **3 percent** shall be allocated by the committee on an annual basis for stewardship activities.*

# Summary of FY 2017 SADC Appropriation Plan

## Appropriation Summary

SADC Administration Fund	\$	6,200,000
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<b>Stewardship Activities</b>	<b>\$</b>	<b>1,496,340</b>
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FY 2017 County PIG Base Grants	\$	12,500,000
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FY 2017 County PIG Competitive Grants	\$	20,000,000
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FY 2017 Municipal PIG Grant	\$	7,500,000
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FY 2017 State Acquisition	\$	14,304,403
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FY 2017 Non-Profit Appropriation	\$	2,900,000
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FY 2017 GSPT Administrative Expense Fund	\$	85,000
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Easement Enforcement Fund	\$	150,000
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Review Appraiser Fund	<u>\$</u>	<u>150,000</u>
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<b>Total Appropriation</b>	<b>\$</b>	<b>65,285,743</b>
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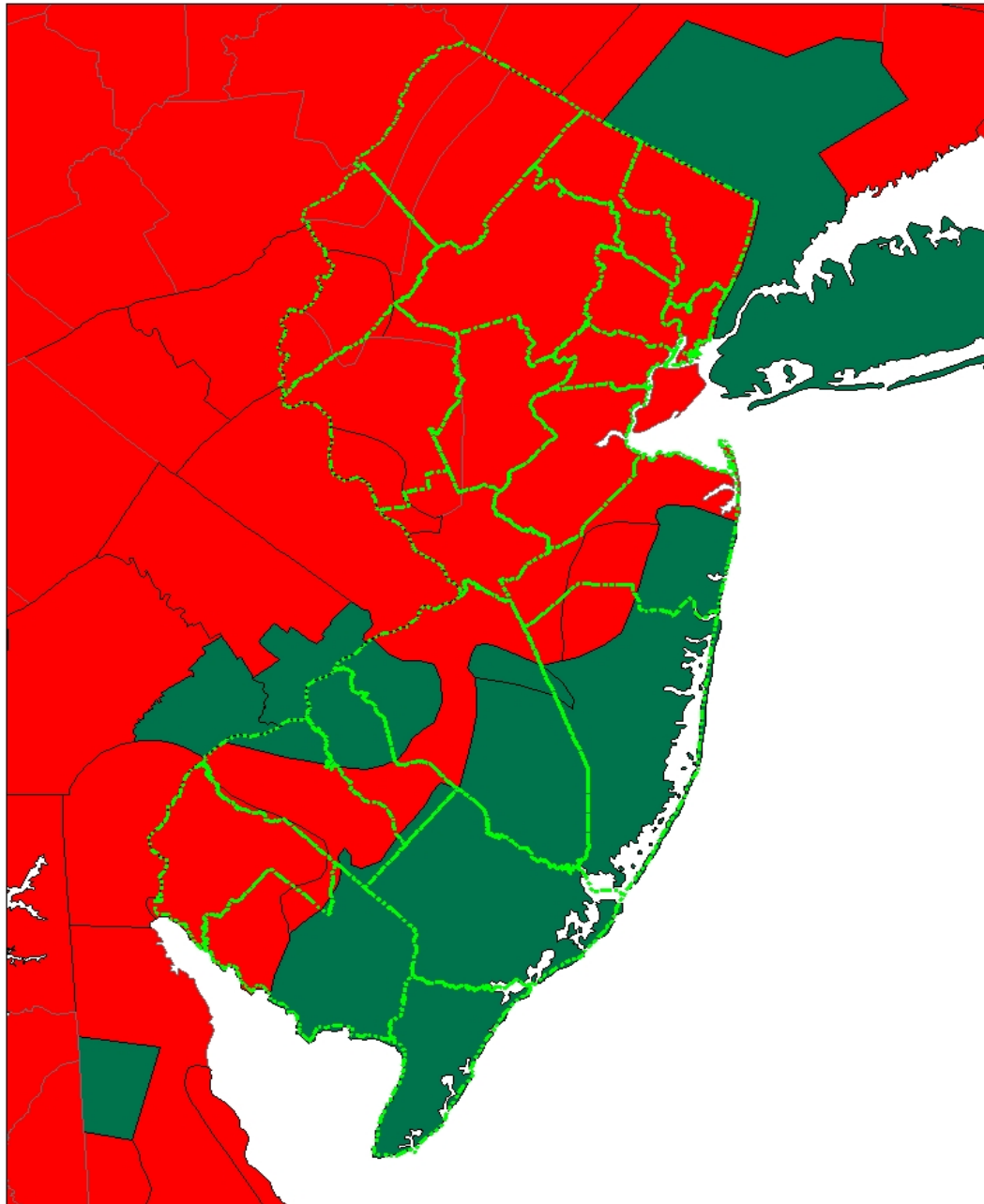
# Crop Loss by Wildlife Species<sup>1</sup>

Wildlife Species	Crop Loss in Northern NJ (2000)	Crop Loss in Southern NJ (2000)	Statewide Crop Loss (2000)	Percent of Total Statewide Loss
White-tailed Deer	\$792,907	\$600,352	\$1,393,260	78.83%
Groundhog	\$202,760	\$53,576	\$256,336	14.50%
Canada Goose	\$6,280	\$29,583	\$35,863	2.03%
Raccoon	\$0	\$34,437	\$34,437	1.95%
Birds (Various)	\$18,975	\$2,823	\$21,798	1.23%
Rabbit	\$10,560	\$78	\$10,638	0.60%
Meadow Vole	\$0	\$6,161	\$6,161	0.35%
American Crow	\$4,400	\$733	\$5,133	0.29%
Black Bear	\$3,688	\$0	\$3,688	0.21%
House Mouse	\$92	\$0	\$92	0.01%
<b>Totals</b>	<b>\$1,039,663</b>	<b>\$727,742</b>	<b>\$1,767,405</b>	

**\*Of 1,410 acres surveyed, average of \$1,253 per acre in crop loss reported**

**<sup>1</sup> David Drake and John Grande, "Assessment of Wildlife Depredation to Agricultural Crops in New Jersey," *Journal of Extension* 40, no. 1 (2002).**

# Deer Density and Carrying Capacity<sup>2\*</sup>



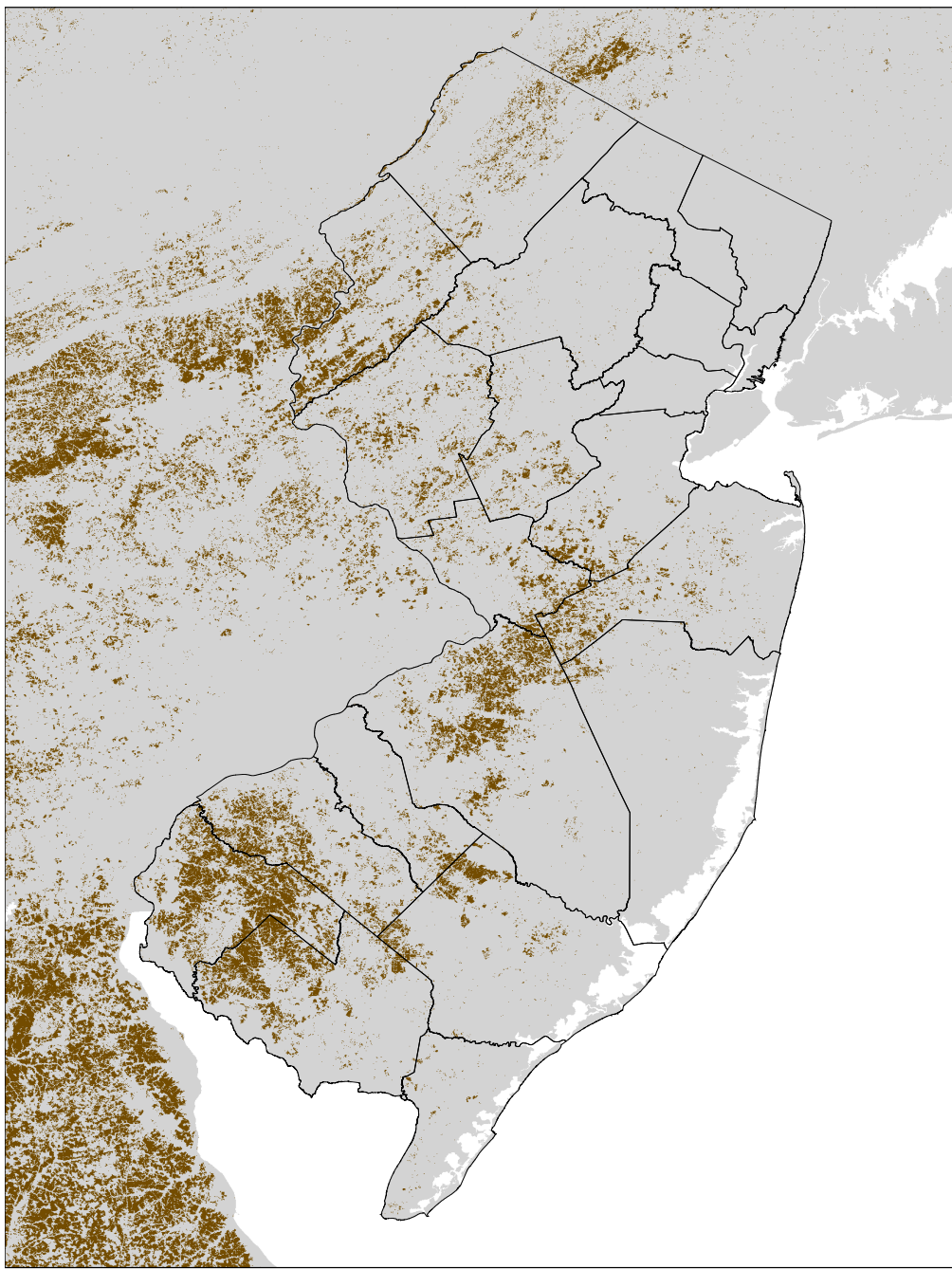
 Greater than 15 per sq. mi.

 Less than 15 per sq. mi.

*\*approximately 15 deer  
per sq. mile is carrying  
capacity*

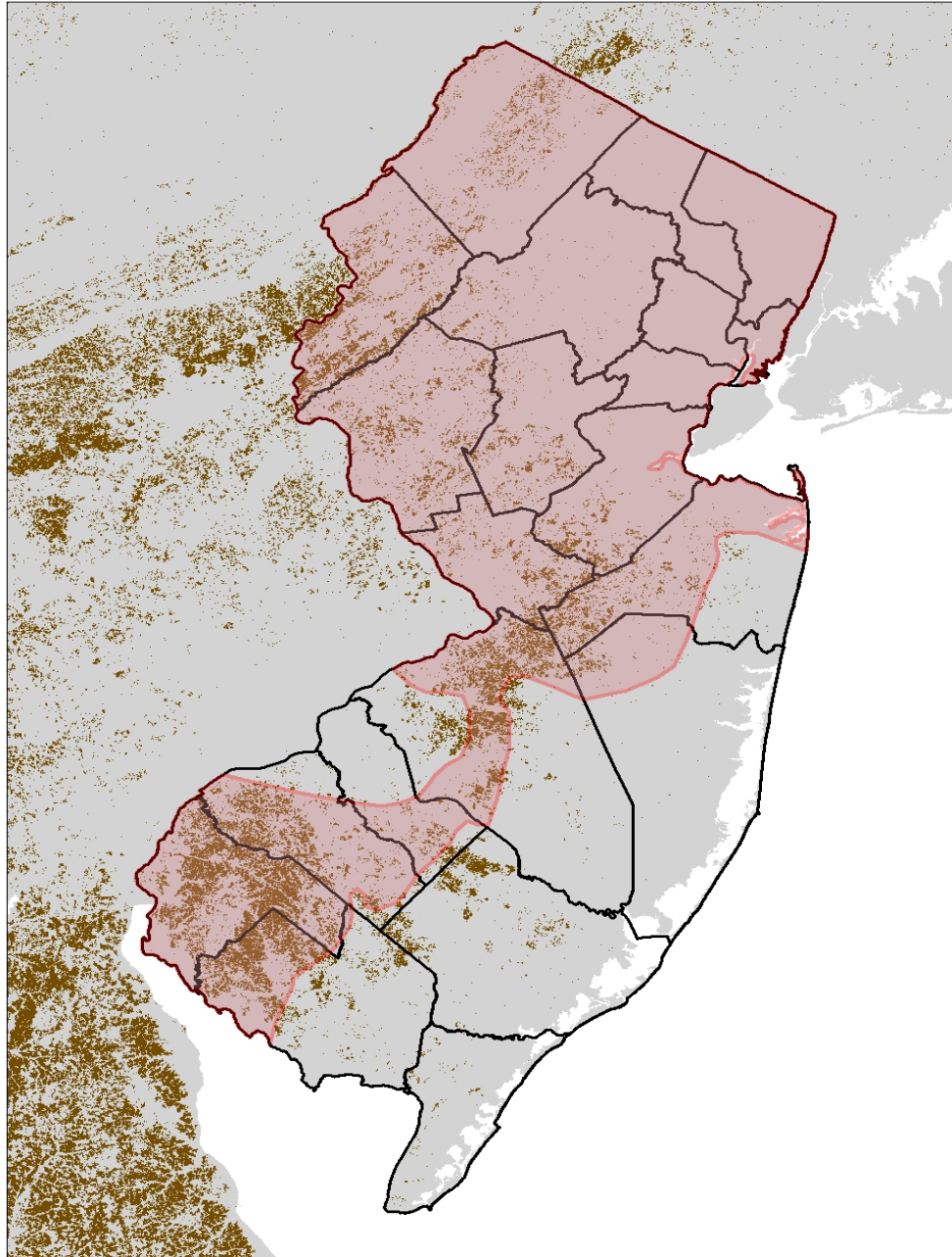
<sup>2</sup> Brian F. Walters, Christopher W. Woodall, and Matthew B. Russell, *White-tailed deer density estimates across the Eastern United States*, University of Minnesota, 2008.

# Land Use Typology<sup>3</sup>



<sup>3</sup> **USDA National Agricultural Statistics Service, *CropScape - Cropland Data Layer* (2015).**

# High Deer Density and Cropland



# Deer Fencing Program Ranking Criteria

CRITERIA

QUALIFIER

POINTS

FEASIBILITY PLAN SCORE

Land Type to be Fenced	High Value (Cropland; Woodland*)	35	
	Low Value (Pasture)	0	
Deer Density Per Sq. Mi.	High Density (Greater than 15 Deer Per Sq. Mi.)	35	
	Low Density (Less than 15 Deer Per Sq. Mi.)	5	

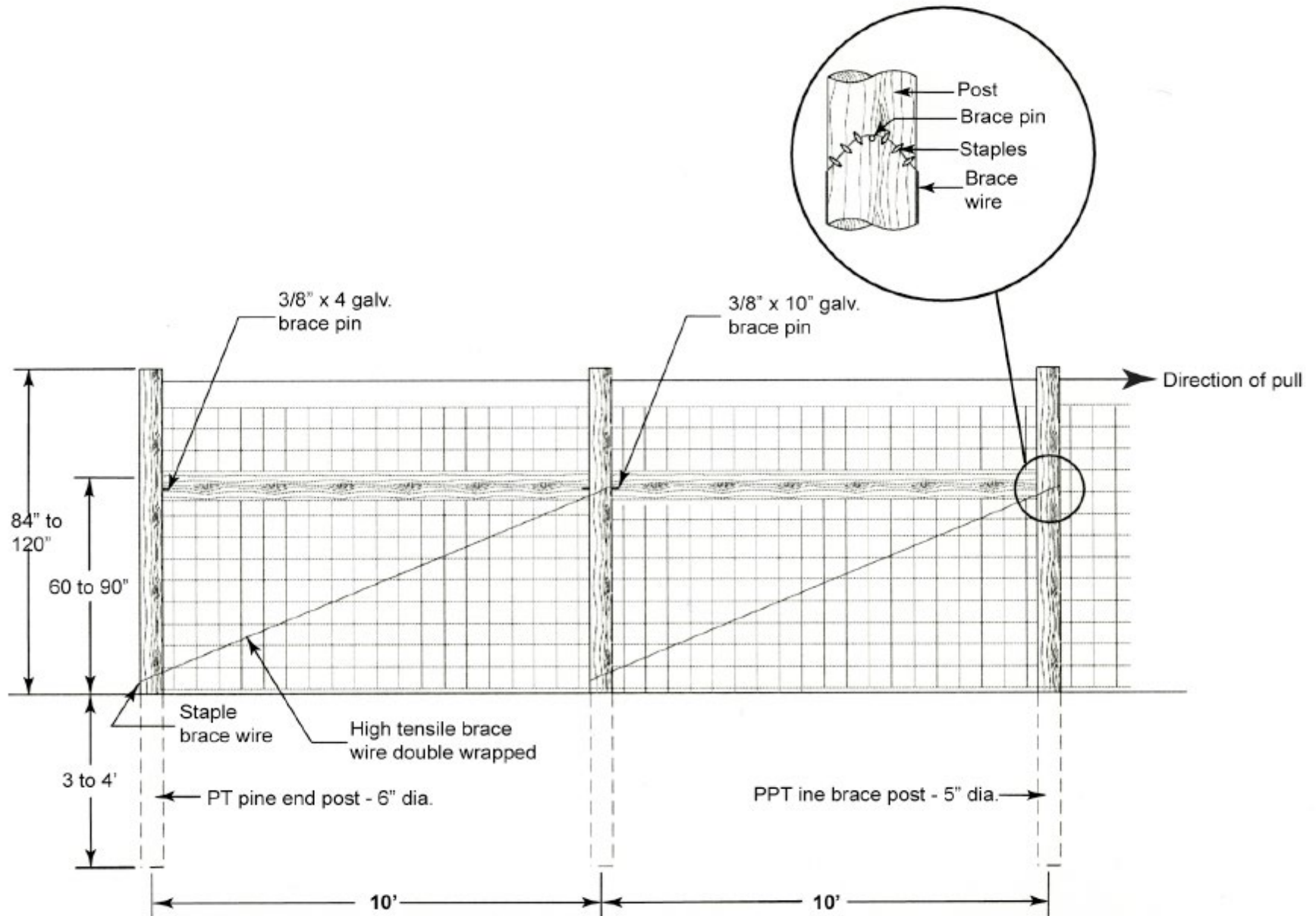
Subtotal	70	0
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Premises Located in No Firearm Discharge Zone	Yes	10	
	No	0	
Premises Open to Hunting	Yes	10	
	No	0	
DEP Depredation Permit for Premises	Yes	10	
	No	0	

Subtotal	30	0
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Total	100	0
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# Woven Wire Deer Fence Specifications



# Woven Wire/Smooth Wire Deer Fence

