

Wildlife Damage Abatement and Claims Program 2007

By Brad Koele and Laurie Fike

Introduction

Each year the Wisconsin Department of Natural Resources (WDNR), through the Wildlife Damage Abatement and Claims Program (WDACP), provides damage prevention assistance and partial compensation to farmers when wild deer, elk, bear, geese and turkeys damage their agricultural crops. The program covers damage to the following: commercial seedings and crops grown on agricultural land, crops that have been harvested for sale or further use but have not been removed from the agricultural land, orchard trees, nursery stock, apiaries, and livestock.

Wisconsin has had a wildlife damage program since 1931. The current WDACP was created in 1983 by the legislature, in response to concerns from the agricultural community and with input from farmers, hunters, landowners, and wildlife damage specialists. In 2007, 70 of the 72 counties in Wisconsin participated in the WDACP. Kenosha, and Menominee counties did not participate in the program.

Methods

Abatement assistance and claims appraisal investigations for the WDACP are conducted in accordance with State Statute 29.889 and Wisconsin Administrative Code NR 12, using methods documented in the WDACP Technical Manual (a copy of this manual can be obtained by writing to: Wildlife Damage Specialist, Bureau of Wildlife Management, WM/6, Wisconsin Department of Natural Resources, PO Box 7921, Madison, WI 53707-7921). County government is responsible for local implementation of the program. During 2007, 48 counties subcontracted 'on farm' services to Wildlife Services, a branch of the U.S. Department of Agriculture—Animal and Plant Health Inspection Service (USDA-APHIS-WS).

Results

WDNR paid 500 wildlife damage claims for damage that occurred during 2007, reflecting \$1,913,651 in appraised losses, with \$1,540,359 eligible for payment (Table 1). The number of claims filed and appraised losses increased from 2006 (1.8% and 7.6% increase, respectively). In general, the number of claims filed and appraised losses increased in years 1998 – 2004. Due to slightly lower crop prices and speculation that hunters and landowners were unhappy with the DNR about Earn-a-Buck regulations during the 2004 deer hunting season, the number of claims and appraised losses dropped in 2005. Since 2005, claims and appraised losses have steadily increased (Figure 1) along with crop prices, which are now reaching record highs for corn and soybeans. The increase in claims in 2007 compared to 2006 can be contributed to higher commodity prices. On average, the price paid per bushel of corn increased from \$2.53 in 2006 to \$3.44 in 2007. Similarly, the price paid per bushel of soybeans increased from \$5.45 in 2006 to \$8.19 in 2007.

Wildlife damage claims were filed in 64 of the 70 counties enrolled in the program in 2007 (Table 1). On average, 7.8 claims were filed (range 0 - 49) and \$29,900 in damage was appraised (range \$0 - \$230,158) in each county enrolled in the program. Both figures increased from 2006. Marinette, Marathon, Outagamie, Marquette, and Richland counties had the greatest appraised losses from wildlife damage (>\$100,000 each) and Marinette and Bayfield

counties had the most acreage damaged by wildlife (>1000 acres each). Assessed damage in 2007 increased from 2006 levels in 43 counties, and decreased in 23 counties. The largest increases in assessed damage, greater than \$25,000, occurred in Richland (\$42,183 increase), Columbia (\$31,000 increase), Langlade (\$27,834 increase), and Polk (\$26,089 increase) counties. Assessed damage decreased by more than \$60,000 from 2006 to 2007 in Marathon (\$109,223 decrease) and Sawyer (\$66,882 decrease) counties. The largest numbers of claims (25 or more) were filed in Marinette, Outagamie, and Polk counties. The number of claims filed increased substantially (> 5 claims) from 2006 to 2007 in Langlade and Richland counties, and decreased by more than 5 claims in Outagamie, Burnett, Washburn, and Wood.

Deer damage represented 86% of appraised losses statewide, bear damage 6%, goose damage 3%, and turkey damage 5%. Total deer damage recorded statewide increased 14.0% from 2006 to 2007 (compared to a 10% decrease from 2005 to 2006). Statewide bear and turkey damage decreased, by 1%, and 45%, respectively, from 2006 to 2007. Statewide goose damage increased by 1% from 2006-2007.

Appraised losses from deer damage exceeded \$110,000 in Marinette, Marquette, and Outagamie counties (Table 1). Deer damage units with very high losses (more than \$80,000) were 67A, 71, 63A, 66, and 51A (Table 3). In these deer management units, the primary crops damaged were corn and soybeans. Statewide, the primary crop damaged by deer was corn (appraised loss \$938,389), followed by soybeans and forage crops (Table 4, Figure 2).

Appraised damage losses from bear were highest in Sawyer County (\$47,802), with damage occurring primarily to corn. Appraised losses from geese were highest in Brown County (\$16,547) with geese damaging primarily alfalfa (Table 1). Turkey damage occurred in nine counties, and was highest in Marathon (\$63,504) county where turkeys caused substantial damage to ginseng (Table 1).

State abatement costs for the program totaled \$882,877 in 2007. The WDACP built 18, 8ft, high tensile, woven wire fences in 12 counties, which collectively measured 12.7 miles in length and cost the program \$174,090 (Table 5). An additional \$67,395 was spent for temporary fences, \$14,218 for repellents, \$31,397 for bear trapping, and \$44,119 for scare devices. The most commonly used abatement measure was deer damage shooting permits. In 2007, we issued 717 deer damage shooting permits across the state under which 5,635 deer were removed (see Agricultural Deer Damage Shooting Permits, 2007). USDA-APHIS-WS provided assistance to the Department in trapping and relocating 382 bears damaging crops, apiaries or threatening livestock, down from 479 bears trapped and relocated in 2006. State administration costs for WDACP participant counties totaled \$ 953,807 in 2007. In addition to state expenditures on WDACP administration and abatement, an additional \$204,818 in administration costs and \$55,268 in abatement costs were contributed by the federal government, USDA-APHIS-WS.

State statute 29.89 authorizes the use of WDACP funds to fund processing of venison for donation to food pantries. The county must be enrolled in the WDACP to be eligible to receive funds for venison processing. In 2007, 126 processors in 52 of 70 counties enrolled in the WDACP chose to participate in Wisconsin Deer Donation 2007. In those counties, hunters donated 9,200 deer, and processors processed nearly 415,000 pounds of venison (Table 6). Counties in which hunters donated the most deer were Buffalo (797), Trempealeau (693), Waupaca (430) and Fond du Lac (384). Food pantries distributed this venison to needy people around the state. The cost of the program in 2007 was approximately \$466,789. 97% (\$450,600) of program costs were for venison processing fees, and the remaining 3% (\$16,189) were advertising and administration costs.

Figure 1. Trends in the number of wildlife damage claims filed and appraised losses in the WDACP, 1997-2007. Data source: WDACP database.

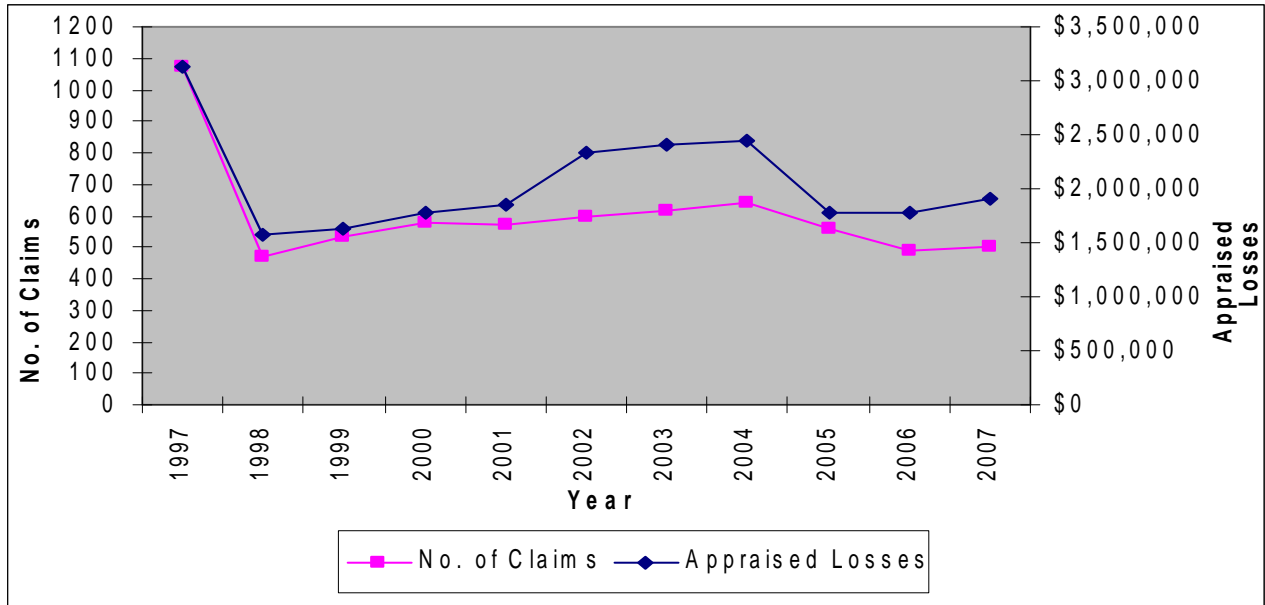


Table 1. WDACP 2007 wildlife damage claims characteristics by county.

County	No. of Claims Filed	Assessed Damage	Assessed Damage Eligible for Payment	Average Appraised Loss/Claim	Acres Appraised	Acres Damaged	Total Deer Damage	Total Goose Damage	Total Bear Damage	Total Turkey Damage
Adams	20	\$43,207.70	\$31,807.49	\$2,160.39	2,804.35	391.8	\$41,740.63	\$0.00	\$1,467.07	\$0.00
Ashland	1	\$1,242.43	\$992.43	\$1,242.43	32	4.27	\$0.00	\$0.00	\$1,242.43	\$0.00
Barron	9	\$14,331.02	\$11,255.84	\$1,592.34	2,595.60	99.6	\$7,015.84	\$0.00	\$7,315.21	\$0.00
Bayfield	8	\$17,904.38	\$15,767.63	\$2,238.05	3,019.35	1,394.79	\$13,443.95	\$0.00	\$4,460.43	\$0.00
Brown	9	\$42,575.52	\$36,951.18	\$4,730.61	1,193.60	383.9	\$26,011.12	\$16,546.84	\$0.00	\$114.56
Buffalo	1	\$972.00	\$0.00	\$972.00	15	15	\$972.00	\$0.00	\$0.00	\$0.00
Burnett	13	\$34,156.40	\$30,646.49	\$2,627.42	2,185.42	300.3	\$30,501.51	\$632.61	\$3,022.29	\$0.00
Calumet	3	\$8,522.77	\$7,664.24	\$2,840.92	911.7	98	\$7,736.98	\$432.48	\$353.31	\$0.00
Chippewa	3	\$2,791.96	\$2,041.96	\$930.65	239	629.95	\$2,791.96	\$0.00	\$0.00	\$0.00
Clark	4	\$8,755.03	\$7,734.37	\$2,188.76	465.5	101.65	\$8,755.03	\$0.00	\$0.00	\$0.00
Columbia	14	\$75,972.57	\$65,213.91	\$5,426.61	3,587.20	423.35	\$74,885.96	\$0.00	\$0.00	\$0.00
Crawford	2	\$23,934.34	\$19,445.04	\$11,967.17	180	6	\$23,934.34	\$0.00	\$0.00	\$0.00
Dane	8	\$11,114.10	\$9,231.60	\$1,389.26	521.73	49.72	\$10,990.16	\$123.94	\$0.00	\$0.00
Dodge	14	\$31,977.63	\$28,668.67	\$2,284.12	955.3	119.25	\$24,291.26	\$7,361.68	\$0.00	\$324.68
Door	5	\$13,448.76	\$11,631.89	\$2,689.75	293.2	49.57	\$13,187.12	\$0.00	\$0.00	\$261.64
Douglas	0	\$0.00	\$0.00	\$0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00
Dunn	2	\$1,811.18	\$1,293.10	\$905.59	39.7	3.05	\$434.80	\$0.00	\$1,375.38	\$0.00
Eau Claire	1	\$1,068.09	\$818.09	\$1,068.09	0	0	\$0.00	\$0.00	\$1,002.90	\$0.00
Florence	6	\$3,258.19	\$1,373.03	\$543.03	595.2	83.95	\$2,050.50	\$0.00	\$1,207.79	\$0.00
Fond du Lac	9	\$37,609.26	\$31,362.67	\$4,178.81	3,227.90	180.76	\$37,609.26	\$0.00	\$0.00	\$0.00
Forest	3	\$8,823.17	\$7,688.99	\$2,941.06	96	4.45	\$7,170.90	\$0.00	\$1,652.27	\$0.00
Grant	18	\$98,575.92	\$71,379.16	\$5,476.44	4,082.50	589.13	\$98,575.92	\$0.00	\$0.00	\$0.00
Green	0	\$0.00	\$0.00	\$0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00
Green Lake	11	\$63,928.31	\$56,509.32	\$5,811.66	2,331.77	233.4	\$63,928.32	\$0.00	\$0.00	\$0.00
Iowa	6	\$17,687.13	\$15,898.07	\$2,947.86	928.8	122.33	\$17,687.13	\$0.00	\$0.00	\$0.00
Iron	1	\$3,237.21	\$2,987.21	\$3,237.21	680	192	\$3,237.21	\$0.00	\$0.00	\$0.00
Jackson	9	\$37,600.11	\$33,872.86	\$4,177.79	2,101.15	200.6	\$37,600.11	\$0.00	\$0.00	\$0.00
Jefferson	1	\$670.38	\$420.38	\$670.38	24	2.5	\$0.00	\$670.38	\$0.00	\$0.00
Juneau	4	\$4,637.55	\$2,388.98	\$1,159.39	268	24.1	\$4,637.55	\$0.00	\$0.00	\$0.00
Kenosha					Not Enrolled in the WDACP					
Kewaunee	5	\$10,637.60	\$9,035.13	\$2,127.52	259.53	61.53	\$43.20	\$9,683.04	\$0.00	\$911.36
La Crosse	4	\$5,300.87	\$4,530.18	\$1,325.22	128.2	17.4	\$4,508.62	\$0.00	\$0.00	\$7.92
Lafayette	0	\$0.00	\$0.00	\$0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00
Langlade	8	\$28,561.52	\$17,303.02	\$3,570.19	380.2	35.8	\$706.76	\$0.00	\$3,153.76	\$24,701.00
Lincoln	3	\$2,521.33	\$850.69	\$840.44	716.9	57.5	\$1,478.14	\$0.00	\$1,043.19	\$0.00
Manitowoc	4	\$14,696.31	\$13,432.70	\$3,674.08	363	97	\$13,019.07	\$869.32	\$0.00	\$807.92

Table 1. Continued.

County	No. of Claims Filed	Assessed Damage	Assessed Damage Eligible for Payment	Average Appraised Loss/Claim	Acres Appraised	Acres Damaged	Total Deer Damage	Total Goose Damage	Total Bear Damage	Total Turkey Damage
Marathon	17	\$142,516.81	\$84,486.52	\$8,383.34	3,073.75	351.27	\$75,311.80	\$3,673.01	\$0.00	\$63,504.00
Marinette	49	\$230,158.90	\$190,122.56	\$4,697.12	10,231.10	1,504.30	\$224,802.54	\$0.00	\$5,356.43	\$0.00
Marquette	19	\$112,187.30	\$87,801.28	\$5,904.59	4,800.40	663.05	\$112,187.30	\$0.00	\$0.00	\$0.00
Menominee					Not Enrolled in the WDACP					
Milwaukee	0	\$0.00	\$0.00	\$0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00
Monroe	6	\$22,130.68	\$19,504.93	\$3,688.45	671.3	64.7	\$22,130.68	\$0.00	\$0.00	\$0.00
Oconto	1	\$8,453.70	\$7,562.96	\$8,453.70	270	270	\$0.00	\$0.00	\$0.00	\$8,453.70
Oneida	1	\$13,397.96	\$11,518.37	\$13,397.96	162.7	37.7	\$13,397.96	\$0.00	\$0.00	\$0.00
Outagamie	30	\$113,439.67	\$99,594.83	\$3,781.32	4,564.10	606.43	\$113,439.67	\$0.00	\$0.00	\$0.00
Ozaukee	2	\$4,428.57	\$3,928.57	\$2,214.29	13	2.2	\$3,193.35	\$1,235.22	\$0.00	\$0.00
Pepin	1	\$4,013.42	\$3,770.74	\$4,013.42	0	0	\$0.00	\$0.00	\$4,013.42	\$0.00
Pierce	2	\$859.07	\$588.66	\$429.54	53.1	4.5	\$517.03	\$0.00	\$342.04	\$0.00
Polk	26	\$84,617.82	\$73,569.41	\$3,254.53	2,588.81	455.05	\$72,365.63	\$10,085.42	\$2,163.82	\$0.00
Portage	11	\$15,133.66	\$11,760.76	\$1,375.79	1,122.90	93.25	\$15,233.66	\$0.00	\$400.00	\$0.00
Price	10	\$23,028.88	\$20,528.88	\$2,302.89	551.2	107.75	\$10,522.25	\$277.00	\$12,229.63	\$0.00
Racine	0	\$0.00	\$0.00	\$0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00
Richland	20	\$106,653.24	\$96,629.07	\$5,332.66	3,850.50	531.85	\$105,333.32	\$1,318.92	\$0.00	\$0.00
Rock	2	\$2,576.51	\$2,076.51	\$1,288.26	168.5	6.8	\$0.00	\$2,576.51	\$0.00	\$0.00
Rusk	5	\$13,885.62	\$12,709.45	\$2,777.12	308.5	45.75	\$5,537.37	\$0.00	\$8,348.26	\$0.00
Sauk	3	\$7,372.50	\$6,684.07	\$2,457.50	589.58	68.9	\$7,372.50	\$0.00	\$0.00	\$0.00
Sawyer	14	\$74,651.37	\$65,901.27	\$5,332.24	3,705.80	290.15	\$26,849.42	\$0.00	\$47,801.96	\$0.00
Shawano	3	\$5,044.38	\$4,294.38	\$1,681.46	116.5	19.56	\$5,044.40	\$0.00	\$0.00	\$0.00
Sheboygan	3	\$6,030.07	\$5,280.07	\$2,010.02	176.1	93	\$6,029.57	\$0.00	\$0.00	\$0.00
St Croix	7	\$32,013.52	\$27,342.58	\$4,573.36	1,084.11	68.65	\$31,508.87	\$467.64	\$37.03	\$0.00
Taylor	4	\$4,533.46	\$3,121.26	\$1,133.37	335	32.5	\$3,464.80	\$0.00	\$1,068.66	\$0.00
Trempealeau	4	\$11,245.12	\$10,245.12	\$2,811.28	398.5	42.7	\$11,245.12	\$0.00	\$0.00	\$0.00
Vernon	4	\$19,288.86	\$17,252.43	\$4,822.22	133.3	29.8	\$19,288.86	\$0.00	\$0.00	\$0.00
Vilas	1	\$1,808.65	\$0.00	\$1,808.65	81	1.25	\$1,808.65	\$0.00	\$0.00	\$0.00
Walworth	0	\$0.00	\$0.00	\$0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00
Washburn	4	\$4,620.67	\$3,838.17	\$1,155.17	459.5	56.85	\$2,498.81	\$0.00	\$2,121.85	\$0.00
Washington	8	\$21,765.63	\$19,432.27	\$2,720.70	317.44	49.35	\$17,100.81	\$4,664.82	\$0.00	\$0.00
Waukesha	1	\$1,357.94	\$1,107.94	\$1,357.94	8	8	\$0.00	\$1,357.94	\$0.00	\$0.00
Waupaca	3	\$2,031.80	\$1,281.80	\$677.27	162.4	27	\$772.49	\$0.00	\$1,259.31	\$0.00
Waushara	12	\$64,542.99	\$35,315.43	\$5,378.58	1,614.90	317.3	\$64,542.99	\$0.00	\$0.00	\$0.00
Winnebago	12	\$46,361.90	\$41,735.32	\$3,863.49	1,970.80	349.15	\$44,633.78	\$828.12	\$0.00	\$0.00
Wood	6	\$41,970.01	\$21,177.20	\$6,995.00	951.5	81.83	\$41,952.01	\$0.00	\$0.00	\$0.00
<i>Total</i>	<i>500</i>	<i>\$1,913,651.42</i>	<i>\$1,540,359.13</i>	<i>\$3,827.30</i>	<i>79,756.09</i>	<i>12,253.25</i>	<i>\$1,637,030.98</i>	<i>\$62,804.89</i>	<i>\$112,438.43</i>	<i>\$99,086.78</i>

Table 2. WDACP claims filed and appraised damage losses by county, 2002-2007.

County	2007		2006		2005		2004		2003		2002	
	No. of claims	Assessed damage	No. of claims	Assessed damage	No. of claims	Assessed damage	No. of claims	Assessed damage	No. of claims	Assessed damage	No. of claims	Assessed damage
Adams	20	\$43,208	17	\$64,662	20	\$46,849	22	\$74,065	22	60,446	24	110,243
Ashland	1	\$1,242	2	\$1,997	1	\$2,195	0	\$0	0	\$0	2	2,003
Barron	9	\$14,331	8	\$6,463	6	\$5,866	9	\$15,381	8	9,663	9	16,612
Bayfield	8	\$17,904	5	\$4,086	6	\$23,138	9	\$34,055	7	39,335	11	90,201
Brown	9	\$42,576	8	\$34,701	9	\$52,655	11	\$66,850	12	96,761	13	47,686
Buffalo	1	\$972	0	\$0	1	\$189	3	\$1,425	4	4,702	1	615
Burnett	13	\$34,156	18	\$32,192	18	\$36,708	22	\$66,687	25	67,974	31	102,190
Calumet	3	\$8,523	2	\$7,176	3	\$11,062	3	\$8,903	3	14,379	3	14,424
Chippewa	3	\$2,792	1	\$257	1	\$1,369	3	\$3,301	2	2,245	3	2,947
Clark	4	\$8,755	4	\$10,425	10	\$9,528	9	\$14,321	10	8,056	11	12,226
Columbia	14	\$75,973	12	\$44,220	13	\$35,678	20	\$65,324	22	120,795	22	111,445
Crawford	2	\$23,934	0	\$0	2	\$32,078	1	\$14,619	1	26,335	2	27,536
Dane	8	\$11,114	12	\$20,883	17	\$18,532	16	\$32,047	13	25,587	15	38,330
Dodge	14	\$31,978	12	\$16,528	11	\$16,995	17	\$17,244	17	22,870	17	32,739
Door	5	\$13,449	7	\$16,466	7	\$32,668	17	\$35,678	11	19,682	11	26,708
Douglas	0	\$0	0	\$0	0	\$0	1	\$755	0	\$0	1	883
Dunn	2	\$1,811	4	\$4,047	4	\$4,648	4	\$4,627	3	2,154	5	8,286
Eau Claire	1	\$1,068	0	\$0	0	\$0	2	\$2,996	0	\$0	1	1,595
Florence	6	\$3,258	4	\$7,418	7	\$7,417	8	\$10,478	7	13,921	11	18,146
Fond du Lac	9	\$37,609	9	\$22,099	10	\$22,216	10	\$19,599	10	22,335	10	23,386
Forest	3	\$8,823	2	\$1,448	0	\$0	0	\$0	0	\$0	0	\$0
Grant	18	\$98,576	15	\$84,598	20	\$75,542	22	\$72,776	21	89,457	20	67,373
Green	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Green Lake	11	\$63,928	15	\$48,345	15	\$49,571	18	\$60,179	25	76,127	26	113,002
Iowa	6	\$17,687	6	\$14,749	12	\$14,690	15	\$21,019	14	24,088	14	30,197
Iron	1	\$3,237	1	\$567	1	\$612	0	\$0	0	\$0	0	\$0
Jackson	9	\$37,600	6	\$14,541	9	\$18,409	9	\$78,900	7	23,848	3	7,827
Jefferson	1	\$670	4	\$4,115	3	\$1,514	2	\$2,194	2	645	3	1,367
Juneau	4	\$4,638	4	\$4,481	5	\$3,702	5	\$22,885	11	31,883	12	30,124
Kenosha	NEP		NEP		NEP		NEP		NEP		NEP	
Kewaunee	5	\$10,638	3	\$2,886	3	\$1,939	4	\$6,141	5	8,083	4	4,169
La Crosse	4	\$5,301	3	\$1,721	4	\$2,933	4	\$4,082	6	4,496	5	3,948
Lafayette	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	NEP	
Langlade	8	\$28,562	1	\$728	7	\$65,364	7	\$58,136	8	24,016	5	9,579
Lincoln	3	\$2,521	4	\$4,604	3	\$4,843	4	\$17,029	3	16,504	3	7,898
Manitowoc	4	\$14,696	8	\$25,661	7	\$39,853	4	\$9,410	7	15,648	6	14,854

Table 2. Continued.

County	2007		2006		2005		2004		2003		2002	
	No. of claims	Assessed damage	No. of claims	Assessed damage	No. of claims	Assessed damage	No. of claims	Assessed damage	No. of claims	Assessed damage	No. of claims	Assessed damage
Marathon	17	\$142,517	20	\$251,740	17	\$43,247	26	\$214,155	21	77,110	16	74,565
Marinette	49	\$230,159	51	\$240,036	56	\$254,339	57	\$428,076	55	422,434	42	297,634
Marquette	19	\$112,187	20	\$90,970	21	\$110,901	24	\$119,078	27	179,742	22	170,094
Menominee	NEP		NEP		NEP		NEP		NEP		NEP	
Milwaukee	0	\$0	0	\$0	2	\$1,658	1	\$434	1	387	0	\$0
Monroe	6	\$22,131	3	\$5,635	3	\$8,378	5	\$16,958	6	32,006	8	43,781
Oconto	1	\$8,454	0	\$0	3	\$1,986	3	\$20,482	4	15,051	3	7,221
Oneida	1	\$13,398	1	\$8,863	2	\$14,504	2	\$10,136	1	10,728	1	10,659
Outagamie	30	\$113,440	36	\$124,391	29	\$186,813	27	\$158,828	23	234,557	18	96,448
Ozaukee	2	\$4,429	0	\$0	1	\$1,050	1	\$3,307	1	395	0	\$0
Pepin	1	\$4,013	1	\$337	0	\$0	0	\$0	0	\$0	0	\$0
Pierce	2	\$859	1	\$573	2	\$1,489	0	\$0	0	\$0	0	\$0
Polk	26	\$84,618	22	\$58,529	17	\$53,828	18	\$58,076	15	39,552	23	59,057
Portage	11	\$15,134	11	\$17,703	13	\$17,484	19	\$33,487	17	34,324	13	36,334
Price	10	\$23,029	8	\$15,573	7	\$10,244	11	\$41,858	13	41,362	18	128,427
Racine	0	\$0	1	\$271	1	\$153	1	\$3,921	2	512	1	985
Richland	20	\$106,653	13	\$64,470	17	\$61,129	19	\$41,249	19	43,363	15	40,336
Rock	2	\$2,577	3	\$3,090	3	\$3,638	1	\$1,161	2	2,751	2	4,700
Rusk	5	\$13,886	2	\$6,874	4	\$5,236	4	\$7,646	3	6,276	5	10,203
Sauk	3	\$7,373	7	\$8,692	11	\$10,255	9	\$13,499	11	14,869	9	15,056
Sawyer	14	\$74,651	17	\$141,533	16	\$56,483	22	\$54,443	16	48,436	22	99,883
Shawano	3	\$5,044	2	\$4,899	5	\$8,654	6	\$14,998	6	13,426	3	3,745
Sheboygan	3	\$6,030	2	\$1,742	4	\$9,971	3	\$7,523	4	10,659	2	1,378
St. Croix	7	\$32,014	4	\$14,531	6	\$19,217	7	\$22,349	2	8,486	5	15,205
Taylor	4	\$4,533	7	\$11,408	8	\$20,429	6	\$23,416	6	11,276	4	5,554
Trempealeau	4	\$11,245	4	\$4,921	7	\$25,529	8	\$49,147	7	35,491	6	14,355
Vernon	4	\$19,289	1	\$807	1	\$11,767	2	\$4,425	1	23,513	2	39,422
Vilas	1	\$1,809	1	\$1,762	2	\$4,020	4	\$26,130	0	\$0	3	13,495
Walworth	0	\$0	1	\$4,327	0	\$0	3	\$10,911	3	9,685	2	4,280
Washburn	4	\$4,621	9	\$12,345	4	\$7,023	13	\$36,858	12	18,847	9	44,093
Washington	8	\$21,766	4	\$7,670	2	\$3,423	7	\$19,514	5	20,219	4	7,884
Waukesha	1	\$1,358	1	\$108	1	\$230	1	\$580	2	8,495	5	18,504
Waupaca	3	\$2,032	2	\$1,994	3	\$2,955	7	\$9,225	5	11,413	1	959
Waushara	12	\$64,543	15	\$45,696	21	\$37,533	19	\$48,514	16	54,746	10	40,499
Winnebago	12	\$46,362	13	\$48,816	13	\$81,392	13	\$39,682	13	62,321	9	30,245
Wood	6	\$41,970	11	\$75,487	20	\$70,793	12	\$66,106	9	40,559	7	23,019
Total	500	\$1,913,651	491	\$1,777,875	557	\$1,784,513	642	\$2,447,277	614	2,405,026	594	2,336,559

NEP: Not enrolled in WDACP

Table 3. 2006 WDACP claims of deer damage, appraised loss from deer damage, and appraised loss by crop from deer damage, by deer management unit. Deer management units not listed had no damage recorded through the WDACP. Because claims sometimes include damage to crops in multiple deer management units, the sum of column two is not equal to the total number of deer damage claims filed in the WDACP in 2006.

DMU	No. of Claims	Total Appraised Deer Damage	Corn ¹	Soybeans	Forage ²	Other ⁵	Other fruits and vegetables ⁴	Nursery Stock	Orchards ³	Sweet Corn	Cranberries	Potatoes	Cabbage
3	12	\$5,829.25				\$625.00	\$4,817.50		\$386.75				
6	12	\$8,586.52	\$3,760.28	\$4,826.24									
9	2	\$83.41	\$83.41										
10	23	\$11,563.74	\$5,766.59	\$4,059.39	\$1,620.50	\$81.26	\$36.00						
11	23	\$6,602.52	\$3,014.79	\$622.36	\$2,965.37								
13	10	\$14,538.95	\$3,696.67	\$10,233.10		\$609.18							
15	116	\$45,821.44	\$34,215.08	\$5,753.90	\$5,074.90	\$777.56							
16	63	\$37,118.91	\$24,165.68	\$2,609.45	\$9,656.28		\$687.50						
17	12	\$1,327.50	\$521.24		\$806.26								
18	28	\$8,650.94	\$5,044.22	\$1,715.71	\$1,398.00	\$493.01							
19	14	\$9,113.48	\$2,426.88	\$6,686.60									
20	2	\$277.00			\$277.00								
21	17	\$3,896.21	\$309.05	\$739.16			\$1,280.50	\$1,567.50					
22	10	\$1,291.84	\$803.84			\$488.00							
22A	28	\$17,467.83	\$12,854.54	\$4,613.29									
23	11	\$1,957.96	\$1,808.18	\$149.78									
25	17	\$8,561.01	\$2,457.26	\$5,453.25	\$530.50	\$120.00							
27	7	\$2,504.04	\$2,504.04										
28	8	\$3,237.21					\$3,237.21						
31	1	\$648.80	\$648.80										
32	6	\$2,690.00	\$1,105.00	\$1,540.00	\$45.00								
33	19	\$1,981.76	\$1,410.09	\$352.71	\$180.60	\$38.36							
36	3	\$1,808.65										\$1,808.65	
40	6	\$769.16	\$619.34		\$81.00	\$68.82							
41	13	\$14,893.75	\$11,333.95		\$3,559.80								
42	12	\$706.76	\$106.50	\$219.02	\$381.24								
43	3	\$7,170.90										\$7,170.90	
46	4	\$3,399.46	\$3,399.46										
49B	39	\$54,652.29	\$26,985.54	\$730.02	\$7,065.00	\$1,159.51	\$2,611.20			\$4,605.02		\$11,496.00	
50	46	\$9,433.91	\$5,303.77		\$4,093.44	\$36.70							
51A	66	\$80,998.04	\$58,134.57	\$6,723.13	\$8,014.20	\$1,358.00	\$3,394.00			\$3,374.15			
51B	47	\$66,105.88	\$43,108.43	\$7,257.25	\$4,887.00		\$10,628.95			\$224.25			
52	32	\$14,236.94	\$146.88		\$692.10							\$13,397.96	

Table 3. Continued.

DMU	No. of Claims	Total Appraised Deer Damage	Corn ¹	Soybeans	Forage ²	Other ⁵	Other fruits and vegetables ⁴	Nursery Stock	Orchards ³	Sweet Corn	Cranberries	Potatoes	Cabbage
53	52	\$65,208.15	\$16,207.21	\$12,292.41	\$860.58		\$1,305.14				\$34,542.81		
54A	83	\$26,766.82	\$14,735.11	\$7,148.75	\$4,882.96								
54B	7	\$1,849.61	\$424.88	\$436.29	\$988.44								
54C	9	\$2,215.48	\$1,139.95	\$612.23	\$463.30								
56	4	\$7,639.63							\$7,639.63				
57A	2	\$1,422.23	\$1,422.23										
57B	27	\$3,353.23	\$1,669.02	\$713.45	\$970.76								
57C	19	\$4,393.65	\$3,986.18	\$97.45	\$310.02								
58	26	\$8,755.03	\$4,510.31	\$2,396.50	\$513.90	\$1,334.32							
59A	9	\$2,143.16	\$1,434.66						\$708.50				
59B	2	\$434.80	\$434.80										
59C	63	\$52,612.80	\$30,761.31	\$7,745.79	\$785.70	\$13,320.00							
59D	11	\$14,130.15	\$1,407.62	\$1,702.79					\$11,019.74				
60B	26	\$16,387.92	\$12,796.98	\$3,590.94									
61	1	\$972.00					\$972.00						
62A	88	\$76,514.40	\$36,044.45	\$9,317.53	\$3,293.60					\$27,858.82		\$0.00	
62B	24	\$11,171.44	\$8,528.70	\$831.34	\$747.40		\$500.00			\$564.00			
63A	85	\$83,192.24	\$55,243.50	\$10,227.35	\$4,227.92	\$4,158.47	\$184.25						\$9,150.75
63B	20	\$29,831.69	\$17,136.67	\$11,408.02	\$1,287.00								
64	27	\$20,329.05	\$12,862.61	\$4,303.27	\$788.40	\$2,374.77							
64A	1	\$427.00			\$427.00								
64M	58	\$26,011.12	\$8,793.04	\$4,267.08	\$9,525.00			\$3,426.00					
65A	3	\$25,244.04				\$25,244.04							
65B	10	\$7,724.43	\$5,000.46	\$2,723.97									
66	102	\$81,018.78	\$50,368.90	\$23,888.98	\$6,170.40	\$590.50							
67A	100	\$107,427.98	\$76,842.82	\$25,798.58	\$3,540.42	\$1,246.16							
67B	55	\$68,557.01	\$62,179.18	\$4,628.00	\$117.70	\$1,632.13							
68A	39	\$56,136.77	\$42,511.67	\$5,795.07		\$872.00		\$3,748.00		\$3,210.03			
68B	22	\$22,536.26	\$10,999.04	\$3,719.44			\$5,035.31	\$2,000.00		\$782.47			
69	14	\$5,842.41	\$2,237.99	\$680.70		\$1,140.97	\$1,782.75						
70	8	\$6,438.73	\$5,871.13		\$567.60								
70A	31	\$19,697.84	\$10,645.84	\$2,399.04	\$1,662.96	\$1,070.00	\$3,920.00						
70E	10	\$27,597.67	\$19,533.61	\$6,896.76	\$1,167.30								
70G	23	\$10,095.83	\$6,165.03	\$1,322.92	\$363.24		\$2,019.48			\$225.16			
71	42	\$102,770.33	\$64,527.26	\$8,244.17	\$3,338.86	\$6,457.50	\$531.60		\$18,005.94	\$1,665.00			
72	10	\$1,641.35	\$1,062.70	\$0.00	\$451.74	\$126.91							

Table 3. Continued.

DMU	No. of Claims	Total Appraised Deer Damage	Corn ¹	Soybeans	Forage ²	Other ⁵	Other fruits and vegetables ⁴	Nursery Stock	Orchards ³	Sweet Corn	Cranberries	Potatoes	Cabbage
73B	4	\$10,205.06	\$4,531.28	\$2,901.78		\$2,772.00							
73C	7	\$10,838.89	\$9,283.68	\$645.21	\$910.00								
73D	19	\$57,907.13	\$39,076.91	\$7,502.22	\$11,328.00								
73E	17	\$19,624.84	\$14,680.99	\$3,389.85	\$1,554.00								
74A	10	\$17,926.12	\$13,473.12	\$1,330.50			\$3,122.50						
74B	3	\$23,934.34						\$19,239.30	\$4,695.04				
75A	2	\$1,554.93	\$868.74	\$686.19									
75C	8	\$3,608.32	\$3,125.24	\$339.08	\$144.00								
76	7	\$1,875.75	\$1,189.79						\$685.96				
76A	2	\$1,033.44	\$475.33	\$558.11									
76M	2	\$3,470.00						\$3,470.00					
77C	11	\$8,625.70	\$4,209.20	\$2,661.50				\$1,755.00					
77M	24	\$16,779.04		\$2,489.51	\$710.40		\$2,225.00	\$11,354.13					
80B	24	\$13,230.32	\$4,256.08	\$498.20	\$43.20	\$348.50	\$8,084.34						
Total		\$1,637,030.98	\$938,389.31	\$250,475.33	\$113,469.99	\$68,543.67	\$56,375.23	\$46,559.93	\$43,141.56	\$42,508.90	\$34,542.81	\$33,873.51	\$9,150.75

¹ Corn includes corn for grain, silage, and organic corn (in descending order of appraised losses).

² Forage includes alfalfa, alfalfa/grass mix, hay, alfalfa/clover mix, and clover (in descending order of appraised losses).

³ Orchards include apples and cherries (in descending order of appraised losses).

⁴ Other fruits and vegetables includes pumpkins, snap beans, carrots, strawberries, cucumbers, green beans, watermelon, squash, red peppers, snap peas, peas, musk melon, broccoli, onions, beets, lettuce, and cantaloupe (in descending order of appraised losses).

⁵ Other includes Christmas trees, sunflowers, small grains, and straw (in descending order of appraised losses).

Table 4. WDACP. 2007 statewide deer damage claims summarized by crop category. Note that a claim including deer damage to multiple crops within the same category is counted only once. Because claims often include damage to crops in multiple categories, the sum of column two is not equal to the total number of deer damage claims filed in the WDACP in 2007.

Category	No. of Claims	Acres appraised	Acres damaged	Appraised loss	Yield Lost	Units
Corn ¹	330	33,560.16	3,462.58	\$938,389.31	254,823.21	bushels
Soybeans	173	9,860.89	1,488.20	\$250,475.33	31,107.21	bushels
Forage ²	144	19,663.36	3,279.03	\$113,469.99	1,113.76	tons
Other ⁵	40	1,896.79	835.81	\$68,543.67	25,938.67	
Other fruits and vegetables ³	26	2,182.40	1,089.05	\$56,375.23	94,422.76	
Nursery stock	10	125.50	8.10	\$46,559.93	9,098.00	
Orchards ⁴	8	1,400.00	798.00	\$43,141.56	2,197.49	
Sweet corn	15	2,350.32	167.47	\$42,508.90	1,774.80	
Cranberries	1	8.10	4.50	\$34,542.81	686.19	barrels
Potatoes	5	872.20	60.15	\$33,873.51	2,390.25	hundred weight
Cabbage	2	54.00	7.10	\$9,150.75	12,008.50	
<i>Total</i>		<i>71,973.72</i>	<i>11,199.99</i>	<i>\$1,637,030.99</i>		

* Multiple methods of marketing crops in this category.

¹ Corn includes corn for grain, silage, and organic corn (in descending order of appraised losses); total yield lost calculation for this category excludes a small amount of corn for silage marketed by the ton.

² Forage includes alfalfa, alfalfa/grass mix, hay, alfalfa/clover mix, and clover (in descending order of appraised losses).

³ Other fruits and vegetables includes pumpkins, snap beans, carrots, strawberries, cucumbers, green beans, watermelon, squash, red peppers, snap peas, peas, musk melon, broccoli, onions, beets, lettuce, and cantaloupe (in descending order of appraised losses).

⁴ Orchards include apples and cherries (in descending order of appraised losses).

⁵ Other includes Christmas trees, sunflowers, small grains, and straw (in descending order of appraised losses).

Figure 2. Value of statewide appraised deer damage losses recorded in the WDACP in 2007 by crop category. See Table 4 for a description of the crop categories.

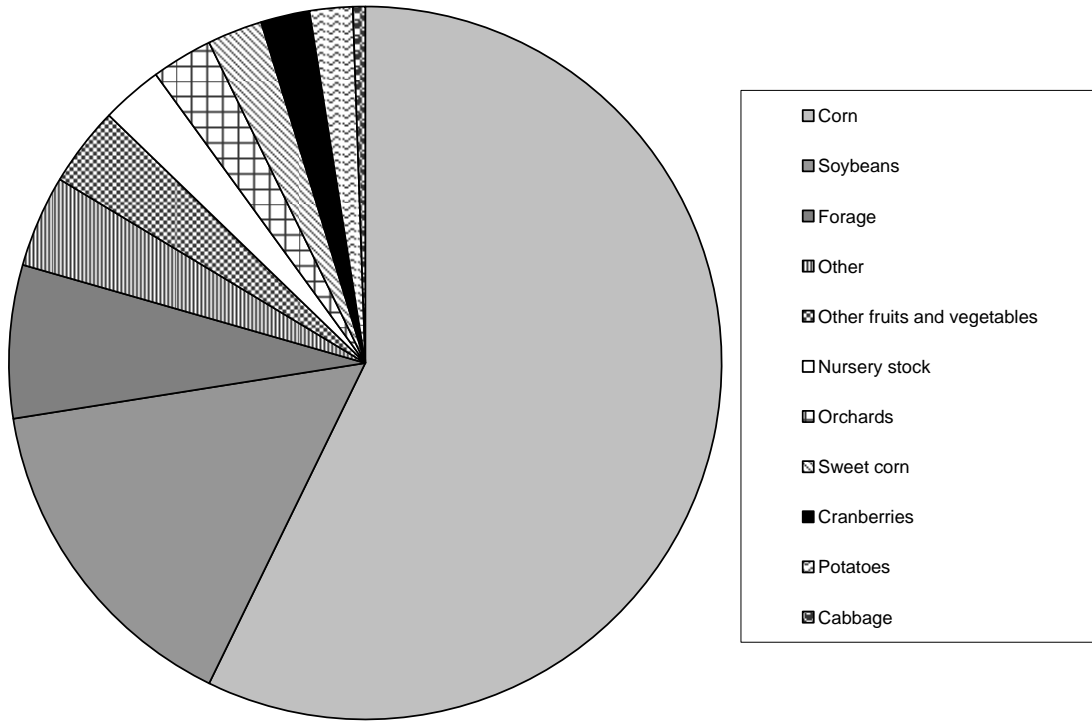


Table 5. Eight foot, high tensile, woven wire, deer barrier fence projects installed in 2007. Source: WDNR WDACP Database and personal communication with USDA-Wildlife Services and county wildlife damage specialists.

County	Number of Fences	Cost to WDACP	Linear feet of fence	Acres protected by fence	Crops protected by fence
Dane	1	\$13,800	5,888	70	Nursery Stock
Eau Claire	3	\$4,400	1,100	2	Apple Trees
		\$6,437	2,182	4	Grapes and Apples
		\$8,302	2,800	8	Grapes
Jackson	1	\$5,700	1,456	4	Stored Feed
LaCrosse		\$6,150	1,754	3	Garden/Orchard
Marinette	1	\$5,100	1,340	4	Apple Trees
Marquette	1	\$4,429	1,578	4	Christmas Trees
Monroe	2	\$7,650	2,185	42	Cranberries
		\$5,313	2,455	50	Cranberries
Oconto	1	\$13,500	4,300	18	Tree Seedlings
Polk	1	\$14,438	5,350	30	Apple Trees
Price	1	\$4,575	1,119	2	Corkscrew Willow
Waushara	2	\$9,660	4,135	25	Christmas Trees
		\$9,960	4,135	25	Christmas Trees
Wood	4	\$19,084	8,672	80	Cranberries
		\$14,025	5,271	40	Cranberries
		\$10,363	5,034	40	Cranberries
		\$11,204	6,430	44	Cranberries
<i>Total</i>	<i>18</i>	<i>\$174,090</i>	<i>67,184</i> <i>(12.7 Miles)</i>	<i>495</i>	

Table 6. Numbers of deer and pounds of venison donated through Wisconsin Deer Donation 2007. Numbers of deer are based on phone surveys to participating processors in January 2008. Pounds of venison are estimated, assuming 45 lbs. of venison per deer donated.

County	No. of Deer	Pounds of venison	County	No. of Deer	Pounds of venison
Adams	54	2,430	Marinette	128	5,760
Ashland	74	3,330	Milwaukee	95	4,275
Barron	288	12,960	Monroe	115	5,175
Brown	251	11,295	Oconto	106	4,770
Buffalo	797	35,865	Oneida	116	5,220
Burnett	124	5,580	Outagamie	343	15,435
Calumet	3	135	Ozaukee	91	4,095
Chippewa	198	8,910	Pierce	210	9,450
Clark	42	1,890	Polk	304	13,680
Crawford	55	2,475	Portage	213	9,585
Dodge	161	7,245	Racine	14	630
Door	255	11,475	Rusk	78	3,510
Douglas	78	3,510	St Croix	368	16,560
Dunn	203	9,135	Sawyer	126	5,670
Eau Claire	83	3,735	Shawano	307	13,815
Florence	2	90	Sheboygan	83	3,735
Fond du Lac	384	17,280	Taylor	80	3,600
Forest	9	405	Trempealeau	693	31,185
Grant	371	16,695	Vernon	249	11,205
Jackson	243	10,935	Vilas	26	1,170
Juneau	149	6,705	Washington	129	5,805
Kewaunee	70	3,150	Waupaca	430	19,350
La Crosse	220	9,900	Waushara	221	9,945
Langlade	26	1,170	Winnebago	132	5,940
Lincoln	51	2,295	Wood	83	3,735
Manitowoc	91	4,095	<i>Total</i>	<i>9,200</i>	<i>414,000</i>
Marathon	178	8,010			

*Counties not listed did not participate in the 2007 Deer Donation Program.