

Wildlife Damage Abatement and Claims Program 2008

By Brad Koele

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 seedlings 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 2008, 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 2008, 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

Four hundred ninety one wildlife damage claims were submitted in 2008, with appraised losses totaling \$2,193,197.62. Of the claims submitted, WDNR paid \$1,698,726.78 on 448 wildlife damage claims. Payment was denied on 41 claims for failure to meet program requirements (Table 1). The number of claims filed in 2008 decreased from 500 in 2007 while the appraised losses increased. The increase in appraised losses in 2008 compared to 2007 can be contributed to higher commodity prices primarily for corn and soybeans which are damaged most frequently.

Wildlife damage claims were filed in 63 of the 70 counties enrolled in the program in 2008 (Table 1). On average, 7.0 claims were filed (range 0 - 44) and \$29,900 in damage was appraised (range \$0 - \$299,318.05) in each county enrolled in the program. Marinette, Sawyer, Richland, Grant, and Marquette counties had the greatest appraised losses from wildlife damage (>\$140,000 each) and Marinette and Grant counties had the most acreage damaged by wildlife (>800 acres each). Assessed damage in 2008 increased from 2007 levels in 34 counties, and decreased in 33 counties. The largest increases in assessed damage, greater than \$40,000, occurred in Crawford (\$107,581 increase), Sawyer (\$78,790 increase), Marinette (\$69,159 increase), Grant (\$43,346 increase) and Richland (\$41,655 increase) counties.

Assessed damage decreased by more than \$25,000 from 2007 to 2008 in Marathon (\$74,391 decrease) Wood (\$35,652 decrease), and Waushara (\$26,648 decrease) counties. The largest numbers of claims (>25) were filed in Marinette, Polk, and Outagamie counties. The number of claims filed increased substantially (7 claims) from 2007 to 2008 in Polk county, and decreased by more than 5 claims in Marinette county.

Deer damage represented 84.5% of appraised losses statewide, bear damage 10.83%, goose damage 4.3%, and turkey damage 0.37%. Total deer damage recorded statewide increased 13.19% from 2007 to 2008 (compared to a 14% increase from 2006 to 2007). Statewide turkey and goose damage decreased, by 87.18% and 16.04% respectively, from 2007 to 2008. Statewide bear damage increased by 139.71% from 2007-2008.

Appraised losses from deer damage exceeded \$130,000 in Marinette, Richland, Grant, Marquette and Crawford counties (Table 1). Deer damage units with very high losses (more than \$90,000) were 67A, 51A, 74B, 71CWD, and 51B (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 \$915,309), followed by soybeans and apples (Table 4, Figure 2).

Appraised damage losses from bear were highest in Sawyer County (\$115,929), with damage occurring primarily to corn. Appraised losses from geese were highest in Dodge County (\$31,748) with geese damaging primarily alfalfa (Table 1). Turkey damage occurred in nine counties, and was highest in Polk County (\$3,942) (Table 1).

State abatement costs for the program totaled \$213,692 in 2008. The WDACP built 5, 8ft, high tensile, woven wire fences in 5 counties, which collectively measured 3.8 miles in length and cost the program \$42,933.75 (Table 5). An additional \$64,212 was spent for temporary fences, \$11,944 for repellents, \$81,811 for bear trapping, and \$11,958 for scare devices. The most commonly used abatement measure was deer damage shooting permits. In 2008, the Department issued 720 agricultural deer damage shooting permits across the state under which 5,274 deer were removed (see Agricultural Deer Damage Shooting Permits, 2008). USDA-APHIS-WS provided assistance to the Department in trapping and relocating 359 bears damaging crops, apiaries or threatening livestock, down from 382 bears trapped and relocated in 2007. State administration costs for WDACP participant counties totaled \$ 1,031,989 in 2008. In addition to state expenditures on WDACP administration and abatement, an additional \$247,019 in administration costs and \$17,501 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 2008, 123 processors in 55 of 70 counties enrolled in the WDACP chose to participate in Wisconsin Deer Donation 2008. In those counties, hunters donated 6,267 deer, and processors processed nearly 282,000 pounds of venison (Table 6). Counties in which hunters donated the most deer were Buffalo (653), Trempealeau (466), Fond du Lac (296), and Grant (281). Food pantries distributed this venison to needy people around the state. The cost of the program in 2008 was approximately \$323,767. Ninety-six percent (\$310,690) of program costs were for venison processing fees, and the remaining 4% (\$13,077) were advertising and administration costs.

Figure 1. Trends in the number of wildlife damage claims filed and appraised losses in the WDACP, 1997-2008. Data source: WDACP database.

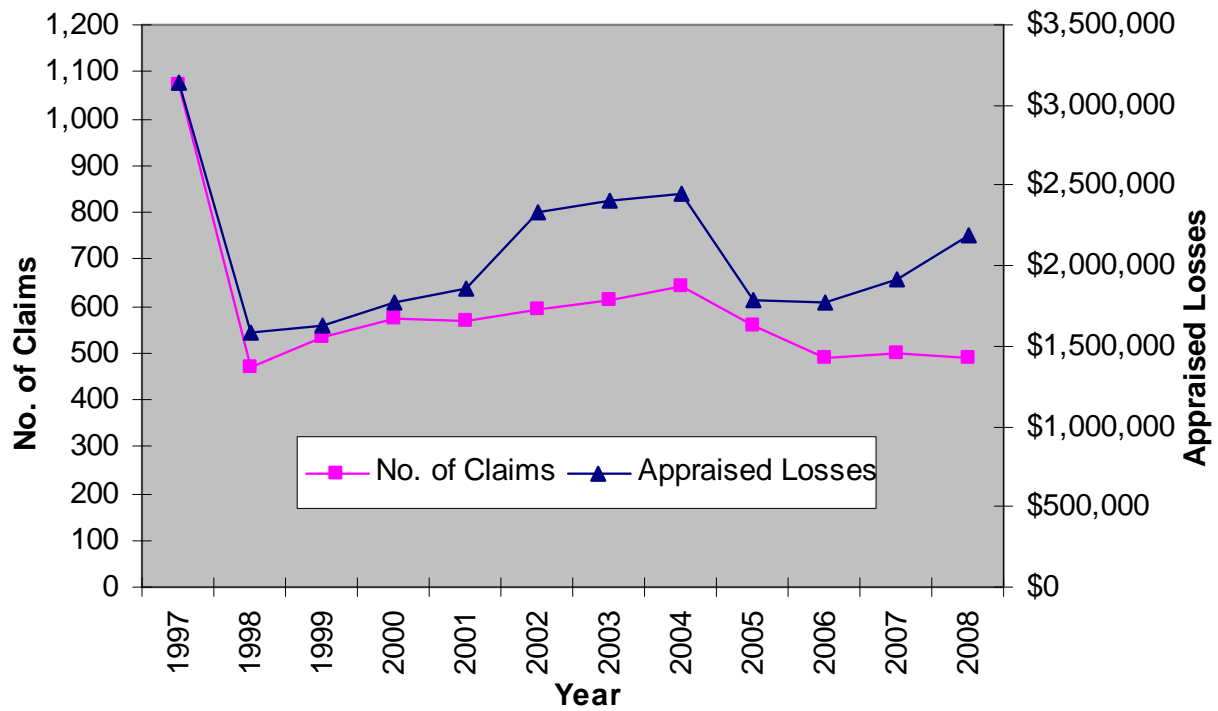


Table 1. WDACP 2008 Wildlife Damage Claims Characteristics by County. Data source: WDACP Database. NEP= Not Enrolled in Program.

County	No. of Claims Filed	Assessed Damage	Assessed Damage Eligible for Payment	Average Appraised Loss/Claim	Acres Appraised	Acres Damaged	Total Deer Damage	Total Turkey Damage	Total Goose Damage	Total Bear Damage
Adams	17	\$42,614.87	\$38,551.79	\$2,506.76	2,900.30	234.75	\$42,512.42	\$0.00	\$0.00	\$102.45
Ashland	2	\$5,204.83	\$4,704.83	\$2,602.41	199.30	13.96	\$0.00	\$0.00	\$0.00	\$5,204.83
Barron	10	\$19,539.63	\$17,401.38	\$1,953.96	2,880.40	62.98	\$8,190.21	\$0.00	\$0.00	\$11,349.42
Bayfield	10	\$27,829.18	\$24,234.70	\$2,782.92	331.90	49.30	\$25,470.70	\$254.75	\$0.00	\$2,103.73
Brown	8	\$39,987.68	\$35,482.45	\$4,998.46	1,089.90	287.30	\$25,867.25	\$339.84	\$13,780.59	\$0.00
Buffalo	0	\$0.00	\$0.00	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
Burnett	16	\$44,988.28	\$38,027.49	\$2,811.77	1,871.30	201.80	\$29,749.06	\$0.00	\$2,328.06	\$12,911.16
Calumet	3	\$16,434.32	\$14,802.79	\$5,478.11	766.80	93.10	\$13,163.43	\$0.00	\$3,270.89	\$0.00
Chippewa	3	\$4,443.11	\$3,693.11	\$1,481.04	124.00	9.50	\$3,627.09	\$0.00	\$0.00	\$816.02
Clark	4	\$19,374.17	\$17,437.02	\$4,843.54	334.90	111.25	\$19,374.17	\$0.00	\$0.00	\$0.00
Columbia	15	\$108,398.34	\$92,472.70	\$7,226.56	3,993.94	358.80	\$106,138.23	\$0.00	\$2,260.10	\$0.00
Crawford	5	\$131,516.00	\$63,320.00	\$26,303.20	500.00	500.00	\$131,516.00	\$0.00	\$0.00	\$0.00
Dane	8	\$21,805.89	\$19,461.89	\$2,725.74	544.80	41.95	\$21,272.69	\$0.00	\$533.20	\$0.00
Dodge	11	\$68,932.00	\$46,367.19	\$6,266.55	816.70	132.10	\$36,866.98	\$316.89	\$31,748.13	\$0.00
Door	3	\$9,041.42	\$8,291.42	\$3,013.81	143.80	30.49	\$8,432.45	\$608.96	\$0.00	\$0.00
Douglas	1	\$280.80	\$30.80	\$280.80	20.80	1.87	\$0.00	\$0.00	\$0.00	\$280.80
Dunn	1	\$1,170.90	\$920.90	\$1,170.90	3.00	3.00	\$0.00	\$0.00	\$0.00	\$1,170.90
Eau Claire	2	\$3,869.23	\$3,369.23	\$1,934.61	11.50	1.46	\$282.62	\$0.00	\$0.00	\$3,586.60
Florence	4	\$4,348.05	\$3,434.37	\$1,087.01	576.50	80.15	\$3,870.52	\$0.00	\$313.85	\$163.68
Fond du Lac	7	\$22,441.48	\$20,303.74	\$3,205.93	1,443.70	77.85	\$22,441.48	\$0.00	\$0.00	\$0.00
Forest	2	\$1,018.27	\$518.27	\$509.14	68.00	1.99	\$0.00	\$0.00	\$0.00	\$1,018.27
Grant	20	\$141,922.76	\$106,164.42	\$7,096.14	5,131.50	837.30	\$141,922.76	\$0.00	\$0.00	\$0.00
Green	0	\$0.00	\$0.00	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
Green Lake	9	\$68,946.79	\$58,458.97	\$7,660.75	1,634.50	184.30	\$68,946.79	\$0.00	\$0.00	\$0.00
Iowa	7	\$22,138.28	\$19,367.12	\$3,162.61	932.07	121.70	\$22,138.28	\$0.00	\$0.00	\$0.00
Iron	0	\$0.00	\$0.00	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jackson	10	\$34,788.30	\$31,469.00	\$3,478.83	2,265.46	119.21	\$34,788.30	\$0.00	\$0.00	\$0.00
Jefferson	1	\$2,813.79	\$2,563.79	\$2,813.79	48.00	7.70	\$2,813.79	\$0.00	\$0.00	\$0.00
Juneau	1	\$256.61	\$231.61	\$256.61	22.00	1.00	\$256.61	\$0.00	\$0.00	\$0.00
Kenosha	NEP									
Kewaunee	3	\$376.83	\$32.60	\$125.61	109.00	4.40	\$94.23	\$0.00	\$282.60	\$0.00
La Crosse	2	\$4,094.40	\$3,594.40	\$2,047.20	75.00	17.85	\$4,094.40	\$0.00	\$0.00	\$0.00
Lafayette	0	\$0.00	\$0.00	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
Langlade	8	\$8,906.40	\$6,406.54	\$1,113.30	447.00	46.92	\$831.26	\$0.00	\$5,122.59	\$2,952.55
Lincoln	3	\$2,040.75	\$1,483.25	\$680.25	588.00	5.14	\$426.47	\$916.61	\$0.00	\$697.67
Manitowoc	4	\$9,341.36	\$8,341.36	\$2,335.34	354.00	57.70	\$8,137.94	\$639.47	\$563.96	\$0.00

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 Turkey Damage	Total Goose Damage	Total Bear Damage
Marathon	14	\$68,125.49	\$59,239.08	\$4,866.11	4,409.50	238.50	\$64,726.60	\$0.00	\$3,398.89	\$0.00
Marinette	44	\$299,318.05	\$250,843.28	\$6,802.68	9,954.20	1,316.60	\$287,283.63	\$0.00	\$0.00	\$12,034.43
Marquette	16	\$140,131.07	\$107,807.22	\$8,758.19	4,126.00	588.75	\$139,798.59	\$0.00	\$0.00	\$332.48
Menominee	NEP									
Milwaukee	1	\$8,532.00	\$7,625.60	\$8,532.00	4.00	2.00	\$0.00	\$0.00	\$8,532.00	\$0.00
Monroe	5	\$8,782.96	\$7,459.52	\$1,756.59	287.00	31.50	\$7,664.30	\$0.00	\$0.00	\$1,118.66
Oconto	1	\$542.11	\$292.11	\$542.11	18.47	1.38	\$0.00	\$0.00	\$542.11	\$0.00
Oneida	0	\$0.00	\$0.00	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
Outagamie	28	\$114,610.79	\$104,297.63	\$4,093.24	3,959.40	557.50	\$110,392.29	\$0.00	\$0.00	\$4,218.50
Ozaukee	1	\$1,948.43	\$1,698.43	\$1,948.43	18.90	3.20	\$0.00	\$0.00	\$1,948.43	\$0.00
Pepin	1	\$1,583.94	\$1,333.94	\$1,583.94	7.00	7.00	\$0.00	\$0.00	\$0.00	\$1,583.94
Pierce	1	\$704.10	\$454.10	\$704.10	38.00	2.75	\$704.10	\$0.00	\$0.00	\$0.00
Polk	33	\$101,466.23	\$87,878.41	\$3,074.73	3,096.80	397.60	\$74,919.92	\$3,942.49	\$6,094.15	\$16,509.66
Portage	11	\$17,494.94	\$14,968.24	\$1,590.45	1,209.00	79.25	\$15,619.23	\$0.00	\$1,115.11	\$760.60
Price	11	\$19,666.56	\$16,763.42	\$1,787.87	741.00	69.91	\$9,841.32	\$0.00	\$205.20	\$9,620.04
Racine	0	\$0.00	\$0.00	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
Richland	21	\$148,308.24	\$129,009.96	\$7,062.30	4,368.50	626.30	\$146,875.33	\$0.00	\$1,432.91	\$0.00
Rock	2	\$1,660.82	\$1,160.83	\$830.41	132.00	4.80	\$0.00	\$0.00	\$1,660.82	\$0.00
Rusk	7	\$24,552.21	\$21,457.16	\$3,507.46	590.00	36.66	\$1,058.38	\$0.00	\$0.00	\$23,493.84
Sauk	3	\$3,874.78	\$3,272.28	\$1,291.59	681.90	65.75	\$3,874.78	\$0.00	\$0.00	\$0.00
Sawyer	17	\$153,441.91	\$114,600.90	\$9,025.99	3,881.40	322.80	\$37,512.85	\$0.00	\$0.00	\$115,929.06
Shawano	2	\$2,338.15	\$1,935.85	\$1,169.08	36.30	8.62	\$976.66	\$0.00	\$1,361.49	\$0.00
Sheboygan	5	\$9,146.61	\$7,896.61	\$1,829.32	137.60	66.60	\$6,842.61	\$432.00	\$1,872.00	\$0.00
St. Croix	6	\$18,418.49	\$15,853.73	\$3,069.75	651.00	41.10	\$16,625.23	\$0.00	\$0.00	\$1,793.26
Taylor	3	\$3,062.20	\$2,312.20	\$1,020.73	50.00	4.75	\$0.00	\$0.00	\$0.00	\$3,062.20
Trempealeau	4	\$12,419.97	\$10,853.90	\$3,104.99	355.80	39.70	\$12,419.97	\$0.00	\$0.00	\$0.00
Vernon	5	\$17,856.73	\$15,590.25	\$3,571.35	328.40	22.90	\$17,856.73	\$0.00	\$0.00	\$0.00
Vilas	0	\$0.00	\$0.00	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00
Walworth	1	\$970.38	\$720.38	\$970.38	19.00	2.75	\$0.00	\$0.00	\$970.38	\$0.00
Washburn	8	\$6,013.18	\$5,063.19	\$751.65	534.50	24.63	\$3,413.91	\$0.00	\$0.00	\$2,599.27
Washington	6	\$22,917.33	\$20,387.34	\$3,819.55	338.00	54.50	\$19,889.05	\$0.00	\$3,028.28	\$0.00
Waukesha	1	\$552.16	\$302.16	\$552.16	15.00	2.50	\$552.16	\$0.00	\$0.00	\$0.00
Waupaca	3	\$2,676.08	\$2,091.08	\$892.03	57.00	3.00	\$570.38	\$0.00	\$0.00	\$2,105.70
Waushara	12	\$37,894.39	\$33,507.20	\$3,157.87	1,431.70	179.45	\$35,261.29	\$600.00	\$2,033.10	\$0.00
Winnebago	10	\$48,661.46	\$43,803.11	\$4,866.15	1,795.80	271.37	\$48,661.46	\$0.00	\$0.00	\$0.00
Wood	8	\$6,317.74	\$4,595.81	\$789.72	595.55	49.54	\$6,317.74	\$0.00	\$0.00	\$0.00
Total	491	\$2,192,854.21	\$1,786,014.05	\$2,403.00	74,096.79	8,820.48	\$1,852,884.63	\$8,051.02	\$94,398.84	\$237,519.72

Table 2. WDACP claims filed and appraised damage losses by county, 2003-2008.

County	2008		2007		2006		2005		2004		2003	
	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	17	\$42,614.87	20	\$43,208	17	\$64,662	20	\$46,849	22	\$74,065	22	\$60,446
Ashland	2	\$5,204.83	1	\$1,242	2	\$1,997	1	\$2,195	0	\$0	0	\$0
Barron	10	\$19,539.63	9	\$14,331	8	\$6,463	6	\$5,866	9	\$15,381	8	\$9,663
Bayfield	10	\$27,829.18	8	\$17,904	5	\$4,086	6	\$23,138	9	\$34,055	7	\$39,335
Brown	8	\$39,987.68	9	\$42,576	8	\$34,701	9	\$52,655	11	\$66,850	12	\$96,761
Buffalo	0	\$0.00	1	\$972	0	\$0	1	\$189	3	\$1,425	4	\$4,702
Burnett	16	\$44,988.28	13	\$34,156	18	\$32,192	18	\$36,708	22	\$66,687	25	\$67,974
Calumet	3	\$16,434.32	3	\$8,523	2	\$7,176	3	\$11,062	3	\$8,903	3	\$14,379
Chippewa	3	\$4,443.11	3	\$2,792	1	\$257	1	\$1,369	3	\$3,301	2	\$2,245
Clark	4	\$19,374.17	4	\$8,755	4	\$10,425	10	\$9,528	9	\$14,321	10	\$8,056
Columbia	15	\$108,398.34	14	\$75,973	12	\$44,220	13	\$35,678	20	\$65,324	22	\$120,795
Crawford	5	\$131,516.00	2	\$23,934	0	\$0	2	\$32,078	1	\$14,619	1	\$26,335
Dane	8	\$21,805.89	8	\$11,114	12	\$20,883	17	\$18,532	16	\$32,047	13	\$25,587
Dodge	11	\$68,932.00	14	\$31,978	12	\$16,528	11	\$16,995	17	\$17,244	17	\$22,870
Door	3	\$9,041.42	5	\$13,449	7	\$16,466	7	\$32,668	17	\$35,678	11	\$19,682
Douglas	1	\$280.80	0	\$0	0	\$0	0	\$0	1	\$755	0	\$0
Dunn	1	\$1,170.90	2	\$1,811	4	\$4,047	4	\$4,648	4	\$4,627	3	\$2,154
Eau Claire	2	\$3,869.23	1	\$1,068	0	\$0	0	\$0	2	\$2,996	0	\$0
Florence	4	\$4,348.05	6	\$3,258	4	\$7,418	7	\$7,417	8	\$10,478	7	\$13,921
Fond du Lac	7	\$22,441.48	9	\$37,609	9	\$22,099	10	\$22,216	10	\$19,599	10	\$22,335
Forest	2	\$1,018.27	3	\$8,823	2	\$1,448	0	\$0	0	\$0	0	\$0
Grant	20	\$141,922.76	18	\$98,576	15	\$84,598	20	\$75,542	22	\$72,776	21	\$89,457
Green	0	\$0.00	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Green Lake	9	\$68,946.79	11	\$63,928	15	\$48,345	15	\$49,571	18	\$60,179	25	\$76,127
Iowa	7	\$22,138.28	6	\$17,687	6	\$14,749	12	\$14,690	15	\$21,019	14	\$24,088
Iron	0	\$0.00	1	\$3,237	1	\$567	1	\$612	0	\$0	0	\$0
Jackson	10	\$34,788.30	9	\$37,600	6	\$14,541	9	\$18,409	9	\$78,900	7	\$23,848
Jefferson	1	\$2,813.79	1	\$670	4	\$4,115	3	\$1,514	2	\$2,194	2	\$645
Juneau	1	\$256.61	4	\$4,638	4	\$4,481	5	\$3,702	5	\$22,885	11	\$31,883
Kenosha	NEP		NEP		NEP		NEP		NEP		NEP	
Kewaunee	3	\$376.83	5	\$10,638	3	\$2,886	3	\$1,939	4	\$6,141	5	\$8,083
La Crosse	2	\$4,094.40	4	\$5,301	3	\$1,721	4	\$2,933	4	\$4,082	6	\$4,496
Lafayette	0	\$0.00	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Langlade	8	\$8,906.40	8	\$28,562	1	\$728	7	\$65,364	7	\$58,136	8	\$24,016
Lincoln	3	\$2,040.75	3	\$2,521	4	\$4,604	3	\$4,843	4	\$17,029	3	\$16,504
Manitowoc	4	\$9,341.36	4	\$14,696	8	\$25,661	7	\$39,853	4	\$9,410	7	\$15,648
Marathon	14	\$68,125.49	17	\$142,517	20	\$251,740	17	\$43,247	26	\$214,155	21	\$77,110

Table 2. WDACP claims filed and appraised damage losses by county, 2003-2008.

County	2008		2007		2006		2005		2004		2003	
	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
Marinette	44	\$299,318.05	49	\$230,159	51	\$240,036	56	\$254,339	57	\$428,076	55	\$422,434
Marquette	16	\$140,131.07	19	\$112,187	20	\$90,970	21	\$110,901	24	\$119,078	27	\$179,742
Menominee	NEP		NEP		NEP		NEP		NEP		NEP	
Milwaukee	1	\$8,532.00	0	\$0	0	\$0	2	\$1,658	1	\$434	1	\$387
Monroe	5	\$8,782.96	6	\$22,131	3	\$5,635	3	\$8,378	5	\$16,958	6	\$32,006
Oconto	1	\$542.11	1	\$8,454	0	\$0	3	\$1,986	3	\$20,482	4	\$15,051
Oneida	0	\$0.00	1	\$13,398	1	\$8,863	2	\$14,504	2	\$10,136	1	\$10,728
Outagamie	28	\$114,610.79	30	\$113,440	36	\$124,391	29	\$186,813	27	\$158,828	23	\$234,557
Ozaukee	1	\$1,948.43	2	\$4,429	0	\$0	1	\$1,050	1	\$3,307	1	\$395
Pepin	1	\$1,583.94	1	\$4,013	1	\$337	0	\$0	0	\$0	0	\$0
Pierce	1	\$704.10	2	\$859	1	\$573	2	\$1,489	0	\$0	0	\$0
Polk	33	\$101,466.23	26	\$84,618	22	\$58,529	17	\$53,828	18	\$58,076	15	\$39,552
Portage	11	\$17,494.94	11	\$15,134	11	\$17,703	13	\$17,484	19	\$33,487	17	\$34,324
Price	11	\$19,666.56	10	\$23,029	8	\$15,573	7	\$10,244	11	\$41,858	13	\$41,362
Racine	0	\$0.00	0	\$0	1	\$271	1	\$153	1	\$3,921	2	\$512
Richland	21	\$148,308.24	20	\$106,653	13	\$64,470	17	\$61,129	19	\$41,249	19	\$43,363
Rock	2	\$1,660.82	2	\$2,577	3	\$3,090	3	\$3,638	1	\$1,161	2	\$2,751
Rusk	7	\$24,552.21	5	\$13,886	2	\$6,874	4	\$5,236	4	\$7,646	3	\$6,276
Sauk	3	\$3,874.78	3	\$7,373	7	\$8,692	11	\$10,255	9	\$13,499	11	\$14,869
Sawyer	17	\$153,441.91	14	\$74,651	17	\$141,533	16	\$56,483	22	\$54,443	16	\$48,436
Shawano	2	\$2,338.15	3	\$5,044	2	\$4,899	5	\$8,654	6	\$14,998	6	\$13,426
Sheboygan	5	\$9,146.61	3	\$6,030	2	\$1,742	4	\$9,971	3	\$7,523	4	\$10,659
St. Croix	6	\$18,418.49	7	\$32,014	4	\$14,531	6	\$19,217	7	\$22,349	2	\$8,486
Taylor	3	\$3,062.20	4	\$4,533	7	\$11,408	8	\$20,429	6	\$23,416	6	\$11,276
Trempealeau	4	\$12,419.97	4	\$11,245	4	\$4,921	7	\$25,529	8	\$49,147	7	\$35,491
Vernon	5	\$17,856.73	4	\$19,289	1	\$807	1	\$11,767	2	\$4,425	1	\$23,513
Vilas	0	\$0.00	1	\$1,809	1	\$1,762	2	\$4,020	4	\$26,130	0	\$0
Walworth	1	\$970.38	0	\$0	1	\$4,327	0	\$0	3	\$10,911	3	\$9,685
Washburn	8	\$6,013.18	4	\$4,621	9	\$12,345	4	\$7,023	13	\$36,858	12	\$18,847
Washington	6	\$22,917.33	8	\$21,766	4	\$7,670	2	\$3,423	7	\$19,514	5	\$20,219
Waukesha	1	\$552.16	1	\$1,358	1	\$108	1	\$230	1	\$580	2	\$8,495
Waupaca	3	\$2,676.08	3	\$2,032	2	\$1,994	3	\$2,955	7	\$9,225	5	\$11,413
Waushara	12	\$37,894.39	12	\$64,543	15	\$45,696	21	\$37,533	19	\$48,514	16	\$54,746
Winnebago	10	\$48,661.46	12	\$46,362	13	\$48,816	13	\$81,392	13	\$39,682	13	\$62,321
Wood	8	\$6,317.74	6	\$41,970	11	\$75,487	20	\$70,793	12	\$66,106	9	\$40,559
Total	491	\$2,192,854.21	500	\$1,913,651	491	\$1,777,875	557	\$1,784,513	642	\$2,447,277	614	\$2,405,026

NEP: Not enrolled in WDACP

Table 3. 2008 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 2008.

DMU	# of Claims	Total Appraised Loss	Corn ¹	Soybeans	Forage ²	Potatoes	Orchards ⁵	Nursery Stock	Other fruits and vegetables ³	Other ⁴
3	3	\$22,816.52					\$20,950.60			\$1,865.92
6	1	\$2,654.18		\$2,654.18						
10	6	\$7,771.90	\$5,404.38	\$1,302.78	\$1,064.74					
11	6	\$9,182.81	\$4,502.26	\$2,633.22	\$2,047.33					
12	1	\$1,357.70		\$1,357.70						
13	4	\$22,352.84	\$623.71	\$15,779.34						\$5,949.78
14	1	\$205.20			\$205.20					
15	20	\$45,867.16	\$25,417.18	\$15,336.44	\$5,113.53					
16	15	\$36,879.88	\$21,722.04	\$9,771.90	\$4,675.94				\$710.00	
18	4	\$9,393.62	\$5,685.29	\$2,838.07						\$870.26
19	1	\$6,824.76	\$1,894.36	\$597.09						\$4,333.31
20	1	\$5,662.58	\$1,361.58	\$4,301.00						
21	5	\$4,363.04	\$1,031.87	\$899.68	\$1,861.49			\$570.00		
22	3	\$2,109.73	\$2,109.73	\$546.26						
22A	5	\$14,045.78	\$5,866.26	\$8,179.53						
23	1	\$3,265.08	\$2,718.82	\$3,174.76						
25	2	\$3,973.54	\$533.28	\$596.66	\$265.50					
33	3	\$2,264.50	\$1,177.04		\$111.02					\$379.78
40	1	\$1,157.49	\$910.54							\$246.96
41	4	\$19,043.08	\$12,559.81	\$52.78	\$6,430.49					
42	4	\$831.26	\$0.00	\$166.43	\$147.33					\$517.50
46	1	\$1,362.66	\$1,037.48	\$292.24						\$32.94
49B	8	\$65,331.53	\$28,018.80	\$1,515.09	\$8,618.09	\$5,337.00				\$21,842.55
50	5	\$14,509.85	\$8,163.85		\$5,786.40					\$559.60
51A	21	\$121,847.34	\$76,998.73	\$11,554.80	\$15,719.46				\$7,906.42	\$9,667.93
51B	11	\$69,264.85	\$51,058.38	\$635.19	\$5,593.86				\$3,512.91	\$8,464.51
52	1	\$0.00	\$0.00							
53	11	\$30,838.95	\$14,597.39	\$7,798.02	\$1,996.48				\$6,447.05	
54A	11	\$22,980.20	\$11,837.75	\$7,788.38	\$3,354.07					

Table 3. Continued.

DMU	# of Claims	Total Appraised Loss	Corn ¹	Soybeans	Forage ²	Potatoes	Orchards ⁵	Nursery Stock	Other fruits and vegetables ³	Other ⁴
54B-CWD	1	\$613.73	\$530.01		\$83.72					
54C	3	\$5,152.60	\$1,606.00		\$408.41			\$250.00	\$2,888.19	
56	2	\$2,581.06	\$1,764.56				\$816.50			
57A	3	\$3,541.43	\$2,659.58		\$881.85					
57B	2	\$1,526.72		\$1,526.72						
57C	5	\$3,531.49	\$2,136.76	\$484.75	\$909.97					
58	3	\$18,369.08	\$7,270.57	\$2,961.49	\$1,417.65					\$6,719.37
59A	3	\$3,909.71	\$939.69				\$2,687.40			\$282.62
59B	1	\$551.00	\$551.00							
59C	15	\$50,985.42	\$32,197.94	\$13,761.11	\$148.99					\$4,877.37
59D	2	\$4,094.40	\$2,013.53	\$2,080.88						
60A	1	\$704.10	\$704.10							
60B	3	\$7,504.26	\$2,319.83	\$3,031.53						\$2,152.90
62A	14	\$66,715.76	\$8,172.13	\$31,769.33	\$2,699.85	\$587.50				\$23,486.95
62B	5	\$6,683.61	\$3,025.30	\$1,544.16	\$248.90	\$0.00				\$1,865.25
63A	20	\$83,217.49	\$55,131.76	\$23,789.44	\$2,976.38					\$1,319.91
63B	6	\$26,591.43	\$14,631.86	\$11,475.02	\$484.55					
64	6	\$21,301.36	\$9,779.93	\$6,361.59	\$691.16					\$4,468.68
64M	6	\$25,867.25	\$7,111.80	\$2,126.77	\$7,114.25			\$2,871.00		\$6,643.43
65A	1	\$1,399.88								\$1,399.88
65B	2	\$8,615.69	\$2,431.49	\$6,184.20						
66	22	\$88,768.11	\$53,520.56	\$22,775.56	\$5,463.73					\$7,008.26
67A	15	\$148,854.73	\$106,332.58	\$38,781.87	\$2,755.39					\$984.90
67B	14	\$69,825.62	\$55,770.47	\$13,719.67						\$335.48
68A	7	\$34,648.38	\$30,633.12	\$2,182.69						\$1,832.57
68B	6	\$36,866.98	\$8,063.21	\$3,454.81	\$898.56					\$24,450.39
69	3	\$9,925.31	\$500.30	\$2,152.58			\$5,664.46			\$1,607.97
70A	1	\$178.78	\$152.36		\$26.42					
70A-CWD	5	\$19,977.73	\$9,344.13	\$4,300.92	\$2,432.68					\$3,900.00
70-CWD	5	\$19,980.65	\$14,748.86	\$1,356.14	\$948.77				\$2,926.88	
70E	1	\$5,965.01	\$3,690.40	\$2,274.61						

Table 3. Continued.

DMU	# of Claims	Total Appraised Loss	Corn ¹	Soybeans	Forage ²	Potatoes	Orchards ⁵	Nursery Stock	Other fruits and vegetables ³	Other ⁴
70E-CWD	4	\$35,282.09	\$26,662.76	\$6,881.55	\$1,737.78					
70G-CWD	4	\$17,223.10	\$6,508.08	\$1,814.52			\$8,900.50			
71-CWD	19	\$139,398.82	\$55,514.97	\$15,668.00	\$3,673.13		\$7,568.00			\$56,974.72
73B	5	\$22,976.54	\$13,069.18	\$6,118.08	\$3,029.40					\$759.89
73D	7	\$87,074.93	\$52,013.69	\$5,830.44	\$29,230.80					
73E	8	\$31,871.29	\$21,218.28	\$3,686.59	\$6,966.42					
73E-CWD	1	\$1,607.87	\$602.14	\$1,005.72						
74A	4	\$16,002.86	\$4,191.77	\$728.46	\$234.03					\$10,848.60
74B	4	\$123,948.00					\$123,948.00			
75A-CWD	1	\$1,542.02	\$1,542.02							
75C-CWD	2	\$2,066.44	\$1,019.57	\$524.87	\$522.00					
76A-CWD	2	\$4,270.36	\$614.49	\$2,177.34						\$1,478.53
76-CWD	4	\$9,725.36	\$1,784.65	\$780.90			\$1,624.82	\$5,535.00		
76M-CWD	1	\$7,035.00						\$7,035.00		
77C	2	\$10,664.59	\$6,336.69	\$4,092.41	\$235.48					
77M	4	\$9,346.80	\$552.16	\$1,215.24	\$907.50			\$3,560.00	\$3,000.30	\$111.60
80B	5	\$8,526.68	\$714.50	\$4,047.85	\$18.00				\$3,746.33	
Totals	420	\$1,855,169.56	\$915,309.34	\$352,439.35	\$140,136.69	\$5,924.50	\$172,160.28	\$19,821.00	\$31,138.07	\$218,240.32

¹ Corn includes corn for grain, silage, and organic corn; 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.

³ Fruits and vegetables includes pumpkins, snap beans, carrots, strawberries, cucumbers, green beans, watermelon, squash, red peppers, snap peas, peas, musk melon, broccoli, onions, beets, and lettuce.

⁴ Other includes small grains, sweet corn, organic crops, flax, ginseng, straw, and sunflowers.

⁵ Orchards includes apples, cherries, and orchard trees.

Table 4. WDACP 2008 statewide deer damage crop appraisals summarized by crop category.

Crop	No. of Appraisals	Acres Appraised	Acres Damaged	Appraised Loss	Yield Lost	Yield unit of Measure
Corn ¹	304	28,733.93	2,556.03	\$915,309.34	172,970.70	bushels
Soybeans	175	12,001.82	1,515.68	\$352,439.35	30,661.36	bushels
Apples	14	722.00	635.00	\$191,542.28	*	
Forage ²	138	18,020.91	2,801.70	\$140,136.69	1,192.35	tons
Fruits and Vegetables ³	26	2,398.60	138.49	\$101,484.62	*	
Other ⁵	25	3,570.36	191.22	\$79,471.39	*	
Christmas Tree	5	241.00	212.00	\$38,954.57	*	
Nursery	6	39.00	6.00	\$19,821.00	*	
Small Grains ⁴	22	682.60	99.20	\$16,010.31	*	
Total		66,410.22	8,155.32	\$1,855,169.55		

* 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.

³ Fruits and vegetables includes potatoes, pumpkins, snap beans, carrots, strawberries, cucumbers, green beans, watermelon, squash, red peppers, snap peas, peas, musk melon, broccoli, onions, beets, and lettuce.

⁴ Small Grains includes oats and wheat

⁵ Other includes sweet corn, organic crops, flax, ginseng, straw, and sunflowers.

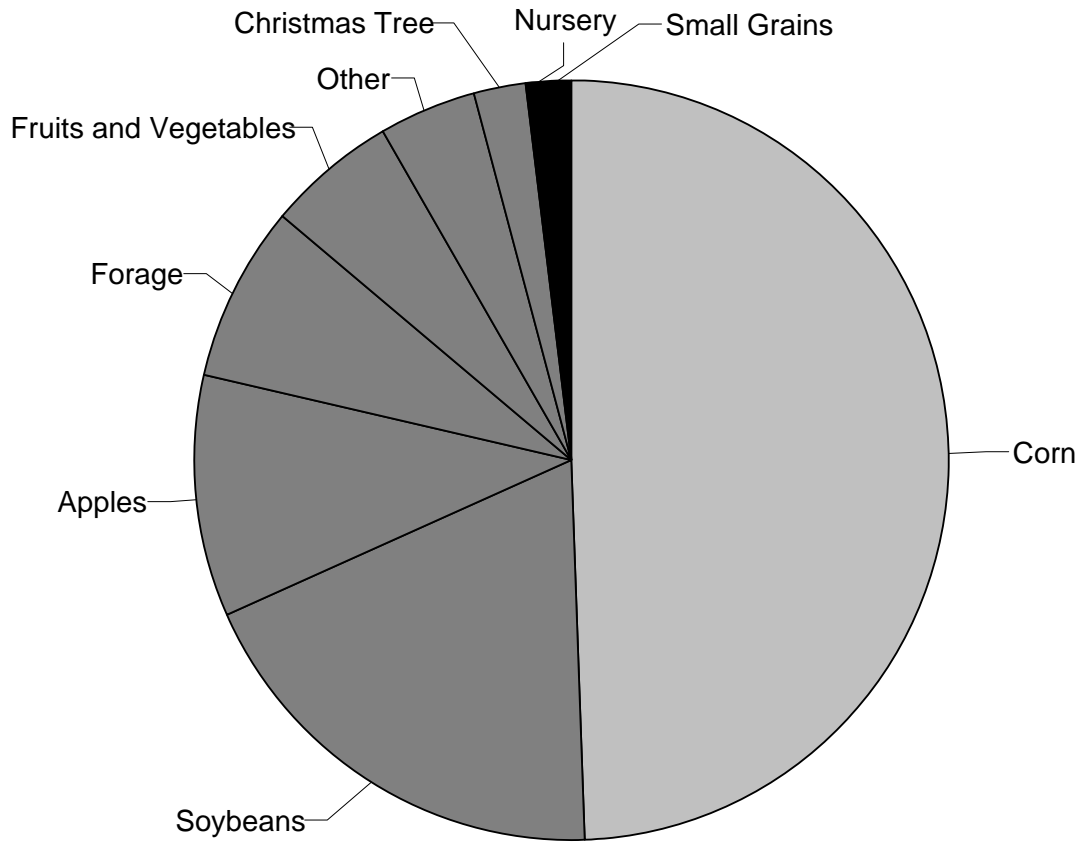


Figure 2. Value of statewide appraised deer damage losses recorded in the WDACP in 2008 by crop category. See Table 4 for a description of the crop categories.

Table 5. *Eight foot, high tensile, woven wire, deer barrier fence projects installed in 2008.*
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
Monroe	1	\$1,315.00	760	42	Cranberries
Oconto	1	\$13,650.00	4,300	18	Tree Seedlings
Pierce	1	\$13,950.00	5,554	42	Apples and Grapes
Shawano	1	\$2,755.50	2,550	15	Strawberries
Wood	1	\$11,263.25	6,824	85	Cranberries
Total		\$42,933.75	19,988	202	

(3.8 Miles)

Table 6. Numbers of deer and pounds of venison donated through Wisconsin Deer Donation 2008. Numbers of deer are based on phone surveys to participating processors in January 2009. 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	35	1,575	Marinette	117	5,265
Ashland	42	1,890	Marquette	0	0
Barron	164	7,380	Menominee	0	0
Bayfield	0	0	Milwaukee	43	1,935
Brown	146	6,570	Monroe	141	6,345
Buffalo	653	29,385	Oconto	72	3,240
Burnett	28	1,260	Oneida	43	1,935
Calumet	9	405	Outagamie	211	9,495
Chippewa	117	5,265	Ozaukee	69	3,105
Clark	29	1,305	Pepin	0	0
Columbia	0	0	Pierce	176	7,920
Crawford	61	2,745	Polk	166	7,470
Dane	0	0	Portage	97	4,365
Dodge	92	4,140	Price	0	0
Door	253	11,385	Racine	12	540
Douglas	39	1,755	Richland	0	0
Dunn	154	6,930	Rock	0	0
Eau Claire	67	3,015	Rusk	23	1,035
Florence	0	0	St. Croix	186	8,370
Fond du Lac	296	13,320	Sauk	0	0
Forest	15	675	Sawyer	97	4,365
Grant	281	12,645	Shawano	142	6,390
Green	0	0	Sheboygan	53	2,385
Green Lake	0	0	Taylor	32	1,440
Iowa	0	0	Trempealeau	466	20,970
Iron	0	0	Vernon	228	10,260
Jackson	214	9,630	Vilas	14	630
Jefferson	0	0	Walworth	0	0
Juneau	136	6,120	Washburn	0	0
Kenosha	0	0	Washington	79	3,555
Kewaunee	31	1,395	Waukesha	0	0
La Crosse	214	9,630	Waupaca	252	11,340
Lafayette	0	0	Waushara	137	6,165
Langlade	11	495	Winnebago	99	4,455
Lincoln	26	1,170	Wood	54	2,430
Manitowoc	42	1,890			
Marathon	103	4,635	Total	6,267	282,015