

**Table 3. Farm Production Expenses: 2002 and 1997**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Total farm production expenses	farms, 2002	90,648	845	566	1,083	819	636	1,192
	1997	96,697	834	609	1,027	862	684	1,284
	\$1,000, 2002	10,303,448	74,345	37,344	79,652	23,357	100,266	114,012
Average per farm	farms, 2002	8,677,056	64,133	36,482	57,141	24,011	90,354	116,682
	1997	113,664	87,982	65,979	73,547	28,519	157,652	95,647
	\$1,000, 2002	89,734	76,897	59,904	55,639	27,855	132,096	90,874
Fertilizer, lime, and soil conditioners purchased <sup>1</sup>	farms, 2002	61,514	625	379	536	474	409	889
	1997	67,656	632	380	609	457	512	817
	\$1,000, 2002	665,890	5,396	2,719	4,186	2,860	3,912	9,466
Chemicals purchased	farms, 2002	665,146	5,284	2,866	3,373	1,911	5,803	10,428
	1997	54,776	461	372	522	373	399	828
	\$1,000, 2002	66,869	610	397	577	427	525	914
Seeds, plants, vines, and trees	farms, 2002	464,509	4,795	2,590	2,047	910	4,241	8,315
	1997	546,735	4,541	2,638	2,265	1,257	5,600	9,347
	\$1,000, 2002	59,724	512	277	580	335	352	799
Livestock and poultry purchased	farms, 2002	70,900	635	364	683	429	551	942
	1997	603,316	5,611	2,473	3,148	1,431	4,778	7,692
	\$1,000, 2002	511,082	3,633	2,435	2,511	1,404	5,433	7,778
Breeding livestock purchased (see text)	farms, 2002	25,756	258	136	322	155	213	340
	1997	31,882	334	189	413	232	269	405
	\$1,000, 2002	1,854,227	11,579	6,393	8,453	1,934	24,811	12,643
Other livestock and poultry purchased	farms, 2002	1,283,094	8,728	5,201	4,281	2,529	17,951	14,392
	1997	13,436	200	91	197	110	127	166
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased	farms, 2002	100,883	742	295	1,369	367	1,310	1,800
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	16,372	154	71	172	71	135	221
Supplies, repairs, and maintenance	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	1,753,344	10,837	6,098	7,084	1,567	23,501	10,843
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Gasoline, fuels, and oils	farms, 2002	41,037	467	272	572	486	274	630
	1997	48,781	497	338	649	484	422	633
	\$1,000, 2002	1,922,817	7,658	5,786	13,300	2,766	19,763	13,833
Utilities (see text)	farms, 2002	1,604,170	12,234	5,318	13,311	3,750	17,150	13,579
	1997	87,485	837	566	1,059	789	636	1,112
	\$1,000, 2002	88,995	759	507	880	783	632	1,227
Supplies, repairs, and maintenance	farms, 2002	348,189	2,666	1,435	3,066	1,281	2,901	4,504
	1997	364,116	2,467	1,966	3,038	1,312	2,998	5,259
	\$1,000, 2002	62,217	553	348	690	521	448	832
Hired farm labor	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	215,675	1,676	775	2,396	715	2,243	2,430
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Contract labor	farms, 2002	81,393	769	520	986	730	606	1,109
	1997	82,231	701	466	928	673	595	1,060
	\$1,000, 2002	646,011	5,567	2,813	7,057	2,573	5,697	7,777
Customwork and custom hauling	farms, 2002	523,311	4,130	3,190	5,385	3,027	4,942	7,521
	1997	28,135	231	94	289	150	157	399
	\$1,000, 2002	34,352	286	206	331	239	296	496
Cash rent for land, buildings, and grazing fees <sup>2</sup>	farms, 2002	409,190	2,474	808	4,201	487	3,810	5,167
	1997	327,812	2,633	1,658	2,551	565	2,616	4,151
	\$1,000, 2002	6,425	125	30	35	75	49	65
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2002	6,438	41	33	56	64	52	52
	1997	37,829	333	107	58	227	418	248
	\$1,000, 2002	25,840	88	88	96	138	138	182
Interest expense	farms, 2002	30,366	234	195	294	212	197	394
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	160,788	1,073	1,117	1,357	301	959	2,256
Secured by real estate	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	34,940	291	150	326	155	232	600
	\$1,000, 2002	38,257	273	169	324	140	307	591
Not secured by real estate	farms, 2002	1,182,053	8,953	3,721	7,027	432	9,974	17,629
	1997	909,052	4,145	2,281	2,902	1,426	9,544	16,234
	\$1,000, 2002	8,558	51	66	106	47	96	95
Property taxes paid	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	68,636	751	326	389	234	537	921
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text)	farms, 2002	49,156	491	314	550	316	368	642
	1997	57,878	487	299	632	375	469	788
	\$1,000, 2002	704,077	6,161	2,631	9,199	2,989	6,044	9,164
Depreciation expenses claimed (see text)	farms, 2002	624,048	4,874	2,635	5,163	2,098	6,154	9,235
	1997	36,961	344	238	477	280	244	444
	\$1,000, 2002	38,830	366	205	400	290	365	522
Property taxes paid	farms, 2002	456,338	3,772	1,741	7,011	2,442	4,082	5,637
	1997	361,074	2,874	1,730	3,255	1,102	4,100	5,351
	\$1,000, 2002	30,368	279	157	299	139	235	442
All other production expenses (see text)	farms, 2002	37,784	333	188	413	172	313	561
	1997	247,739	2,388	891	2,188	547	1,961	3,527
	\$1,000, 2002	262,974	2,000	905	1,908	997	2,054	3,883
All other production expenses (see text)	farms, 2002	82,051	785	466	1,014	773	575	1,088
	1997	84,624	787	562	956	806	623	1,123
	\$1,000, 2002	346,765	2,967	1,844	4,293	2,267	2,891	3,847
All other production expenses (see text)	farms, 2002	252,699	2,545	1,806	2,711	1,454	2,127	3,556
	1997	64,832	664	350	748	499	417	887
	\$1,000, 2002	90,839	804	525	967	776	642	1,179
Depreciation expenses claimed (see text)	farms, 2002	673,475	6,685	1,804	9,474	1,949	7,287	8,119
	1997	735,663	6,535	2,965	6,388	2,354	7,141	10,022
	\$1,000, 2002	49,049	404	220	524	290	298	665
Depreciation expenses claimed (see text)	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	1,005,074	7,388	2,543	9,534	3,508	8,721	10,928
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Total farm production expenses	farms, 2002	938	830	961	1,065	826	1,073	765
	1997	1,061	919	1,048	1,205	903	1,157	828
	\$1,000, 2002	99,276	89,253	88,375	111,012	159,864	115,660	114,736
	1997	95,623	82,153	72,687	103,190	143,548	96,112	92,168
Average per farm	dollars, 2002	105,838	107,534	91,961	104,237	193,540	107,791	149,982
	1997	90,125	89,394	69,358	85,635	158,968	83,070	111,314
Fertilizer, lime, and soil conditioners purchased <sup>1</sup>	farms, 2002	735	569	667	785	622	695	568
	1997	801	677	778	919	735	826	743
	\$1,000, 2002	7,003	9,177	6,348	7,147	8,203	7,545	9,166
	1997	7,404	7,706	6,443	8,490	8,256	8,085	9,126
Chemicals purchased	farms, 2002	678	499	588	657	522	719	542
	1997	785	668	759	933	738	806	700
	\$1,000, 2002	4,974	6,053	5,431	5,125	5,463	6,981	5,503
	1997	7,185	6,820	5,441	7,658	7,267	7,459	6,593
Seeds, plants, vines, and trees	farms, 2002	702	545	610	815	650	725	521
	1997	810	675	768	943	732	854	743
	\$1,000, 2002	6,380	7,177	5,379	7,627	7,927	7,697	6,490
	1997	6,046	6,826	4,792	6,565	6,601	6,387	6,158
Livestock and poultry purchased	farms, 2002	214	153	287	322	252	315	156
	1997	332	248	392	519	348	457	205
	\$1,000, 2002	13,114	9,092	11,174	10,445	36,335	11,243	21,819
	1997	9,892	9,002	7,293	11,482	30,718	14,738	15,788
Breeding livestock purchased (see text)	farms, 2002	80	84	129	107	96	106	67
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	712	682	809	646	839	335	327
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other livestock and poultry purchased	farms, 2002	169	97	213	265	202	226	119
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	12,402	8,410	10,365	9,799	35,496	10,908	21,492
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased	farms, 2002	329	275	435	576	346	463	244
	1997	469	431	558	606	463	608	262
	\$1,000, 2002	15,041	8,639	15,040	22,551	44,134	21,042	19,952
	1997	16,908	10,034	9,176	17,019	39,824	14,201	13,305
Gasoline, fuels, and oils	farms, 2002	925	828	961	1,054	762	1,051	704
	1997	1,020	868	987	1,156	837	1,013	770
	\$1,000, 2002	3,669	4,101	3,123	4,094	5,149	4,047	3,453
	1997	4,033	3,290	3,592	4,722	4,973	3,746	4,270
Utilities (see text)	farms, 2002	692	562	682	779	611	712	518
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	1,904	2,347	1,896	2,339	3,106	2,450	2,075
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Supplies, repairs, and maintenance	farms, 2002	863	772	831	1,036	725	1,012	607
	1997	957	853	953	1,069	824	931	704
	\$1,000, 2002	7,121	4,970	5,290	7,628	8,426	7,381	7,262
	1997	5,660	5,325	5,232	6,390	7,483	5,007	5,626
Hired farm labor	farms, 2002	323	290	341	424	301	393	339
	1997	340	375	427	577	439	418	381
	\$1,000, 2002	7,183	4,574	2,979	4,500	5,074	7,447	3,862
	1997	4,653	4,732	2,644	4,592	4,689	2,752	2,433
Contract labor	farms, 2002	48	142	66	105	50	71	28
	1997	69	76	35	39	100	81	32
	\$1,000, 2002	312	314	190	232	936	638	357
	1997	274	384	115	81	476	246	54
Customwork and custom hauling	farms, 2002	351	244	430	375	306	382	284
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	1,457	1,001	1,622	1,678	2,049	2,273	1,430
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cash rent for land, buildings, and grazing fees <sup>2</sup>	farms, 2002	446	295	393	424	391	474	291
	1997	473	386	453	538	460	497	326
	\$1,000, 2002	14,875	12,528	12,445	15,151	13,926	15,529	12,120
	1997	13,301	10,584	10,470	12,556	11,616	13,447	7,960
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2002	73	107	95	96	120	62	106
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	704	520	351	1,403	563	660	1,400
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Interest expense	farms, 2002	435	408	569	642	535	554	428
	1997	637	501	673	763	589	688	585
	\$1,000, 2002	5,666	9,862	8,074	9,048	7,564	9,960	8,666
	1997	6,685	4,571	5,973	7,730	7,251	7,046	6,965
Secured by real estate	farms, 2002	260	322	451	486	323	457	367
	1997	458	296	416	521	311	435	378
	\$1,000, 2002	3,501	5,532	4,842	6,378	3,633	7,068	5,753
	1997	4,190	2,664	3,743	5,121	3,516	4,073	4,306
Not secured by real estate	farms, 2002	294	240	352	403	395	412	295
	1997	402	342	433	503	440	447	360
	\$1,000, 2002	2,165	4,330	3,232	2,670	3,932	2,891	2,913
	1997	2,496	1,906	2,230	2,609	3,735	2,972	2,659
Property taxes paid	farms, 2002	832	665	849	951	697	927	685
	1997	983	796	939	1,019	695	982	723
	\$1,000, 2002	3,547	3,432	3,754	4,173	3,157	3,092	3,575
	1997	3,154	2,405	2,555	3,479	2,349	2,824	2,210
All other production expenses (see text)	farms, 2002	670	570	686	866	621	717	660
	1997	1,016	872	988	1,125	874	1,083	786
	\$1,000, 2002	6,326	5,468	5,278	7,871	7,853	7,676	7,606
	1997	7,583	7,526	6,207	8,906	8,826	7,229	7,822
Depreciation expenses claimed (see text)	farms, 2002	583	410	613	721	552	625	446
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	13,047	10,026	10,841	15,547	14,550	10,914	11,756
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke	
Total farm production expenses	farms, 2002	1,044	766	974	793	837	954	727	
	1997	1,150	851	1,020	881	929	977	737	
	\$1,000, 2002	225,830	98,285	97,444	87,852	122,479	114,325	49,040	
	1997	166,627	72,060	95,156	89,023	106,736	89,386	35,212	
Average per farm	dollars, 2002	216,312	128,309	100,046	110,785	146,330	119,837	67,455	
	1997	144,893	84,677	93,290	101,048	114,894	91,490	47,778	
	<b>Fertilizer, lime, and soil conditioners purchased<sup>1</sup></b>								
	farms, 2002	808	586	723	618	701	717	367	
1997	931	673	722	635	722	682	421		
\$1,000, 2002	7,952	5,854	8,432	8,021	7,392	7,015	1,649		
1997	8,290	5,296	8,076	8,420	7,201	6,648	1,531		
Chemicals purchased	farms, 2002	786	486	646	539	613	581	336	
	1997	904	655	735	634	727	643	448	
	\$1,000, 2002	7,350	4,135	5,294	6,683	5,277	4,541	1,449	
	1997	7,698	4,986	7,315	6,504	6,480	5,703	1,375	
Seeds, plants, vines, and trees	farms, 2002	814	517	666	568	673	718	356	
	1997	948	685	748	670	789	731	455	
	\$1,000, 2002	6,732	5,268	6,763	7,600	6,145	6,793	1,655	
	1997	6,983	4,506	6,834	6,857	5,619	5,243	1,404	
Livestock and poultry purchased	farms, 2002	358	245	209	165	274	326	186	
	1997	480	263	380	205	390	330	226	
	\$1,000, 2002	73,064	24,749	11,235	6,292	30,636	25,079	4,608	
	1997	48,298	13,738	11,270	7,015	20,193	14,748	3,825	
Breeding livestock purchased (see text)	farms, 2002	129	203	139	97	139	129	149	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
	\$1,000, 2002	1,646	1,319	386	575	989	1,210	2,282	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Other livestock and poultry purchased	farms, 2002	259	144	108	106	230	237	51	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
	\$1,000, 2002	71,418	23,430	10,849	5,717	29,647	23,869	2,326	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Feed purchased	farms, 2002	502	428	407	253	446	420	367	
	1997	649	472	490	309	570	489	430	
	\$1,000, 2002	56,249	14,130	10,393	9,422	23,301	17,144	15,709	
	1997	36,212	8,334	11,704	11,519	18,513	14,888	9,086	
Gasoline, fuels, and oils	farms, 2002	1,007	726	934	780	741	898	688	
	1997	1,094	829	928	790	892	961	685	
	\$1,000, 2002	5,008	3,515	3,899	3,988	3,523	4,197	1,260	
	1997	5,166	2,765	4,467	4,382	3,983	4,143	1,362	
Utilities (see text)	farms, 2002	844	499	652	518	620	678	433	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
	\$1,000, 2002	3,591	1,913	2,341	1,675	2,479	2,671	2,185	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Supplies, repairs, and maintenance	farms, 2002	947	700	857	673	695	826	669	
	1997	1,030	761	799	753	843	826	601	
	\$1,000, 2002	9,219	7,575	7,136	6,085	6,009	7,713	3,348	
	1997	8,185	4,463	5,912	5,166	6,324	5,175	2,034	
Hired farm labor	farms, 2002	465	223	306	321	246	467	157	
	1997	538	260	372	350	430	391	266	
	\$1,000, 2002	6,224	3,175	4,009	4,153	2,209	6,306	5,522	
	1997	3,932	2,072	4,012	4,203	3,503	2,932	1,600	
Contract labor	farms, 2002	59	98	56	12	34	161	22	
	1997	134	47	73	50	49	63	67	
	\$1,000, 2002	710	200	272	383	41	640	27	
	1997	331	131	598	314	215	383	161	
Customwork and custom hauling	farms, 2002	353	284	310	230	351	368	254	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
	\$1,000, 2002	1,813	1,392	1,580	1,468	1,935	1,923	574	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Cash rent for land, buildings, and grazing fees <sup>2</sup>	farms, 2002	533	295	424	398	470	357	103	
	1997	527	422	445	455	532	429	180	
	\$1,000, 2002	19,317	8,034	15,999	16,759	16,229	12,778	1,335	
	1997	13,630	8,867	12,119	15,301	11,670	10,020	1,201	
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2002	108	81	42	142	68	55	61	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
	\$1,000, 2002	666	638	491	1,009	608	385	402	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Interest expense	farms, 2002	602	431	553	361	562	478	364	
	1997	813	545	585	530	631	602	416	
	\$1,000, 2002	10,066	7,865	8,252	5,888	6,146	6,744	3,840	
	1997	10,010	5,650	6,991	5,130	7,408	6,140	2,898	
Secured by real estate	farms, 2002	476	334	361	254	363	356	245	
	1997	454	343	399	306	391	406	315	
	\$1,000, 2002	6,100	3,928	4,300	3,797	3,344	3,920	3,119	
	1997	4,796	2,884	4,090	2,562	4,612	3,315	1,692	
Not secured by real estate	farms, 2002	324	311	395	269	384	289	242	
	1997	541	430	400	379	415	394	215	
	\$1,000, 2002	3,966	3,937	3,952	2,091	2,802	2,824	721	
	1997	5,214	2,766	2,901	2,567	2,796	2,825	1,206	
Property taxes paid	farms, 2002	932	676	861	692	701	911	706	
	1997	953	750	836	699	783	879	690	
	\$1,000, 2002	5,798	3,323	4,361	2,793	3,106	3,791	2,429	
	1997	3,118	2,376	3,490	2,486	2,541	2,382	1,962	
All other production expenses (see text)	farms, 2002	802	537	661	599	625	757	505	
	1997	1,124	796	976	829	880	916	690	
	\$1,000, 2002	12,070	6,520	6,988	5,632	7,442	6,604	3,048	
	1997	10,892	5,966	8,448	8,375	9,514	7,676	3,887	
Depreciation expenses claimed (see text)	farms, 2002	725	329	592	407	486	571	380	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
	\$1,000, 2002	18,989	8,214	12,040	9,391	9,743	11,452	6,725	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	

See footnote(s) at end of table.

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**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Total farm production expenses	farms, 2002 691	1,607	1,220	924	939	1,007	789
	1997 703	1,740	1,353	1,171	998	962	804
	\$1,000, 2002 129,245	137,918	118,840	129,361	81,089	47,101	42,556
	1997 82,992	123,885	114,206	112,331	74,301	45,779	41,757
Average per farm	dollars, 2002 187,041	85,823	97,410	140,001	86,357	46,774	53,937
	1997 118,055	71,198	84,409	95,927	74,449	47,587	51,936
Fertilizer, lime, and soil conditioners purchased <sup>1</sup>	farms, 2002 522	876	885	638	645	497	366
	1997 577	1,056	944	844	597	558	405
	\$1,000, 2002 7,566	7,659	10,345	8,693	6,872	3,560	2,517
	1997 7,142	7,567	9,928	9,565	6,469	2,499	1,935
Chemicals purchased	farms, 2002 464	828	828	594	587	282	349
	1997 534	1,094	1,000	882	654	469	345
	\$1,000, 2002 4,530	4,230	7,771	6,012	5,474	1,941	1,797
	1997 5,082	5,647	7,225	8,194	5,329	1,655	1,307
Seeds, plants, vines, and trees	farms, 2002 541	845	921	539	650	446	357
	1997 626	1,195	1,027	886	681	515	377
	\$1,000, 2002 6,956	6,330	7,809	7,511	6,636	2,983	1,709
	1997 5,587	6,454	7,065	6,704	5,261	1,392	1,256
Livestock and poultry purchased	farms, 2002 208	389	367	274	173	310	276
	1997 218	645	602	438	236	389	204
	\$1,000, 2002 18,521	16,232	19,344	26,987	9,420	5,974	6,454
	1997 11,498	11,075	20,666	21,136	6,753	5,306	6,584
Breeding livestock purchased (see text)	farms, 2002 82	232	157	143	98	233	175
	1997 (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002 1,507	1,513	795	748	215	661	623
	1997 (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other livestock and poultry purchased	farms, 2002 149	222	252	167	101	165	115
	1997 (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002 17,014	14,719	18,549	26,239	9,205	5,313	5,831
	1997 (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased	farms, 2002 299	914	572	423	354	559	521
	1997 368	1,076	755	675	428	610	453
	\$1,000, 2002 39,611	27,559	9,681	19,280	9,611	7,923	8,732
	1997 13,539	30,393	14,211	14,877	8,038	14,361	13,141
Gasoline, fuels, and oils	farms, 2002 689	1,590	1,219	856	921	979	763
	1997 667	1,607	1,240	1,058	943	875	732
	\$1,000, 2002 4,455	6,062	4,153	4,069	2,822	1,819	2,132
	1997 3,457	6,081	4,808	4,341	3,281	2,221	1,612
Utilities (see text)	farms, 2002 523	1,090	931	694	722	708	494
	1997 (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002 3,002	3,897	2,284	2,184	1,685	1,079	972
	1997 (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Supplies, repairs, and maintenance	farms, 2002 636	1,530	1,161	850	853	956	718
	1997 653	1,399	1,166	1,016	788	849	642
	\$1,000, 2002 8,067	12,346	7,679	7,034	6,180	3,853	5,470
	1997 5,091	8,797	6,549	7,264	5,604	3,483	2,442
Hired farm labor	farms, 2002 213	457	431	247	260	188	187
	1997 309	628	543	403	339	293	179
	\$1,000, 2002 4,758	5,829	3,539	3,399	3,317	1,321	1,161
	1997 3,326	5,238	2,890	3,432	6,494	1,980	1,290
Contract labor	farms, 2002 23	82	42	67	71	98	75
	1997 46	114	72	62	61	77	83
	\$1,000, 2002 696	296	195	175	96	312	195
	1997 404	315	252	176	1,868	172	144
Customwork and custom hauling	farms, 2002 233	463	510	388	405	347	239
	1997 (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002 994	3,171	2,806	2,519	2,282	645	960
	1997 (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cash rent for land, buildings, and grazing fees <sup>2</sup>	farms, 2002 322	442	640	469	285	268	272
	1997 350	553	589	486	371	170	193
	\$1,000, 2002 12,807	11,498	22,723	16,238	10,219	3,925	1,828
	1997 9,482	7,433	17,428	12,634	7,899	1,708	1,646
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2002 121	103	149	160	88	62	67
	1997 (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002 1,013	1,237	603	1,526	699	721	314
	1997 (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Interest expense	farms, 2002 425	811	647	555	441	564	317
	1997 472	1,126	821	708	532	570	359
	\$1,000, 2002 6,592	14,527	8,317	10,806	5,459	4,881	2,996
	1997 5,946	10,917	8,281	8,412	4,659	2,964	2,981
Secured by real estate	farms, 2002 301	695	453	480	311	501	254
	1997 327	822	586	449	367	430	269
	\$1,000, 2002 4,168	10,419	4,749	7,374	3,870	3,025	2,043
	1997 3,378	7,046	5,098	4,518	2,623	2,030	2,049
Not secured by real estate	farms, 2002 286	480	427	282	256	311	221
	1997 318	675	535	550	289	322	151
	\$1,000, 2002 2,425	4,108	3,567	3,431	1,589	1,856	953
	1997 2,569	3,871	3,183	3,894	2,036	934	932
Property taxes paid	farms, 2002 626	1,499	1,056	845	976	976	775
	1997 596	1,583	1,163	1,019	862	912	757
	\$1,000, 2002 2,627	5,614	4,144	4,979	3,819	2,685	2,515
	1997 1,856	4,661	3,216	3,368	2,863	1,966	1,592
All other production expenses (see text)	farms, 2002 519	1,038	964	706	731	757	508
	1997 686	1,627	1,307	1,124	885	893	720
	\$1,000, 2002 7,049	11,432	7,445	7,948	6,499	3,480	2,803
	1997 7,733	13,527	7,698	8,264	7,317	4,644	4,640
Depreciation expenses claimed (see text)	farms, 2002 470	841	717	464	530	479	330
	1997 (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002 13,462	17,813	11,991	9,426	8,231	16,232	4,922
	1997 (NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Total farm production expenses	farms, 2002	1,045	989	1,045	1,050	849	461	826	624
	1997	1,203	1,069	1,084	1,062	976	532	872	739
	\$1,000, 2002	216,155	58,822	118,036	48,837	116,312	34,424	134,950	83,961
	1997	147,276	59,381	108,259	50,576	83,672	38,989	126,595	73,632
Average per farm	farms, 2002	206,846	59,476	112,953	46,511	136,999	74,673	163,378	134,553
	1997	122,424	55,548	99,870	47,624	85,729	73,289	145,178	99,637
	farms, 2002	784	651	671	520	579	340	621	495
	1997	863	622	695	630	646	406	598	577
\$1,000, 2002	7,069	4,117	7,512	4,212	8,501	4,692	6,428	8,032	8,032
	1997	7,744	3,600	6,541	4,404	7,651	3,997	5,763	8,035
	farms, 2002	731	630	668	464	491	270	560	438
	1997	889	618	715	592	733	392	608	543
\$1,000, 2002	4,788	2,925	4,333	3,226	7,500	3,538	5,353	5,379	5,379
	1997	6,279	3,593	5,571	3,883	7,831	4,296	5,417	6,650
	farms, 2002	770	643	651	559	561	358	645	466
	1997	911	622	731	733	663	419	680	563
\$1,000, 2002	7,919	3,938	6,125	3,890	8,654	5,111	7,576	6,861	6,861
	1997	6,766	3,385	4,986	4,172	5,740	3,310	5,336	6,743
	farms, 2002	547	297	329	187	258	61	251	207
	1997	576	317	408	200	295	148	446	253
\$1,000, 2002	70,040	6,592	23,472	3,523	14,968	1,111	27,466	14,035	14,035
	1997	34,845	5,113	20,442	5,681	8,258	3,421	21,104	11,803
	farms, 2002	211	219	181	137	123	32	104	155
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	2,488	880	998	439	700	(D)	1,578	1,241	(NA)
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	farms, 2002	482	121	218	83	171	38	204	77
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	67,552	5,711	22,475	3,084	14,269	(D)	25,888	12,794	(NA)
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	farms, 2002	635	550	491	366	406	116	340	308
	1997	778	615	595	379	403	261	505	388
\$1,000, 2002	56,263	10,405	27,164	6,790	12,822	250	27,066	6,978	6,978
	1997	35,120	15,055	26,949	5,200	8,658	2,443	34,860	7,706
	farms, 2002	1,044	954	987	997	814	430	715	607
	1997	1,150	980	978	948	858	499	811	678
\$1,000, 2002	4,887	1,928	3,395	2,058	4,802	1,504	4,450	2,877	2,877
	1997	5,196	2,482	3,811	2,851	3,914	2,009	4,637	3,153
	farms, 2002	822	614	740	634	601	349	501	460
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	3,835	1,349	2,445	1,285	2,598	799	2,188	1,463	1,463
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	farms, 2002	974	872	912	928	712	416	650	547
	1997	1,110	873	814	885	769	446	717	593
\$1,000, 2002	8,283	3,957	6,631	3,711	8,881	2,937	7,763	6,176	6,176
	1997	7,446	4,213	6,279	3,744	4,944	3,107	5,471	4,385
	farms, 2002	374	214	309	197	367	129	315	213
	1997	482	302	345	270	340	183	337	255
\$1,000, 2002	5,560	2,964	3,933	2,958	7,614	1,014	6,560	2,558	2,558
	1997	3,792	2,905	4,117	1,890	3,790	725	6,095	2,401
	farms, 2002	37	99	87	115	54	14	66	95
	1997	27	62	40	78	55	30	73	82
\$1,000, 2002	171	235	448	759	351	41	981	630	630
	1997	157	141	212	106	224	78	575	278
	farms, 2002	412	321	311	327	286	154	330	258
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	2,683	795	2,088	1,575	3,280	1,032	1,678	1,841	1,841
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	farms, 2002	527	268	329	203	319	118	360	307
	1997	612	367	340	315	349	219	441	249
\$1,000, 2002	16,735	6,268	11,325	1,929	16,685	3,756	19,340	12,407	12,407
	1997	12,124	2,961	6,880	4,538	11,948	4,509	11,681	7,507
	farms, 2002	93	80	123	19	100	90	76	77
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	608	315	314	147	1,073	567	703	631	631
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	farms, 2002	747	448	541	419	398	232	481	432
	1997	855	531	706	570	572	309	602	409
\$1,000, 2002	11,540	4,533	7,487	4,050	6,471	3,177	7,096	5,375	5,375
	1997	10,000	4,770	7,417	4,677	5,344	3,265	8,928	4,332
	farms, 2002	533	325	435	319	316	169	356	276
	1997	467	420	431	397	392	212	406	255
\$1,000, 2002	6,639	3,087	4,820	2,949	4,426	1,677	4,426	3,223	3,223
	1997	4,845	3,111	4,872	2,541	2,993	1,826	5,615	2,353
	farms, 2002	558	248	320	191	250	142	311	266
	1997	665	278	512	308	345	203	405	299
\$1,000, 2002	4,901	1,447	2,668	1,101	2,045	1,500	2,670	2,152	2,152
	1997	5,155	1,659	2,843	2,136	2,350	1,439	3,313	1,978
	farms, 2002	959	933	974	1,004	779	448	749	574
	1997	1,019	1,000	951	962	847	496	705	568
\$1,000, 2002	3,352	2,995	4,228	3,821	4,680	2,129	3,095	3,187	3,187
	1997	2,368	2,377	3,281	2,329	2,444	1,742	2,215	2,044
	farms, 2002	831	672	671	611	707	353	596	496
	1997	1,183	983	1,035	983	952	500	816	687
\$1,000, 2002	12,420	5,507	7,135	4,905	7,432	2,767	7,209	5,530	5,530
	1997	11,240	6,313	7,758	4,929	9,069	4,456	11,425	5,439
	farms, 2002	681	446	482	468	524	314	531	367
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	19,089	5,543	9,834	6,410	13,769	3,478	12,678	7,836	7,836
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Total farm production expenses	farms, 2002	709	584	814	992	633	875	780	1,338
	1997	737	615	844	1,009	676	901	831	1,565
	\$1,000, 2002	38,752	67,898	63,416	168,196	127,132	57,646	162,167	228,299
Average per farm	farms, 2002	30,580	56,192	58,998	125,759	98,029	50,421	104,585	178,767
	1997	54,657	116,264	77,907	169,552	200,841	65,881	207,907	170,627
	\$1,000, 2002	41,493	91,370	69,903	124,638	145,013	55,961	125,854	114,228
Fertilizer, lime, and soil conditioners purchased <sup>1</sup>	farms, 2002	452	414	506	821	463	690	591	1,119
	1997	399	439	587	844	572	648	673	1,125
	\$1,000, 2002	2,636	4,382	5,868	8,190	6,190	6,035	6,794	11,923
Chemicals purchased	farms, 2002	2,014	4,843	5,606	8,015	6,313	4,966	7,913	10,783
	1997	374	432	444	678	471	619	644	896
	\$1,000, 2002	379	457	619	790	525	644	683	1,150
Seeds, plants, vines, and trees	farms, 2002	1,523	3,363	3,829	4,673	3,802	4,449	4,630	7,607
	1997	1,361	4,087	4,564	7,107	4,891	4,513	6,812	9,502
	\$1,000, 2002	433	351	522	787	547	672	669	992
Livestock and poultry purchased	farms, 2002	396	455	613	892	586	672	672	1,160
	1997	2,175	7,461	5,097	8,208	7,148	5,542	6,236	10,260
	\$1,000, 2002	1,479	4,408	3,918	7,260	5,230	4,111	6,155	8,398
Breeding livestock purchased (see text)	farms, 2002	241	185	208	392	186	211	208	434
	1997	245	156	245	431	213	279	216	634
	\$1,000, 2002	7,117	12,510	5,653	44,254	26,254	8,188	39,720	58,543
Other livestock and poultry purchased	farms, 2002	3,216	6,807	5,191	23,670	18,488	5,556	15,281	39,197
	1997	174	135	103	130	46	47	151	209
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased	farms, 2002	475	549	607	1,228	1,106	512	483	2,090
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	98	93	121	308	158	93	179	306
Supplies, repairs, and maintenance	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	6,643	11,961	5,047	43,026	25,148	7,676	39,237	56,452
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Gasoline, fuels, and oils	farms, 2002	363	316	384	480	228	449	251	639
	1997	396	279	393	547	281	455	334	857
	\$1,000, 2002	4,210	8,315	8,796	40,246	35,314	4,743	46,978	51,592
Utilities (see text)	farms, 2002	6,002	9,674	7,475	26,368	23,895	4,800	22,066	38,296
	1997	709	546	796	969	601	867	770	1,323
	\$1,000, 2002	665	519	709	1,008	668	830	806	1,431
Supplies, repairs, and maintenance	farms, 2002	1,443	2,442	2,495	5,272	3,544	2,200	3,710	5,846
	1997	1,464	2,023	3,131	4,800	3,468	2,400	4,176	6,255
	\$1,000, 2002	503	426	555	741	472	670	581	1,033
Hired farm labor	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	1,234	1,302	1,401	3,183	2,506	1,595	3,090	4,506
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Contract labor	farms, 2002	657	513	726	867	505	805	712	1,263
	1997	600	469	707	913	589	713	753	1,373
	\$1,000, 2002	3,045	6,251	4,517	8,092	5,997	4,414	6,878	11,245
Customwork and custom hauling	farms, 2002	2,305	3,569	3,953	6,232	4,170	3,868	5,474	10,092
	1997	144	131	215	308	202	250	268	477
	\$1,000, 2002	185	212	244	461	185	275	383	560
Cash rent for land, buildings, and grazing fees <sup>2</sup>	farms, 2002	1,857	5,921	2,433	3,093	4,901	2,137	4,335	7,439
	1997	999	2,882	2,520	3,136	3,138	2,577	4,282	4,767
	\$1,000, 2002	64	62	35	117	49	43	39	121
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2002	88	23	37	81	65	40	33	152
	1997	208	121	198	765	805	51	1,298	956
	\$1,000, 2002	429	242	80	349	376	174	311	659
Interest expense	farms, 2002	190	169	227	418	312	385	223	569
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	716	1,444	849	2,355	1,214	1,388	1,446	2,918
Secured by real estate	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	123	250	243	563	345	300	385	721
	\$1,000, 2002	171	181	378	604	412	212	365	737
Not secured by real estate	farms, 2002	2,342	6,743	9,022	16,422	11,777	3,707	16,652	22,996
	1997	1,469	4,106	9,053	14,516	10,304	2,876	8,301	18,496
	\$1,000, 2002	37	45	49	156	60	77	138	113
Property taxes paid	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	119	236	464	1,171	585	140	1,224	1,173
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
All other production expenses (see text)	farms, 2002	339	311	353	689	423	504	463	850
	1997	428	381	500	777	450	475	500	929
	\$1,000, 2002	3,511	3,097	4,686	9,903	6,356	5,506	6,728	14,080
Depreciation expenses claimed (see text)	farms, 2002	3,053	3,958	4,901	8,654	6,229	3,924	8,559	10,648
	1997	277	195	288	510	356	431	354	678
	\$1,000, 2002	338	257	322	436	266	320	327	625
Property taxes paid	farms, 2002	2,551	1,492	3,546	6,495	4,287	4,046	4,008	7,945
	1997	1,887	2,448	2,967	4,559	3,326	2,220	4,389	5,359
	\$1,000, 2002	164	207	237	421	229	274	256	546
All other production expenses (see text)	farms, 2002	246	250	318	550	346	331	353	594
	1997	960	1,605	1,140	3,409	2,069	1,460	2,720	6,135
	\$1,000, 2002	1,166	1,510	1,934	4,094	2,903	1,704	4,169	5,289
All other production expenses (see text)	farms, 2002	665	499	750	907	610	835	649	1,235
	1997	707	534	685	805	548	828	690	1,394
	\$1,000, 2002	2,330	1,660	3,827	3,103	2,380	2,996	2,411	4,445
Depreciation expenses claimed (see text)	farms, 2002	1,480	2,317	2,059	2,028	1,452	2,329	2,649	3,710
	1997	534	402	548	831	453	624	534	1,050
	\$1,000, 2002	700	538	764	1,009	646	809	815	1,484
All other production expenses (see text)	farms, 2002	4,286	2,651	4,282	9,267	8,358	4,556	10,038	12,769
	1997	3,011	5,260	5,036	9,939	7,988	4,943	8,467	12,630
	\$1,000, 2002	318	329	407	737	404	543	448	903
All other production expenses (see text)	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	5,096	5,709	6,275	14,768	11,099	6,993	15,023	19,696
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Total farm production expenses	farms, 2002	729	765	1,253	924	761	789	753	865
	1997	811	888	1,417	1,001	729	849	844	959
	\$1,000, 2002	108,021	52,572	140,653	81,637	45,842	156,063	86,032	104,146
Average per farm	farms, 2002	85,418	43,521	137,842	72,461	41,201	140,667	73,515	95,243
	1997	148,177	68,722	112,253	88,352	60,239	197,798	114,252	120,400
	dollars, 2002	105,325	49,010	97,277	72,388	56,517	165,685	87,103	99,315
Fertilizer, lime, and soil conditioners purchased <sup>1</sup>	farms, 2002	600	472	887	598	424	684	520	726
	1997	758	507	1,165	615	379	712	707	827
	\$1,000, 2002	9,805	6,106	12,181	6,568	2,619	7,790	7,554	7,358
Chemicals purchased	farms, 2002	9,375	4,257	12,614	5,720	2,324	9,116	6,733	8,855
	1997	544	376	925	568	329	615	510	654
	\$1,000, 2002	700	567	1,108	642	384	684	699	838
Seeds, plants, vines, and trees	farms, 2002	6,658	3,175	9,036	4,634	1,884	5,926	5,042	5,739
	1997	6,739	4,201	11,357	4,949	1,803	7,318	5,597	7,484
	\$1,000, 2002	596	509	888	585	361	625	496	663
Livestock and poultry purchased	farms, 2002	761	598	1,151	665	417	700	680	855
	1997	7,561	5,592	10,371	6,064	2,309	9,575	6,174	6,004
	\$1,000, 2002	6,966	4,251	10,063	4,612	1,601	6,579	4,172	6,594
Breeding livestock purchased (see text)	farms, 2002	125	169	269	243	183	253	218	340
	1997	186	194	431	316	196	236	253	413
	\$1,000, 2002	13,172	2,823	29,320	8,265	6,451	35,910	9,833	20,099
Other livestock and poultry purchased	farms, 2002	8,723	2,544	24,578	6,359	3,290	23,485	6,979	14,530
	1997	76	89	125	163	135	68	90	164
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased	farms, 2002	785	177	600	656	2,580	526	196	1,609
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	62	112	159	122	56	222	143	222
Supplies, repairs, and maintenance	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	12,387	2,646	28,719	7,609	3,871	35,385	9,638	18,490
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Gasoline, fuels, and oils	farms, 2002	171	229	529	396	428	322	335	414
	1997	233	395	700	549	431	377	362	639
	\$1,000, 2002	16,268	2,257	12,223	11,466	9,139	31,704	11,159	13,814
Utilities (see text)	farms, 2002	12,162	2,448	12,283	10,086	11,101	31,915	8,351	13,709
	1997	728	709	1,203	889	752	775	740	865
	\$1,000, 2002	805	826	1,305	855	607	815	768	893
Supplies, repairs, and maintenance	farms, 2002	4,673	2,381	5,107	2,954	1,938	4,356	3,156	3,430
	1997	3,937	2,167	5,454	4,201	2,125	4,363	3,653	4,027
	\$1,000, 2002	559	440	947	608	450	562	486	695
Hired farm labor	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	3,407	1,212	2,446	2,608	1,170	2,081	1,592	1,800
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Contract labor	farms, 2002	677	653	1,141	837	639	725	699	816
	1997	743	681	1,311	831	585	727	711	883
	\$1,000, 2002	7,496	3,531	8,742	6,073	3,114	6,175	5,216	6,405
Customwork and custom hauling	farms, 2002	6,473	3,311	8,859	6,056	2,572	6,273	4,531	5,323
	1997	273	211	379	181	196	257	177	401
	\$1,000, 2002	391	261	521	299	133	481	204	373
Cash rent for land, buildings, and grazing fees <sup>2</sup>	farms, 2002	3,358	5,132	3,378	4,594	2,818	5,440	3,224	5,590
	1997	2,166	3,160	4,575	4,122	2,085	6,467	2,651	2,380
	\$1,000, 2002	30	144	130	74	59	32	26	97
Contract labor	farms, 2002	80	43	63	50	117	29	72	50
	1997	578	949	367	285	136	253	59	209
	\$1,000, 2002	378	116	90	751	115	263	171	133
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2002	214	218	453	290	216	252	267	279
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	1,540	1,205	2,080	1,407	881	1,882	1,295	1,728
Interest expense	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	396	181	552	319	140	411	345	471
	\$1,000, 2002	420	265	708	380	176	501	398	538
Secured by real estate	farms, 2002	16,059	5,097	21,171	8,527	2,937	23,956	16,496	15,690
	1997	9,953	5,859	18,004	8,435	1,968	17,190	14,339	11,416
	\$1,000, 2002	111	102	131	74	63	83	40	93
Not secured by real estate	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	662	550	1,157	396	268	1,181	647	398
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Property taxes paid	farms, 2002	437	369	731	603	353	363	355	507
	1997	559	414	883	502	422	601	459	601
	\$1,000, 2002	5,663	5,261	10,851	7,401	3,540	8,071	6,661	7,133
All other production expenses (see text)	farms, 2002	6,380	2,859	10,538	5,959	4,104	9,922	5,291	6,131
	1997	310	288	552	451	246	293	256	380
	\$1,000, 2002	389	255	476	311	309	389	279	377
Depreciation expenses claimed (see text)	farms, 2002	3,127	3,593	7,683	4,916	2,483	4,872	4,386	4,315
	1997	3,550	1,691	4,882	3,458	2,183	5,668	3,022	3,532
	\$1,000, 2002	287	205	487	387	224	224	225	346
Property taxes paid	farms, 2002	383	245	687	372	277	399	329	457
	1997	2,536	1,668	3,168	2,485	1,057	3,199	2,275	2,818
	\$1,000, 2002	2,830	1,168	5,656	2,501	1,921	4,254	2,269	2,599
All other production expenses (see text)	farms, 2002	565	702	1,125	806	636	631	631	717
	1997	680	792	1,168	867	704	692	697	804
	\$1,000, 2002	2,316	3,502	5,701	3,011	3,139	3,606	3,112	3,594
Depreciation expenses claimed (see text)	farms, 2002	1,924	2,275	4,452	2,293	1,665	2,322	2,316	2,787
	1997	566	510	798	639	458	496	533	722
	\$1,000, 2002	800	786	1,360	928	635	809	786	935
All other production expenses (see text)	farms, 2002	8,806	3,799	6,523	7,383	3,498	8,156	4,812	5,153
	1997	7,347	4,390	10,305	6,594	4,388	11,547	5,657	8,343
	\$1,000, 2002	417	343	709	356	330	520	418	538
Depreciation expenses claimed (see text)	farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	1997	9,294	9,689	12,586	9,225	7,425	14,030	7,935	10,096
	\$1,000, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

See footnote(s) at end of table.

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**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren	
Total farm production expenses . . . . .	farms, 2002	1,669	974	1,157	795	699	869	843	1,336	
	1997	1,814	1,005	1,229	809	728	880	862	1,332	
	\$1,000, 2002	514,231	91,791	107,231	51,724	62,655	45,898	40,890	45,956	
	1997	381,308	87,485	97,031	44,558	29,881	33,653	32,008	43,192	
Average per farm . . . . .	dollars, 2002	308,107	94,241	92,680	65,061	89,635	52,817	48,506	34,398	
	1997	210,203	87,050	78,952	55,078	41,045	38,242	37,132	32,427	
	<b>Fertilizer, lime, and soil conditioners</b>									
	purchased <sup>1</sup> . . . . .	farms, 2002	1,165	723	745	442	353	477	438	607
1997		1,327	792	799	429	415	469	466	732	
\$1,000, 2002		11,058	8,626	10,291	4,599	3,345	3,216	3,604	4,661	
1997		11,437	9,613	10,219	2,727	2,372	2,713	3,134	2,886	
Chemicals purchased . . . . .	farms, 2002	1,113	663	662	351	370	341	353	634	
	1997	1,388	742	828	474	490	455	431	729	
	\$1,000, 2002	7,510	6,545	6,936	2,744	2,459	1,613	2,516	3,534	
	1997	9,815	6,726	7,968	2,574	2,388	2,360	2,423	3,904	
Seeds, plants, vines, and trees . . . . .	farms, 2002	1,190	765	737	423	351	480	429	653	
	1997	1,418	809	870	496	405	532	457	847	
	\$1,000, 2002	11,694	8,268	8,520	4,223	2,088	3,021	3,664	3,342	
	1997	11,103	6,559	6,605	2,126	2,115	1,825	2,612	3,329	
Livestock and poultry purchased . . . . .	farms, 2002	982	230	336	210	185	237	237	188	
	1997	1,030	220	369	241	184	283	193	349	
	\$1,000, 2002	190,148	8,668	7,214	4,722	15,919	4,425	3,692	4,220	
	1997	125,304	9,834	8,200	5,298	3,380	2,053	2,889	2,870	
Breeding livestock purchased (see text) . . . . .	farms, 2002	292	120	176	176	(NA)	146	130	160	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
	\$1,000, 2002	5,718	527	545	747	2,498	503	299	813	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Other livestock and poultry purchased . . . . .	farms, 2002	821	133	198	85	102	138	151	42	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
	\$1,000, 2002	184,431	8,141	6,669	3,975	13,421	3,922	3,394	3,407	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Feed purchased . . . . .	farms, 2002	1,067	309	551	443	374	429	422	555	
	1997	1,234	345	604	415	387	498	402	637	
	\$1,000, 2002	155,596	8,378	10,102	8,219	12,778	8,732	3,539	2,948	
	1997	108,983	10,339	10,073	11,653	3,918	5,508	3,190	4,466	
Gasoline, fuels, and oils . . . . .	farms, 2002	1,565	960	1,051	661	685	834	797	1,277	
	1997	1,769	960	1,094	700	594	766	798	1,188	
	\$1,000, 2002	9,630	3,745	4,356	1,918	2,096	1,833	1,591	2,045	
	1997	8,380	3,790	4,563	2,119	1,374	1,502	1,835	2,741	
Utilities (see text) . . . . .	farms, 2002	1,373	683	777	514	444	551	556	689	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
	\$1,000, 2002	8,623	1,955	2,006	1,732	1,226	1,089	842	903	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Supplies, repairs, and maintenance . . . . .	farms, 2002	1,502	843	938	614	626	755	684	1,157	
	1997	1,638	836	1,004	692	568	699	723	1,003	
	\$1,000, 2002	19,300	6,236	6,419	5,885	3,342	3,614	3,092	4,219	
	1997	13,568	5,753	5,971	2,330	1,965	2,452	2,325	4,144	
Hired farm labor . . . . .	farms, 2002	767	279	372	220	141	200	217	262	
	1997	909	348	317	204	165	260	178	366	
	\$1,000, 2002	14,609	4,024	3,765	1,217	2,849	2,016	1,103	1,630	
	1997	12,112	4,380	4,033	1,706	765	2,864	1,168	1,595	
Contract labor . . . . .	farms, 2002	137	56	91	38	85	53	94	36	
	1997	196	58	75	58	45	41	54	115	
	\$1,000, 2002	856	244	400	63	292	242	163	191	
	1997	781	170	197	237	82	49	79	192	
Customwork and custom hauling . . . . .	farms, 2002	751	360	345	259	165	231	235	404	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
	\$1,000, 2002	3,729	2,363	1,236	1,478	1,216	815	1,250	1,468	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Cash rent for land, buildings, and grazing fees <sup>2</sup> . . . . .	farms, 2002	858	405	547	138	207	233	192	251	
	1997	1,046	487	511	202	241	217	150	275	
	\$1,000, 2002	28,587	13,794	21,111	3,111	3,925	4,032	6,444	5,692	
	1997	23,670	9,115	13,749	3,237	2,381	1,664	3,899	3,742	
Rent and lease expenses for machinery, equipment, and farm share of vehicles . . . . .	farms, 2002	230	109	95	57	43	35	80	23	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
	\$1,000, 2002	2,252	954	770	262	798	135	388	298	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Interest expense . . . . .	farms, 2002	1,025	556	651	441	348	554	428	463	
	1997	1,270	539	636	447	419	525	340	591	
	\$1,000, 2002	20,369	7,607	10,122	4,583	4,017	3,971	3,940	3,951	
	1997	18,125	6,046	8,389	3,645	3,233	3,905	2,686	3,644	
Secured by real estate . . . . .	farms, 2002	757	358	507	371	252	448	341	357	
	1997	822	363	383	371	275	470	281	463	
	\$1,000, 2002	12,153	5,329	6,913	3,734	2,739	3,151	2,934	2,912	
	1997	8,948	3,607	5,160	2,127	2,163	2,872	1,969	2,367	
Not secured by real estate . . . . .	farms, 2002	692	399	373	218	203	276	220	206	
	1997	943	328	463	237	246	277	188	350	
	\$1,000, 2002	8,216	2,278	3,209	849	1,278	820	1,005	1,040	
	1997	9,177	2,438	3,229	1,518	1,070	1,033	717	1,276	
Property taxes paid . . . . .	farms, 2002	1,544	838	1,063	750	649	810	823	1,232	
	1997	1,581	842	1,061	770	696	844	841	1,192	
	\$1,000, 2002	5,466	4,105	4,901	2,821	2,045	2,375	2,670	3,601	
	1997	3,785	3,040	3,268	1,826	1,525	1,926	1,835	2,714	
All other production expenses (see text) . . . . .	farms, 2002	1,275	733	886	519	495	593	568	848	
	1997	1,786	951	1,144	723	694	806	803	1,179	
	\$1,000, 2002	24,804	6,279	9,081	4,148	4,262	4,770	2,393	3,252	
	1997	25,272	7,672	9,438	3,405	2,956	3,600	2,712	4,665	
Depreciation expenses claimed (see text) . . . . .	farms, 2002	1,049	564	662	360	324	389	374	529	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
	\$1,000, 2002	29,454	9,838	12,505	4,398	5,893	5,000	5,285	9,325	
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	

See footnote(s) at end of table.

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**Table 3. Farm Production Expenses: 2002 and 1997 - Con.**

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Total farm production expenses	farms, 2002 1,199 1997 1,117 \$1,000, 2002 146,982 1997 124,157	790 785 34,753 27,246	930 986 115,161 108,550	628 653 88,024 56,376	1,497 1,558 132,994 99,986	1,149 1,414 122,664 118,221	589 652 58,345 55,918	753 757 177,585 140,908
Average per farm	dollars, 2002 122,587 1997 111,153	43,992 34,708	123,829 110,091	140,166 86,334	88,840 64,176	106,757 83,607	99,058 85,763	235,836 186,140
Fertilizer, lime, and soil conditioners purchased <sup>1</sup>	farms, 2002 654 1997 727 \$1,000, 2002 6,835 1997 7,445	422 523 4,010 2,736	699 815 10,281 10,672	407 479 6,916 7,333	966 1,001 9,613 7,637	725 926 9,291 11,188	392 458 6,493 5,980	559 591 9,238 9,160
Chemicals purchased	farms, 2002 635 1997 745 \$1,000, 2002 5,093 1997 6,827	338 408 2,153 1,872	586 760 6,968 8,608	381 424 4,190 5,213	715 957 4,671 4,628	629 953 5,581 8,269	360 449 4,144 4,637	420 599 4,929 7,213
Seeds, plants, vines, and trees	farms, 2002 683 1997 826 \$1,000, 2002 6,843 1997 5,812	366 524 3,238 1,947	626 404 8,500 7,809	388 500 5,995 4,936	939 1,057 8,024 5,318	639 903 8,136 7,885	425 492 4,730 4,535	655 648 8,737 6,442
Livestock and poultry purchased	farms, 2002 388 1997 371 \$1,000, 2002 30,164 1997 19,090	172 288 1,331 2,643	205 193 15,643 9,441	93 108 7,844 2,560	541 600 18,923 10,347	302 441 30,004 22,051	116 153 2,135 2,610	99 118 18,937 8,227
Breeding livestock purchased (see text)	farms, 2002 206 1997 (NA) \$1,000, 2002 2,407 1997 (NA)	113 (NA) 344 (NA)	55 (NA) 264 (NA)	59 (NA) 137 (NA)	307 (NA) 2,510 (NA)	151 (NA) 817 (NA)	83 (NA) 405 (NA)	60 (NA) (D) (NA)
Other livestock and poultry purchased	farms, 2002 284 1997 (NA) \$1,000, 2002 27,757 1997 (NA)	72 (NA) 986 (NA)	165 (NA) 15,379 (NA)	45 (NA) 7,706 (NA)	339 (NA) 16,414 (NA)	221 (NA) 29,187 (NA)	46 (NA) 1,731 (NA)	64 (NA) (D) (NA)
Feed purchased	farms, 2002 522 1997 530 \$1,000, 2002 38,514 1997 35,082	356 462 2,311 2,977	310 309 21,329 16,525	159 205 16,452 3,226	835 955 19,254 21,436	488 697 13,277 13,794	221 272 5,592 6,898	192 192 63,174 37,684
Gasoline, fuels, and oils	farms, 2002 1,187 1997 1,020 \$1,000, 2002 5,278 1997 5,138	739 753 1,952 1,673	876 897 3,898 4,476	628 589 2,893 3,336	1,457 1,464 4,876 5,559	1,109 1,239 3,941 4,780	574 586 2,572 3,275	737 703 4,385 4,259
Utilities (see text)	farms, 2002 749 1997 (NA) \$1,000, 2002 2,889 1997 (NA)	456 (NA) 888 (NA)	742 (NA) 2,148 (NA)	345 (NA) 1,608 (NA)	1,030 (NA) 3,564 (NA)	666 (NA) 2,757 (NA)	411 (NA) 1,146 (NA)	496 (NA) 4,953 (NA)
Supplies, repairs, and maintenance	farms, 2002 1,053 1997 1,001 \$1,000, 2002 8,631 1997 6,748	711 641 3,055 2,043	824 871 7,380 6,883	598 563 6,108 3,785	1,356 1,394 10,078 8,332	1,032 1,161 8,744 7,214	555 546 4,451 3,120	717 639 6,168 6,149
Hired farm labor	farms, 2002 341 1997 380 \$1,000, 2002 5,560 1997 5,105	161 203 1,000 731	303 326 3,315 5,035	215 258 4,040 1,444	515 601 6,435 3,653	319 531 4,198 4,315	198 213 730 1,381	283 313 10,731 9,581
Contract labor	farms, 2002 69 1997 39 \$1,000, 2002 279 1997 578	62 48 355 112	27 51 1,385 584	41 36 108 190	79 106 144 337	110 105 336 322	27 55 76 126	34 39 798 153
Customwork and custom hauling	farms, 2002 296 1997 (NA) \$1,000, 2002 2,366 1997 (NA)	248 (NA) 993 (NA)	269 (NA) 2,119 (NA)	123 (NA) 736 (NA)	337 (NA) 2,243 (NA)	323 (NA) 1,618 (NA)	126 (NA) 405 (NA)	190 (NA) 2,511 (NA)
Cash rent for land, buildings, and grazing fees <sup>2</sup>	farms, 2002 312 1997 378 \$1,000, 2002 10,440 1997 7,921	154 205 4,012 1,591	389 467 12,053 10,657	296 494 13,921 11,015	610 494 13,233 6,209	366 514 13,218 13,911	284 344 12,679 10,489	366 409 21,815 23,460
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2002 87 1997 (NA) \$1,000, 2002 404 1997 (NA)	42 (NA) 313 (NA)	130 (NA) 2,564 (NA)	105 (NA) 2,771 (NA)	189 (NA) 1,261 (NA)	84 (NA) 663 (NA)	52 (NA) 420 (NA)	65 (NA) 562 (NA)
Interest expense	farms, 2002 636 1997 614 \$1,000, 2002 8,649 1997 6,696	343 421 3,379 2,351	590 636 7,021 6,652	271 444 6,946 4,653	862 924 11,950 7,998	577 740 9,233 7,379	321 424 6,155 4,551	356 545 8,716 11,734
Secured by real estate	farms, 2002 488 1997 429 \$1,000, 2002 5,427 1997 4,509	277 318 2,180 1,518	382 356 3,877 3,452	194 305 4,442 2,661	724 681 7,601 4,514	403 455 5,950 4,053	277 324 4,613 2,848	230 291 5,264 6,584
Not secured by real estate	farms, 2002 333 1997 367 \$1,000, 2002 3,223 1997 2,188	154 251 1,199 833	349 459 3,144 3,201	190 306 2,504 1,992	554 647 4,350 3,485	410 511 3,283 3,327	201 290 1,542 1,703	284 368 3,452 5,150
Property taxes paid	farms, 2002 1,104 1997 1,032 \$1,000, 2002 5,349 1997 3,376	740 751 2,544 1,944	758 772 3,570 2,782	547 549 2,586 1,980	547 549 5,782 3,761	1,401 1,427 5,460 3,645	546 604 2,031 2,093	656 612 3,270 2,480
All other production expenses (see text)	farms, 2002 831 1997 1,011 \$1,000, 2002 9,687 1997 10,568	487 726 3,220 2,866	667 985 6,985 14,924	399 598 4,909 4,897	1,083 1,443 12,942 9,936	642 1,308 6,207 9,175	379 608 4,586 4,815	457 728 8,659 11,082
Depreciation expenses claimed (see text)	farms, 2002 557 1997 (NA) \$1,000, 2002 14,069 1997 (NA)	338 (NA) 3,741 (NA)	491 (NA) 9,213 (NA)	356 (NA) 8,944 (NA)	821 (NA) 17,298 (NA)	500 (NA) 8,435 (NA)	356 (NA) 6,663 (NA)	466 (NA) 14,848 (NA)

<sup>1</sup> Data for 1997 do not include lime and manure.

<sup>2</sup> Data for 1997 do not include grazing fees.