

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
1997	8,677,056	64,133	36,482	57,141	24,011	90,354	116,682
Average per farm	dollars, 2002	113,664	87,982	65,979	73,547	28,519	157,652
	1997	89,734	76,897	59,904	55,639	27,855	132,096
Fertilizer, lime, and soil conditioners purchased ¹							
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
1997	665,146	5,284	2,886	3,373	1,911	5,803	10,428
Chemicals purchased	farms, 2002	54,776	461	372	522	373	828
	1997	66,869	610	397	577	427	914
\$1,000, 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
Seeds, plants, vines, and trees	farms, 2002	59,724	512	277	580	335	799
	1997	70,900	635	384	683	429	942
\$1,000, 2002	603,316	5,611	2,473	3,148	1,431	4,778	7,692
	1997	511,082	3,633	2,435	2,511	1,404	5,433
Livestock and poultry purchased	farms, 2002	25,756	258	136	322	155	340
	1997	31,882	334	189	413	232	269
\$1,000, 2002	1,854,227	11,579	6,393	8,453	1,934	24,811	12,643
	1997	1,283,094	8,728	5,201	4,281	2,529	17,951
Breeding livestock purchased (see text)	farms, 2002	13,436	200	91	197	110	166
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	100,883	742	295	1,369	367	1,310	1,800
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other livestock and poultry purchased	farms, 2002	16,372	154	71	172	71	135
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	1,753,344	10,837	6,098	7,084	1,567	23,501	10,843
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased	farms, 2002	41,037	467	272	572	486	630
	1997	48,781	497	338	649	484	633
\$1,000, 2002	1,922,817	7,658	5,786	13,300	2,766	19,763	13,833
	1997	1,604,170	12,234	5,318	13,311	3,750	17,150
Gasoline, fuels, and oils	farms, 2002	87,485	837	566	1,059	789	636
	1997	88,995	759	507	880	783	632
\$1,000, 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
Utilities (see text)	farms, 2002	62,217	553	348	690	521	832
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	215,675	1,676	775	2,396	715	2,243	2,430
Supplies, repairs, and maintenance	farms, 2002	81,393	769	520	986	730	606
	1997	82,231	701	466	928	673	595
\$1,000, 2002	646,011	5,567	2,813	7,057	2,573	5,697	7,777
	1997	523,311	4,130	3,190	5,385	3,027	4,942
Hired farm labor	farms, 2002	28,135	231	94	289	150	399
	1997	34,352	286	206	331	239	296
\$1,000, 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
Contract labor	farms, 2002	6,425	125	30	35	75	49
	1997	6,438	41	33	56	64	52
\$1,000, 2002	37,829	333	107	58	227	418	248
Customwork and custom hauling	farms, 2002	30,366	234	195	294	212	197
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	160,788	1,073	1,117	1,357	301	959	2,256
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cash rent for land, buildings, and grazing fees ²	farms, 2002	34,940	291	150	326	155	232
	1997	38,257	273	169	324	140	307
\$1,000, 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
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2002	8,558	51	66	106	47	96
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	68,636	751	326	389	234	537	921
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Interest expense	farms, 2002	49,156	491	314	550	316	368
	1997	57,878	487	299	632	375	469
\$1,000, 2002	704,077	6,161	2,631	9,199	2,989	6,044	9,164
	1997	624,048	4,874	2,635	5,163	2,098	6,154
Secured by real estate	farms, 2002	36,961	344	238	477	280	244
	1997	38,830	366	205	400	290	365
\$1,000, 2002	456,338	3,772	1,741	7,011	2,442	4,082	5,637
Not secured by real estate	farms, 2002	361,074	2,874	1,730	3,255	1,102	4,100
	1997	30,368	279	157	299	139	235
\$1,000, 2002	247,739	2,388	891	2,188	547	1,961	3,527
Property taxes paid	farms, 2002	82,051	785	466	1,014	773	575
	1997	84,624	787	562	956	806	623
\$1,000, 2002	346,765	2,967	1,844	4,293	2,267	2,891	3,847
	1997	252,699	2,545	1,806	2,711	1,454	2,127
All other production expenses (see text)	farms, 2002	64,832	664	350	748	499	417
	1997	90,839	804	525	967	776	642
\$1,000, 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
Depreciation expenses claimed (see text)	farms, 2002	49,049	404	220	524	290	298
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	1,005,074	7,388	2,543	9,534	3,508	8,721	10,928
	1997	(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	105,838	107,534	91,961	104,237	193,540	107,791	149,982
dollars, 2002							
1997	90,125	89,394	69,358	85,635	158,968	83,070	111,314
Fertilizer, lime, and soil conditioners purchased ¹							
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
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
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
Cash rent for land, buildings, and grazing fees ²							
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
Not secured by real estate							
farms, 2002	4,190	2,664	3,743	5,121	3,516	4,073	4,306
1997	294	240	352	403	412	395	295
\$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	67,455
	1997	144,893	84,677	93,290	101,048	114,894	47,778
Fertilizer, lime, and soil conditioners purchased ¹	farms, 2002	808	586	723	618	701	367
	1997	931	673	722	635	722	421
	\$1,000, 2002	7,952	5,854	8,432	8,021	7,392	7,015
	1997	8,290	5,296	8,076	8,420	7,201	1,649
Chemicals purchased	farms, 2002	786	486	646	539	613	1,531
	1997	904	655	735	634	727	448
	\$1,000, 2002	7,350	4,135	5,294	6,683	5,277	4,541
	1997	7,698	4,986	7,315	6,504	6,480	5,703
Seeds, plants, vines, and trees	farms, 2002	814	517	666	568	673	356
	1997	948	685	748	670	789	455
	\$1,000, 2002	6,732	5,268	6,763	7,600	6,145	6,793
	1997	6,983	4,506	6,834	6,857	5,619	5,243
Livestock and poultry purchased	farms, 2002	358	245	209	165	274	186
	1997	480	263	380	205	390	226
	\$1,000, 2002	73,064	24,749	11,235	6,292	30,636	25,079
	1997	48,298	13,738	11,270	7,015	20,193	14,748
Breeding livestock purchased (see text)	farms, 2002	129	203	139	97	139	129
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	1,646	1,319	386	575	989	1,210
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other livestock and poultry purchased	farms, 2002	259	144	108	106	230	237
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	71,418	23,430	10,849	5,717	29,647	23,869
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased	farms, 2002	502	428	407	253	446	420
	1997	649	472	490	309	570	367
	\$1,000, 2002	56,249	14,130	10,393	9,422	23,301	17,144
	1997	36,212	8,334	11,704	11,519	18,513	15,709
Gasoline, fuels, and oils	farms, 2002	1,007	726	934	780	741	898
	1997	1,094	829	928	790	892	961
	\$1,000, 2002	5,008	3,515	3,899	3,988	3,523	4,197
	1997	5,166	2,765	4,467	4,382	3,983	4,143
Utilities (see text)	farms, 2002	844	499	652	518	620	678
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	3,591	1,913	2,341	1,675	2,479	2,671
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Supplies, repairs, and maintenance	farms, 2002	947	700	857	673	695	826
	1997	1,030	761	799	753	843	601
	\$1,000, 2002	9,219	7,575	7,136	6,085	6,009	7,713
	1997	8,185	4,463	5,912	5,166	6,324	5,175
Hired farm labor	farms, 2002	465	223	306	321	246	157
	1997	538	260	372	350	430	391
	\$1,000, 2002	6,224	3,175	4,009	4,153	2,209	6,306
	1997	3,932	2,072	4,012	4,203	3,503	5,522
Contract labor	farms, 2002	59	98	56	12	34	161
	1997	134	47	73	50	49	63
	\$1,000, 2002	710	200	272	383	41	640
	1997	331	131	598	314	215	383
Customwork and custom hauling	farms, 2002	353	284	310	230	351	368
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	1,813	1,392	1,580	1,468	1,935	1,923
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cash rent for land, buildings, and grazing fees ²	farms, 2002	533	295	424	398	470	357
	1997	527	422	445	455	532	429
	\$1,000, 2002	19,317	8,034	15,999	16,759	16,229	12,778
	1997	13,630	8,867	12,119	15,301	11,670	10,020
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2002	108	81	42	142	68	55
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	666	638	491	1,009	608	385
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Interest expense	farms, 2002	602	431	553	361	562	478
	1997	813	545	585	530	631	416
	\$1,000, 2002	10,066	7,865	8,252	5,888	6,146	6,744
	1997	10,010	5,650	6,991	5,130	7,408	6,140
Secured by real estate	farms, 2002	476	334	361	254	363	356
	1997	454	343	399	306	391	406
	\$1,000, 2002	6,100	3,928	4,300	3,797	3,344	3,920
	1997	4,796	2,884	4,090	2,562	4,612	3,315
Not secured by real estate	farms, 2002	324	311	395	269	384	289
	1997	541	430	400	379	415	394
	\$1,000, 2002	3,966	3,937	3,952	2,091	2,802	2,824
	1997	5,214	2,766	2,901	2,567	2,796	2,825
Property taxes paid	farms, 2002	932	676	861	692	701	911
	1997	953	750	836	699	783	879
	\$1,000, 2002	5,798	3,323	4,361	2,793	3,106	3,791
	1997	3,118	2,376	3,490	2,486	2,541	2,382
All other production expenses (see text)	farms, 2002	802	537	661	599	625	757
	1997	1,124	796	976	829	880	916
	\$1,000, 2002	12,070	6,520	6,988	5,632	7,442	6,604
	1997	10,892	5,966	8,448	8,375	9,514	7,676
Depreciation expenses claimed (see text)	farms, 2002	725	329	592	407	486	571
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	18,989	8,214	12,040	9,391	9,743	11,452
	1997	(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 ¹							
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	20,686	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
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 ²							
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	2,425	4,108	3,567	3,431	1,589	1,856	953
\$1,000, 2002	2,569	3,871	3,183	3,894	2,036	934	932
1997	318	675	535	550	289	322	151
Property taxes paid							
farms, 2002	626	1,499	1,056	845	896	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	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Total farm production expenses								
farms, 2002	1,251	674	491	1,476	509	1,342	899	823
1997	1,318	696	550	1,665	555	1,368	910	898
\$1,000, 2002	168,230	42,782	56,034	122,659	83,061	156,072	101,641	143,850
1997	138,122	49,457	58,407	128,850	58,947	128,606	86,037	140,937
Average per farm								
dollars, 2002	134,477	63,474	114,122	83,102	163,184	116,298	113,061	174,787
1997	104,797	71,059	106,194	77,387	106,210	94,010	94,546	156,945
Fertilizer, lime, and soil conditioners purchased ¹								
farms, 2002	953	557	370	993	446	877	627	595
1997	991	498	386	1,082	413	1,020	647	715
\$1,000, 2002	8,730	4,583	3,977	6,037	5,412	10,290	6,734	8,837
1997	8,877	5,247	4,663	6,926	5,233	10,555	8,153	9,531
Chemicals purchased								
farms, 2002	846	402	376	854	417	804	586	519
1997	994	495	370	1,049	403	999	654	679
\$1,000, 2002	5,735	2,990	3,403	3,837	3,089	6,095	5,803	6,801
1997	5,780	3,127	3,409	3,446	3,297	7,889	6,546	7,696
Seeds, plants, vines, and trees								
farms, 2002	901	460	388	903	435	935	619	570
1997	1,114	533	405	1,158	433	1,056	674	770
\$1,000, 2002	7,922	4,035	5,028	4,023	4,753	8,342	7,036	7,373
1997	5,635	3,496	3,600	4,548	3,515	7,085	6,116	6,689
Livestock and poultry purchased								
farms, 2002	469	166	90	600	132	460	237	193
1997	671	193	159	708	158	501	299	296
\$1,000, 2002	32,055	4,479	12,659	28,439	20,911	23,891	13,204	26,900
1997	19,416	6,444	12,652	20,134	11,450	17,588	8,224	19,041
Breeding livestock purchased (see text)								
farms, 2002	213	71	30	345	52	149	81	101
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	1,736	219	207	1,958	733	1,977	771	419
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other livestock and poultry purchased								
farms, 2002	321	106	64	361	91	350	170	128
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	30,318	4,261	12,451	26,481	20,178	21,914	12,432	26,481
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased								
farms, 2002	714	173	211	853	185	661	367	360
1997	915	293	215	1,142	201	710	413	456
\$1,000, 2002	32,297	3,151	5,867	20,799	17,934	27,098	14,153	30,316
1997	35,573	7,171	9,393	33,401	10,066	23,966	6,914	47,541
Gasoline, fuels, and oils								
farms, 2002	1,229	657	478	1,446	509	1,288	867	797
1997	1,234	654	529	1,484	492	1,258	836	842
\$1,000, 2002	6,529	1,634	2,071	4,889	2,518	5,487	4,414	4,399
1997	6,263	2,515	2,226	5,890	2,260	6,177	4,058	4,326
Utilities (see text)								
farms, 2002	947	504	308	1,095	373	870	608	611
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	4,746	795	1,468	3,512	1,688	3,189	1,974	2,742
Supplies, repairs, and maintenance								
farms, 2002	1,164	603	443	1,393	481	1,242	736	706
1997	1,154	559	472	1,437	485	1,132	791	788
\$1,000, 2002	11,676	3,342	3,705	11,652	4,410	12,023	6,871	9,437
1997	9,333	3,196	3,510	9,496	3,605	9,083	5,553	5,811
Hired farm labor								
farms, 2002	556	174	170	490	163	502	337	254
1997	555	197	198	571	191	611	422	412
\$1,000, 2002	5,908	811	1,545	4,011	1,881	5,575	5,931	4,969
1997	3,265	1,096	967	4,063	1,824	5,721	5,470	3,549
Contract labor								
farms, 2002	55	44	47	71	77	88	75	47
1997	81	40	22	72	42	129	65	70
\$1,000, 2002	291	66	105	167	228	279	286	873
Customwork and custom hauling								
farms, 2002	537	289	129	537	120	393	255	306
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	2,902	764	914	2,282	637	2,568	1,969	2,049
Cash rent for land, buildings, and grazing fees ²								
farms, 2002	627	237	162	539	270	526	352	402
1997	465	223	268	531	262	576	432	492
\$1,000, 2002	17,018	6,319	6,295	8,281	8,676	17,824	13,079	18,023
1997	9,689	5,651	5,902	8,143	5,930	12,864	13,696	14,261
Rent and lease expenses for machinery, equipment, and farm share of vehicles								
farms, 2002	213	84	80	90	54	84	103	146
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	1,049	1,179	413	315	709	1,185	753	753
Interest expense								
farms, 2002	750	406	305	762	317	744	464	484
1997	887	344	314	989	340	899	657	588
\$1,000, 2002	11,876	3,058	2,925	9,698	4,520	11,742	8,110	8,359
1997	11,372	3,614	3,662	10,094	3,863	9,907	6,719	7,071
Secured by real estate								
farms, 2002	549	275	221	615	165	576	392	409
1997	625	203	226	686	210	570	413	433
\$1,000, 2002	8,419	1,830	1,776	6,283	2,489	8,187	6,167	5,568
Not secured by real estate								
farms, 2002	7,335	1,987	2,185	6,339	2,120	5,976	3,662	4,573
1997	449	242	186	465	221	471	278	330
\$1,000, 2002	3,457	1,228	1,148	3,415	2,031	3,556	1,944	2,791
Property taxes paid								
farms, 2002	1,133	652	417	1,379	415	1,222	856	792
1997	1,132	632	472	1,435	483	1,134	817	786
\$1,000, 2002	5,935	2,400	1,738	5,104	1,718	5,313	3,863	3,004
1997	3,803	1,649	1,290	4,093	1,730	3,608	2,441	2,889
All other production expenses (see text)								
farms, 2002	964	511	356	1,124	381	1,031	724	674
1997	1,275	645	507	1,554	535	1,313	858	887
\$1,000, 2002	13,563	3,176	3,921	9,511	4,370	15,646	7,027	9,016
1997	13,141	4,421	4,917	12,618	4,390	9,261	7,501	8,147
Depreciation expenses claimed (see text)								
farms, 2002	737	279	302	855	306	835	488	504
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	16,317	4,183	5,975	12,146	9,189	17,109	9,576	11,236
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	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Total farm production expenses								
farms, 2002	545	729	730	886	795	827	833	829
1997	603	802	792	911	831	895	903	942
\$1,000, 2002	52,535	97,106	120,939	105,730	206,233	112,984	209,300	88,572
1997	58,131	79,118	107,276	72,186	160,485	100,390	155,433	77,366
Average per farm	dollars, 2002	96,394	133,205	165,670	119,334	259,412	136,619	251,261
	1997	96,404	98,651	135,450	79,238	193,122	112,168	172,129
Fertilizer, lime, and soil conditioners purchased ¹	farms, 2002	410	629	556	541	590	643	662
	1997	443	657	649	604	662	728	689
	\$1,000, 2002	6,286	8,559	7,744	4,705	7,278	7,823	6,776
	1997	5,229	8,753	8,476	4,729	8,033	8,809	7,766
Chemicals purchased	farms, 2002	425	564	541	458	482	480	559
	1997	473	674	658	616	638	670	533
	\$1,000, 2002	4,970	7,074	7,912	3,677	6,183	5,011	5,999
	1997	5,899	6,686	8,942	4,345	7,778	6,615	7,311
Seeds, plants, vines, and trees	farms, 2002	381	658	483	511	581	616	615
	1997	504	705	708	617	699	774	533
	\$1,000, 2002	5,396	6,948	8,137	4,818	7,467	6,995	7,466
	1997	4,779	6,501	6,169	3,652	6,673	6,925	6,649
Livestock and poultry purchased	farms, 2002	98	142	170	240	179	165	283
	1997	126	242	272	266	242	252	302
	\$1,000, 2002	3,193	17,135	14,330	19,578	37,266	18,293	41,819
	1997	10,142	10,746	12,422	7,544	25,089	10,318	21,190
Breeding livestock purchased (see text)	farms, 2002	72	76	54	175	77	67	127
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	191	348	338	1,293	4,774	863	1,841
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other livestock and poultry purchased	farms, 2002	53	103	141	115	119	124	179
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	3,003	16,787	13,992	18,285	32,492	17,429	39,978
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased	farms, 2002	155	178	241	411	259	286	329
	1997	221	320	379	457	326	303	352
	\$1,000, 2002	2,734	12,139	15,517	23,559	66,405	24,905	74,539
	1997	3,598	7,770	17,221	16,171	51,331	18,147	48,329
Gasoline, fuels, and oils	farms, 2002	518	729	715	861	775	817	767
	1997	549	766	760	821	793	885	869
	\$1,000, 2002	2,445	3,255	3,975	3,397	5,885	4,312	4,343
	1997	2,525	3,083	3,758	3,020	4,803	4,575	4,465
Utilities (see text)	farms, 2002	348	547	551	537	538	629	668
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	1,107	1,466	2,097	3,064	3,639	2,099	2,954
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Supplies, repairs, and maintenance	farms, 2002	481	683	662	799	680	762	784
	1997	539	694	695	722	739	796	838
	\$1,000, 2002	6,389	4,912	7,180	6,783	10,009	6,706	7,719
	1997	3,869	5,047	5,261	4,921	6,258	5,895	5,712
Hired farm labor	farms, 2002	170	271	235	169	289	364	372
	1997	284	333	328	271	372	426	380
	\$1,000, 2002	1,960	3,967	5,886	5,347	12,693	3,765	10,866
	1997	3,955	2,825	4,121	3,654	9,391	3,590	6,134
Contract labor	farms, 2002	51	22	59	66	89	37	42
	1997	58	56	77	58	50	65	57
	\$1,000, 2002	137	178	288	369	3,121	329	466
	1997	147	207	549	107	253	153	716
Customwork and custom hauling	farms, 2002	143	249	314	216	221	242	394
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	947	1,597	3,214	1,482	1,835	1,320	2,566
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cash rent for land, buildings, and grazing fees ²	farms, 2002	229	343	405	372	320	372	477
	1997	184	333	489	295	403	458	460
	\$1,000, 2002	5,962	14,109	23,813	12,084	17,691	14,150	21,022
	1997	3,579	8,018	19,253	4,659	14,324	14,638	19,526
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2002	60	53	100	103	93	103	66
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	560	542	1,275	992	1,213	692	796
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Interest expense	farms, 2002	318	418	490	415	431	433	527
	1997	343	554	490	543	578	608	595
	\$1,000, 2002	4,334	6,506	7,212	6,766	10,308	5,519	9,057
	1997	5,057	6,746	7,397	6,495	9,934	6,856	8,984
Secured by real estate	farms, 2002	236	273	316	360	302	290	393
	1997	242	360	271	425	360	374	405
	\$1,000, 2002	3,207	3,730	3,169	4,247	6,271	3,389	5,326
	1997	2,411	3,555	3,996	3,989	4,993	3,721	4,012
Not secured by real estate	farms, 2002	169	298	338	198	257	273	424
	1997	266	357	398	342	418	440	358
	\$1,000, 2002	1,127	2,776	4,043	2,518	4,037	2,130	3,731
	1997	2,647	3,191	3,401	2,506	4,941	3,135	4,972
Property taxes paid	farms, 2002	509	588	656	813	694	626	712
	1997	526	663	618	853	682	707	761
	\$1,000, 2002	2,301	3,835	2,749	2,656	3,811	2,614	3,534
	1997	1,807	2,480	2,319	2,548	2,181	1,890	2,445
All other production expenses (see text)	farms, 2002	397	599	544	530	625	572	643
	1997	584	762	745	846	799	849	883
	\$1,000, 2002	3,804	4,884	9,609	6,454	11,428	8,449	9,377
	1997	5,137	7,565	7,521	7,996	10,764	9,021	11,807
Depreciation expenses claimed (see text)	farms, 2002	292	426	466	379	485	540	361
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	6,449	9,047	11,063	7,666	20,218	12,144	14,763
	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	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Total farm production expenses								
farms, 2002	852	891	605	617	1,021	1,335	1,209	808
1997	900	918	628	670	1,049	1,367	1,274	831
\$1,000, 2002	66,600	88,428	69,242	83,959	89,335	102,729	115,890	48,424
1997	56,894	69,693	67,067	68,424	73,155	76,603	100,148	38,983
Average per farm								
dollars, 2002	78,169	99,246	114,450	136,076	87,497	76,951	95,856	59,931
1997	63,215	75,919	106,794	102,125	69,738	56,038	78,609	46,912
Fertilizer, lime, and soil conditioners purchased ¹								
farms, 2002	425	603	508	446	599	786	862	469
1997	565	660	546	545	674	869	957	450
\$1,000, 2002	4,377	6,466	5,917	6,241	7,137	5,043	8,506	4,216
1997	5,178	6,253	7,284	6,099	6,349	6,344	8,720	2,954
Chemicals purchased								
farms, 2002	393	484	446	371	621	691	688	337
1997	528	628	514	498	693	795	944	417
\$1,000, 2002	2,966	3,538	4,295	3,965	4,764	2,674	6,896	2,504
1997	4,579	5,508	5,483	5,497	5,335	3,212	7,645	2,635
Seeds, plants, vines, and trees								
farms, 2002	404	579	502	426	619	702	826	414
1997	597	684	550	521	722	872	926	490
\$1,000, 2002	4,377	5,832	5,069	5,017	5,309	3,050	7,683	3,251
1997	4,191	5,264	5,050	4,162	4,586	3,477	7,114	2,612
Livestock and poultry purchased								
farms, 2002	238	278	132	187	275	560	271	230
1997	285	311	136	232	342	548	370	197
\$1,000, 2002	9,407	9,789	7,268	13,817	13,636	28,620	14,297	6,966
1997	4,220	7,457	8,624	12,110	8,633	14,735	11,654	4,930
Breeding livestock purchased (see text)								
farms, 2002	105	152	49	95	187	314	123	138
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	251	1,341	631	1,236	885	864	488	696
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other livestock and poultry purchased								
farms, 2002	176	197	105	140	152	308	191	107
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	9,156	8,447	6,637	12,582	12,751	27,756	13,809	6,270
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased								
farms, 2002	415	353	140	310	458	814	486	301
1997	450	491	167	302	550	856	667	389
\$1,000, 2002	13,473	14,315	9,115	11,133	11,136	17,447	20,630	5,772
1997	9,038	9,786	7,095	7,436	12,142	14,508	16,121	5,872
Gasoline, fuels, and oils								
farms, 2002	790	871	586	610	982	1,309	1,169	786
1997	819	865	608	625	960	1,224	1,189	687
\$1,000, 2002	2,405	3,366	2,870	2,473	4,109	3,901	3,960	1,530
1997	2,727	3,754	3,071	2,866	3,541	3,981	4,053	2,009
Utilities (see text)								
farms, 2002	463	552	442	385	668	958	882	487
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	1,267	1,861	1,502	1,442	1,887	2,149	2,541	1,090
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Supplies, repairs, and maintenance								
farms, 2002	746	832	572	578	891	1,196	1,122	719
1997	764	823	592	528	882	1,154	1,102	635
\$1,000, 2002	4,429	6,197	4,133	4,735	6,444	6,279	9,549	3,966
1997	4,191	5,143	4,581	4,033	5,148	4,770	6,372	2,998
Hired farm labor								
farms, 2002	200	296	221	195	281	331	358	169
1997	223	361	300	245	342	360	323	218
\$1,000, 2002	2,131	3,797	3,034	2,681	4,631	2,836	4,533	1,624
1997	1,699	2,688	2,787	2,324	1,931	1,525	4,063	969
Contract labor								
farms, 2002	64	72	34	20	47	96	39	77
1997	92	36	65	28	131	95	34	65
\$1,000, 2002	273	177	900	258	138	425	174	108
1997	301	111	170	250	269	89	147	260
Customwork and custom hauling								
farms, 2002	242	349	178	167	310	405	491	204
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	874	1,854	757	1,330	1,638	2,136	1,464	653
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cash rent for land, buildings, and grazing fees ²								
farms, 2002	224	292	244	322	335	368	470	179
1997	316	379	299	317	372	309	432	225
\$1,000, 2002	5,938	12,391	9,342	15,110	11,361	8,833	14,894	5,460
1997	6,587	7,176	9,874	9,851	6,733	5,029	10,888	3,928
Rent and lease expenses for machinery, equipment, and farm share of vehicles								
farms, 2002	55	52	84	36	66	89	106	117
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	386	303	666	234	403	349	571	313
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Interest expense								
farms, 2002	421	486	281	329	571	684	607	427
1997	414	517	454	389	653	849	730	412
\$1,000, 2002	6,145	8,121	5,283	7,317	7,290	8,151	7,344	3,926
1997	4,804	5,355	4,788	4,343	6,606	6,142	7,494	3,217
Secured by real estate								
farms, 2002	316	404	212	220	395	580	403	293
1997	274	402	233	232	486	621	514	338
\$1,000, 2002	4,105	5,210	3,819	5,071	5,172	5,985	4,648	3,018
1997	2,815	3,186	2,190	2,088	4,686	3,910	4,557	2,327
Not secured by real estate								
farms, 2002	237	365	166	259	363	355	414	281
1997	244	332	324	278	368	429	442	216
\$1,000, 2002	2,040	2,911	1,464	2,246	2,118	2,166	2,696	908
1997	1,989	2,169	2,598	2,254	1,920	2,232	2,937	890
Property taxes paid								
farms, 2002	791	774	508	550	958	1,223	1,140	748
1997	757	850	552	604	943	1,211	1,076	766
\$1,000, 2002	3,503	3,751	3,002	2,425	3,999	4,238	4,817	2,745
1997	2,325	2,573	1,597	1,876	2,531	3,210	3,532	1,852
All other production expenses (see text)								
farms, 2002	627	562	528	437	666	1,019	965	504
1997	793	884	603	612	984	1,299	1,185	748
\$1,000, 2002	4,650	6,672	6,089	5,780	5,454	6,599	8,031	4,300
1997	4,772	6,009	5,216	5,344	6,574	6,421	8,805	3,392
Depreciation expenses claimed (see text)								
farms, 2002	425	469	375	396	505	680	657	360
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	7,874	10,206	6,909	7,471	10,445	7,952	10,246	4,119
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	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Total farm production expenses								
farms, 2002	1,260	1,027	1,093	1,346	947	1,444	606	747
1997	1,364	1,098	1,042	1,471	934	1,610	641	770
\$1,000, 2002	95,963	95,639	87,741	232,554	55,007	90,906	59,286	28,649
1997	73,823	105,696	71,548	170,513	56,988	81,428	56,505	24,051
Average per farm	dollars, 2002	76,161	93,125	80,276	172,774	58,086	62,954	97,831
	1997	54,122	96,263	68,665	115,916	61,014	50,576	88,151
Fertilizer, lime, and soil conditioners purchased ¹								
farms, 2002	812	705	709	1,095	537	882	371	365
1997	791	780	621	1,202	616	1,058	397	410
\$1,000, 2002	6,594	6,510	6,173	15,618	5,328	6,729	3,908	1,821
1997	5,650	7,772	6,297	16,621	5,690	7,370	4,259	2,364
Chemicals purchased	farms, 2002	664	614	695	994	478	762	414
	1997	743	784	630	1,201	582	1,027	391
\$1,000, 2002	4,755	4,185	3,579	10,075	2,931	4,640	3,606	1,203
1997	5,091	6,321	4,282	11,828	3,982	5,671	3,684	1,260
Seeds, plants, vines, and trees	farms, 2002	811	729	672	1,092	545	918	455
	1997	885	804	727	1,257	573	1,099	439
\$1,000, 2002	6,055	6,440	5,894	14,495	4,571	6,383	4,519	1,263
1997	4,860	5,424	4,431	11,525	3,578	6,041	3,488	1,312
Livestock and poultry purchased	farms, 2002	414	315	341	319	195	347	168
	1997	506	482	303	467	290	353	152
\$1,000, 2002	12,355	18,322	12,595	44,689	6,515	10,154	6,474	4,254
1997	7,576	20,231	6,679	23,215	6,045	9,608	5,215	2,501
Breeding livestock purchased (see text)	farms, 2002	246	206	174	87	133	248	73
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	862	1,362	697	506	1,061	622	393	492
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other livestock and poultry purchased	farms, 2002	244	134	210	272	83	157	120
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	11,492	16,960	11,899	44,184	5,454	9,532	6,081	3,762
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased	farms, 2002	676	528	448	400	484	668	240
	1997	722	637	477	558	445	673	260
\$1,000, 2002	17,900	11,421	14,135	41,596	6,567	9,918	9,746	5,162
1997	15,559	17,493	13,276	22,234	10,177	8,345	10,610	3,046
Gasoline, fuels, and oils	farms, 2002	1,210	958	1,066	1,282	928	1,342	606
	1997	1,235	1,024	934	1,447	830	1,426	529
\$1,000, 2002	3,461	3,926	4,140	7,525	2,504	3,828	1,885	1,205
1997	3,916	4,892	4,476	8,051	3,096	4,160	2,443	1,436
Utilities (see text)	farms, 2002	769	716	663	1,030	557	905	413
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	1,988	2,224	2,090	4,579	1,267	1,909	1,143	664
Supplies, repairs, and maintenance	farms, 2002	1,080	944	988	1,157	902	1,253	543
	1997	1,166	935	823	1,369	801	1,260	531
\$1,000, 2002	6,017	6,531	7,009	13,258	4,663	8,046	4,430	2,395
Hired farm labor	farms, 2002	4,788	6,146	5,015	11,464	4,915	5,649	3,211
	1997	314	323	332	533	264	355	179
\$1,000, 2002	4,682	4,602	2,784	7,179	2,451	4,253	3,346	1,244
1997	2,125	3,538	2,458	4,742	2,691	3,027	2,579	460
Contract labor	farms, 2002	112	45	70	115	42	70	38
	1997	106	74	46	118	52	119	41
\$1,000, 2002	377	155	242	993	193	208	224	122
Customwork and custom hauling	farms, 2002	341	375	107	746	213	178	38
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	127
\$1,000, 2002	2,274	1,499	1,019	2,832	636	2,261	1,134	691
Cash rent for land, buildings, and grazing fees ²	farms, 2002	398	379	324	715	248	599	210
	1997	447	473	338	862	188	464	220
\$1,000, 2002	9,796	10,930	10,756	33,263	5,560	12,578	8,193	1,621
1997	6,913	10,890	5,553	22,811	3,625	9,931	6,732	1,319
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2002	52	100	81	138	19	99	49
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	305	437	219	1,757	217	570	292	165
Interest expense	farms, 2002	605	581	569	844	450	726	334
	1997	780	636	642	1,091	401	768	369
\$1,000, 2002	6,590	8,054	6,415	14,690	5,334	8,309	4,392	3,369
1997	5,272	7,796	6,043	12,825	3,740	7,415	4,745	2,622
Secured by real estate	farms, 2002	480	438	460	530	382	575	193
	1997	457	436	483	669	340	543	228
\$1,000, 2002	4,780	5,816	4,253	8,602	3,680	5,675	2,545	2,839
Not secured by real estate	farms, 2002	3,424	4,529	3,782	7,615	2,689	5,058	2,342
	1997	319	347	267	632	200	437	177
\$1,000, 2002	1,810	2,238	2,163	6,088	1,654	2,634	1,848	530
Property taxes paid	farms, 2002	1,081	905	1,013	1,205	910	1,280	548
	1997	1,161	971	947	1,200	877	1,409	732
\$1,000, 2002	4,884	4,602	3,632	5,653	3,399	5,172	2,342	1,758
1997	2,960	3,176	3,700	3,499	2,228	3,569	2,002	2,023
All other production expenses (see text)	farms, 2002	719	688	719	1,157	575	1,021	437
	1997	1,236	1,044	972	1,425	839	1,495	685
\$1,000, 2002	7,932	5,800	7,058	14,353	2,871	5,948	3,653	1,711
1997	5,704	8,188	6,528	15,142	4,982	7,000	5,431	2,720
Depreciation expenses claimed (see text)	farms, 2002	657	577	472	818	366	720	333
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	256
\$1,000, 2002	6,898	10,749	9,166	16,569	5,651	10,055	5,890	3,326
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	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								
dollars, 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
Fertilizer, lime, and soil conditioners purchased ¹								
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
1997	7,744	3,600	6,541	4,404	7,651	3,997	5,763	8,035
Chemicals purchased								
farms, 2002	731	630	668	464	491	270	560	438
1997	889	618	715	592	733	392	608	543
\$1,000, 2002	4,788	2,926	4,333	3,226	7,500	3,538	5,353	5,379
1997	6,279	3,593	5,571	3,883	7,831	4,296	5,417	6,650
Seeds, plants, vines, and trees								
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
1997	6,766	3,385	4,986	4,172	5,740	3,310	5,336	6,743
Livestock and poultry purchased								
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
1997	34,845	5,113	20,442	5,681	8,258	3,421	21,104	11,803
Breeding livestock purchased (see text)								
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
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other livestock and poultry purchased								
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
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased								
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
1997	35,120	15,055	26,949	5,200	8,658	2,443	34,860	7,706
Gasoline, fuels, and oils								
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
1997	5,196	2,482	3,811	2,851	3,914	2,009	4,637	3,153
Utilities (see text)								
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
Supplies, repairs, and maintenance								
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
1997	7,446	4,213	6,279	3,744	4,944	3,107	5,471	4,385
Hired farm labor								
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
1997	3,792	2,905	4,117	1,890	3,790	725	6,095	2,401
Contract labor								
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
1997	157	141	212	106	224	78	575	278
Customwork and custom hauling								
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
Cash rent for land, buildings, and grazing fees ²								
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
1997	12,124	2,961	6,880	4,538	11,948	4,509	11,681	7,507
Rent and lease expenses for machinery, equipment, and farm share of vehicles								
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
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Interest expense								
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
1997	10,000	4,770	7,716	4,677	5,344	3,265	8,928	4,332
Secured by real estate								
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
1997	4,845	3,111	4,872	2,541	2,993	1,826	5,615	2,353
Not secured by real estate								
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
1997	5,155	1,659	2,843	2,136	2,350	1,439	3,313	1,978
Property taxes paid								
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
1997	2,368	2,377	3,281	2,329	2,444	1,742	2,215	2,044
All other production expenses (see text)								
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
1997	11,240	6,313	7,758	4,929	9,069	4,456	11,425	5,439
Depreciation expenses claimed (see text)								
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
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
1997	30,580	56,192	58,998	125,759	98,029	50,421	104,585	178,767
Average per farm	dollars, 2002	54,657	116,264	77,907	169,552	200,841	65,881	207,907
	1997	41,493	91,370	69,903	124,638	145,013	55,961	125,854
Fertilizer, lime, and soil conditioners purchased ¹	farms, 2002	452	414	506	821	463	690	591
	1997	399	439	587	844	572	648	673
	\$1,000, 2002	2,636	4,382	5,868	8,190	6,190	6,035	6,794
	1997	2,014	4,843	5,606	8,015	6,313	4,966	7,913
Chemicals purchased	farms, 2002	374	432	444	678	471	619	644
	1997	379	457	619	790	525	644	683
	\$1,000, 2002	1,523	3,363	3,829	4,673	3,802	4,449	4,630
	1997	1,361	4,087	4,564	7,107	4,691	4,513	6,812
Seeds, plants, vines, and trees	farms, 2002	433	351	522	787	547	672	669
	1997	396	455	613	892	586	672	716
	\$1,000, 2002	2,175	7,461	5,097	8,208	7,148	5,542	6,236
	1997	1,479	4,408	3,918	7,260	5,230	4,111	6,155
Livestock and poultry purchased	farms, 2002	241	185	208	392	186	211	208
	1997	245	156	245	431	213	279	216
	\$1,000, 2002	7,117	12,510	5,653	44,254	26,254	8,188	39,720
	1997	3,216	6,807	5,191	23,670	18,488	5,556	15,281
Breeding livestock purchased (see text)	farms, 2002	174	135	103	130	46	151	47
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	475	549	607	1,228	1,106	512	483
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other livestock and poultry purchased	farms, 2002	98	93	121	308	158	93	179
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	6,643	11,961	5,047	43,026	25,148	7,676	39,237
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased	farms, 2002	363	316	384	480	228	449	251
	1997	396	279	393	547	281	455	334
	\$1,000, 2002	4,210	8,315	8,796	40,246	35,314	4,743	46,978
	1997	6,002	9,674	7,475	26,368	23,895	4,800	22,066
Gasoline, fuels, and oils	farms, 2002	709	546	796	969	601	867	770
	1997	665	519	709	1,008	668	830	806
	\$1,000, 2002	1,443	2,442	2,495	5,272	3,544	2,200	3,710
	1997	1,464	2,023	3,131	4,800	3,468	2,400	4,176
Utilities (see text)	farms, 2002	503	426	555	741	472	670	581
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	1,234	1,302	1,401	3,183	2,506	1,595	3,090
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Supplies, repairs, and maintenance	farms, 2002	657	513	726	867	505	805	712
	1997	600	469	707	913	589	713	753
	\$1,000, 2002	3,045	6,251	4,517	8,092	5,997	4,414	6,878
	1997	2,305	3,569	3,953	6,232	4,170	3,868	5,474
Hired farm labor	farms, 2002	144	131	215	308	202	250	268
	1997	185	212	244	461	185	275	383
	\$1,000, 2002	1,857	5,921	2,433	3,093	4,901	2,137	4,335
	1997	999	2,882	2,520	3,136	3,138	2,577	4,282
Contract labor	farms, 2002	64	62	35	117	49	43	39
	1997	88	23	37	81	65	40	33
	\$1,000, 2002	208	121	198	765	805	51	1,298
	1997	429	242	80	349	376	174	311
Customwork and custom hauling	farms, 2002	190	169	227	418	312	385	223
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	716	1,444	849	2,355	1,214	1,388	1,446
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cash rent for land, buildings, and grazing fees ²	farms, 2002	123	250	243	563	345	300	385
	1997	171	181	378	604	412	212	365
	\$1,000, 2002	2,342	6,743	9,022	16,422	11,777	3,707	16,652
	1997	1,469	4,106	9,053	14,516	10,304	2,876	8,301
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2002	37	45	49	156	60	77	138
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	119	236	464	1,171	585	140	1,224
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Interest expense	farms, 2002	339	311	353	689	423	504	463
	1997	428	381	500	777	450	475	500
	\$1,000, 2002	3,511	3,097	4,686	9,903	6,356	5,506	6,728
	1997	3,053	3,958	4,901	8,654	6,229	3,924	8,559
Secured by real estate	farms, 2002	277	195	288	510	356	431	354
	1997	338	257	322	436	266	320	327
	\$1,000, 2002	2,551	1,492	3,546	6,495	4,287	4,046	4,008
	1997	1,887	2,448	2,967	4,559	3,326	2,220	4,389
Not secured by real estate	farms, 2002	164	207	237	421	229	274	256
	1997	246	250	318	550	346	331	353
	\$1,000, 2002	960	1,605	1,140	3,409	2,069	1,460	2,720
	1997	1,166	1,510	1,934	4,094	2,903	1,704	4,169
Property taxes paid	farms, 2002	665	499	750	907	610	835	649
	1997	707	534	685	805	548	828	690
	\$1,000, 2002	2,330	1,660	3,827	3,103	2,380	2,996	2,411
	1997	1,480	2,317	2,059	2,028	1,452	2,329	2,649
All other production expenses (see text)	farms, 2002	534	402	548	831	453	624	534
	1997	700	538	764	1,009	646	809	815
	\$1,000, 2002	4,286	2,651	4,282	9,267	8,358	4,556	10,038
	1997	3,011	5,260	5,036	9,939	7,988	4,943	8,467
Depreciation expenses claimed (see text)	farms, 2002	318	329	407	737	404	543	448
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	5,096	5,709	6,275	14,768	11,099	6,993	15,023
	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	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
1997	85,418	43,521	137,842	72,461	41,201	140,667	73,515	95,243
Average per farm	dollars, 2002	148,177	68,722	112,253	88,352	60,239	197,798	114,252
	1997	105,325	49,010	97,277	72,388	56,517	165,685	87,103
Fertilizer, lime, and soil conditioners purchased ¹	farms, 2002	600	472	887	598	424	684	520
	1997	758	507	1,165	615	379	712	707
	\$1,000, 2002	9,805	6,106	12,181	6,568	2,619	7,790	7,554
	1997	9,675	4,257	12,614	5,720	2,324	9,116	6,733
Chemicals purchased	farms, 2002	544	376	925	568	329	615	510
	1997	700	567	1,108	642	384	684	699
	\$1,000, 2002	6,658	3,175	9,036	4,634	1,884	5,926	5,042
	1997	6,739	4,201	11,357	4,949	1,803	7,318	5,597
Seeds, plants, vines, and trees	farms, 2002	596	509	888	585	361	625	496
	1997	761	598	1,151	665	417	700	680
	\$1,000, 2002	7,561	5,592	10,371	6,064	2,309	9,575	6,174
	1997	6,966	4,251	10,063	4,612	1,601	6,579	4,972
Livestock and poultry purchased	farms, 2002	125	169	269	243	183	253	218
	1997	186	194	431	316	196	236	253
	\$1,000, 2002	13,172	2,823	29,320	8,265	6,451	35,910	9,833
	1997	8,723	2,544	24,578	6,359	3,290	23,485	6,979
Breeding livestock purchased (see text)	farms, 2002	76	89	125	163	135	68	90
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	785	177	600	656	2,580	526	196
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other livestock and poultry purchased	farms, 2002	62	112	159	122	56	222	143
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	12,387	2,646	28,719	7,609	3,871	35,385	9,638
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased	farms, 2002	171	229	529	396	428	322	335
	1997	233	395	700	549	431	377	362
	\$1,000, 2002	16,268	2,257	12,223	11,466	9,139	31,704	11,159
	1997	12,162	2,448	12,283	10,086	11,101	31,915	8,351
Gasoline, fuels, and oils	farms, 2002	728	709	1,203	889	752	775	740
	1997	805	826	1,305	855	607	815	768
	\$1,000, 2002	4,673	2,381	5,107	2,954	1,938	4,356	3,156
	1997	3,937	2,167	5,454	4,201	2,125	4,363	3,653
Utilities (see text)	farms, 2002	559	440	947	608	450	562	486
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	3,407	1,212	2,446	2,608	1,170	2,081	1,592
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Supplies, repairs, and maintenance	farms, 2002	677	653	1,141	837	639	725	699
	1997	743	681	1,311	831	585	727	711
	\$1,000, 2002	7,496	3,531	8,742	6,073	3,114	6,175	5,216
	1997	6,473	3,311	8,859	6,056	2,572	6,273	4,531
Hired farm labor	farms, 2002	273	211	379	181	196	257	177
	1997	391	261	521	299	133	481	204
	\$1,000, 2002	3,358	5,132	3,378	4,594	2,818	5,440	3,224
	1997	2,166	3,160	4,575	4,122	2,085	6,467	2,651
Contract labor	farms, 2002	30	144	130	74	59	32	26
	1997	80	43	63	50	117	29	72
	\$1,000, 2002	578	949	367	285	136	253	59
	1997	378	116	90	751	115	263	171
Customwork and custom hauling	farms, 2002	214	218	453	290	216	252	267
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	1,540	1,205	2,080	1,407	881	1,882	1,295
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cash rent for land, buildings, and grazing fees ²	farms, 2002	396	181	552	319	140	411	345
	1997	420	265	708	380	176	501	398
	\$1,000, 2002	16,059	5,097	21,171	8,527	2,937	23,956	16,496
	1997	9,953	5,859	18,004	8,435	1,968	17,190	14,339
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2002	111	102	131	74	63	83	40
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	662	550	1,157	396	268	1,181	647
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Interest expense	farms, 2002	437	369	731	603	353	363	355
	1997	559	414	883	502	422	601	459
	\$1,000, 2002	5,663	5,261	10,851	7,401	3,540	8,071	6,661
	1997	6,380	2,859	10,538	5,959	4,104	9,922	5,291
Secured by real estate	farms, 2002	310	288	552	451	246	293	256
	1997	389	255	476	311	309	389	377
	\$1,000, 2002	3,127	3,593	7,683	4,916	2,483	4,872	4,386
	1997	3,550	1,691	4,882	3,458	2,183	5,668	3,022
Not secured by real estate	farms, 2002	287	205	487	387	224	225	346
	1997	383	245	687	372	277	399	329
	\$1,000, 2002	2,536	1,668	3,168	2,485	1,057	3,199	2,275
	1997	2,830	1,168	5,656	2,501	1,921	4,254	2,269
Property taxes paid	farms, 2002	565	702	1,125	806	757	636	631
	1997	680	792	1,168	867	704	692	804
	\$1,000, 2002	2,316	3,502	5,701	3,011	3,139	3,606	3,112
	1997	1,924	2,275	4,452	2,293	1,665	2,322	2,316
All other production expenses (see text)	farms, 2002	566	510	798	639	458	496	533
	1997	800	786	1,360	928	635	809	786
	\$1,000, 2002	8,806	3,799	6,523	7,383	3,498	8,156	4,812
	1997	7,347	4,390	10,305	6,594	4,385	11,547	5,657
Depreciation expenses claimed (see text)	farms, 2002	417	343	709	356	330	520	418
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	9,294	9,689	12,586	9,225	7,425	14,030	7,935
	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	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
	1997	210,203	87,050	78,952	55,078	41,045	38,242	37,132
Fertilizer, lime, and soil conditioners purchased ¹	farms, 2002	1,165	723	745	442	353	477	438
	1997	1,327	792	799	429	415	469	466
	\$1,000, 2002	11,058	8,626	10,291	4,599	3,345	3,216	3,604
	1997	11,437	9,613	10,219	2,727	2,372	2,713	3,134
Chemicals purchased	farms, 2002	1,113	663	662	351	370	341	353
	1997	1,388	742	828	474	490	455	431
	\$1,000, 2002	7,510	6,545	6,936	2,744	2,459	1,613	2,516
	1997	9,815	6,726	7,968	2,574	2,388	2,360	2,423
Seeds, plants, vines, and trees	farms, 2002	1,190	765	737	423	351	480	429
	1997	1,418	809	870	496	405	532	457
	\$1,000, 2002	11,694	8,268	8,520	4,223	2,088	3,021	3,664
	1997	11,103	6,559	6,605	2,126	2,115	1,825	2,612
Livestock and poultry purchased	farms, 2002	982	230	336	210	185	237	188
	1997	1,030	220	369	241	184	283	193
	\$1,000, 2002	190,148	8,668	7,214	4,722	15,919	4,425	3,692
	1997	125,304	9,834	8,200	5,298	3,380	2,053	2,889
Breeding livestock purchased (see text)	farms, 2002	292	120	176	176	143	146	130
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	5,718	527	545	747	2,498	503	299
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other livestock and poultry purchased	farms, 2002	821	133	198	85	102	138	151
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	184,431	8,141	6,669	3,975	13,421	3,922	3,394
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased	farms, 2002	1,067	309	551	443	374	429	422
	1997	1,234	345	604	415	387	498	402
	\$1,000, 2002	155,596	8,378	10,102	8,219	12,778	8,732	3,539
	1997	108,983	10,339	10,073	11,653	3,918	5,508	3,190
Gasoline, fuels, and oils	farms, 2002	1,565	960	1,051	661	685	834	797
	1997	1,769	960	1,094	700	594	766	798
	\$1,000, 2002	9,630	3,745	4,356	1,918	2,096	1,833	1,591
	1997	8,380	3,790	4,563	2,119	1,374	1,502	1,835
Utilities (see text)	farms, 2002	1,373	683	777	514	444	551	556
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	8,623	1,955	2,006	1,732	1,226	1,089	842
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Supplies, repairs, and maintenance	farms, 2002	1,502	843	938	614	626	755	684
	1997	1,638	836	1,004	692	568	699	723
	\$1,000, 2002	19,300	6,236	6,419	5,885	3,342	3,614	3,092
	1997	13,568	5,753	5,971	2,330	1,965	2,452	2,325
Hired farm labor	farms, 2002	767	279	372	220	141	200	217
	1997	909	348	317	204	165	260	178
	\$1,000, 2002	14,609	4,024	3,765	1,217	2,849	2,016	1,103
	1997	12,112	4,380	4,033	1,706	765	2,864	1,168
Contract labor	farms, 2002	137	56	91	38	85	53	94
	1997	196	58	75	58	45	41	54
	\$1,000, 2002	856	244	400	63	292	242	163
	1997	781	170	197	237	82	49	79
Customwork and custom hauling	farms, 2002	751	360	345	259	165	231	235
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	3,729	2,363	1,236	1,478	1,216	815	1,250
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Cash rent for land, buildings, and grazing fees ²	farms, 2002	858	405	547	138	207	233	192
	1997	1,046	487	511	202	241	217	150
	\$1,000, 2002	28,587	13,794	21,111	3,111	3,925	4,032	6,444
	1997	23,670	9,115	13,749	3,237	2,381	1,664	3,899
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2002	230	109	95	57	43	35	80
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	2,252	954	770	262	798	135	388
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Interest expense	farms, 2002	1,025	556	651	441	348	554	428
	1997	1,270	539	636	447	419	525	340
	\$1,000, 2002	20,369	7,607	10,122	4,583	4,017	3,971	3,940
	1997	18,125	6,046	8,389	3,645	3,233	3,905	2,686
Secured by real estate	farms, 2002	757	358	507	371	252	448	341
	1997	822	363	383	371	275	470	281
	\$1,000, 2002	12,153	5,329	6,913	3,734	2,739	3,151	2,934
	1997	8,948	3,607	5,160	2,127	2,163	2,872	1,969
Not secured by real estate	farms, 2002	692	399	373	218	203	276	220
	1997	943	328	463	237	246	277	188
	\$1,000, 2002	8,216	2,278	3,209	849	1,278	820	1,005
	1997	9,177	2,438	3,229	1,518	1,070	1,033	717
Property taxes paid	farms, 2002	1,544	838	1,063	750	649	810	823
	1997	1,581	842	1,061	770	696	844	841
	\$1,000, 2002	5,466	4,105	4,901	2,821	2,045	2,375	2,670
	1997	3,785	3,040	3,268	1,826	1,525	1,926	1,835
All other production expenses (see text)	farms, 2002	1,275	733	886	519	495	593	568
	1997	1,786	951	1,144	723	694	806	803
	\$1,000, 2002	24,804	6,279	9,081	4,148	4,262	4,770	2,393
	1997	25,272	7,672	9,438	3,405	2,956	3,600	2,712
Depreciation expenses claimed (see text)	farms, 2002	1,049	564	662	360	324	389	374
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	\$1,000, 2002	29,454	9,838	12,505	4,398	5,893	5,000	5,285
	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	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Total farm production expenses								
farms, 2002	1,199	790	930	628	1,497	1,149	589	753
1997	1,117	785	986	653	1,558	1,414	652	757
\$1,000, 2002	146,982	34,753	115,161	88,024	132,994	122,664	58,345	177,585
1997	124,157	27,246	108,550	56,376	99,986	118,221	55,918	140,908
Average per farm	dollars, 2002	122,587	43,992	123,829	140,166	88,840	106,757	99,058
	1997	111,153	34,708	110,091	86,334	64,176	83,607	85,763
Fertilizer, lime, and soil conditioners purchased ¹								
farms, 2002	654	422	699	407	966	725	392	559
1997	727	523	815	479	1,001	926	458	591
\$1,000, 2002	6,835	4,010	10,281	6,916	9,613	9,291	6,493	9,238
1997	7,445	2,736	10,672	7,333	7,637	11,188	5,980	9,160
Chemicals purchased	farms, 2002	635	338	586	381	715	629	420
	1997	745	408	760	424	957	953	449
\$1,000, 2002	5,093	2,153	6,968	4,190	4,671	5,581	4,144	4,929
1997	6,827	1,872	8,608	5,213	4,628	8,269	4,637	7,213
Seeds, plants, vines, and trees	farms, 2002	683	366	626	388	939	639	655
	1997	826	524	845	500	1,057	903	492
\$1,000, 2002	6,843	3,238	8,500	5,995	8,024	8,136	4,730	8,737
	1997	5,812	1,947	7,809	4,936	5,318	7,885	4,535
Livestock and poultry purchased	farms, 2002	388	172	205	93	541	302	.99
	1997	371	288	193	108	600	441	118
\$1,000, 2002	30,164	1,331	15,643	7,844	18,923	30,004	2,135	18,937
	1997	19,090	2,643	9,441	2,560	10,347	22,051	2,610
Breeding livestock purchased (see text)	farms, 2002	206	113	55	59	307	151	83
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	60
\$1,000, 2002	2,407	344	264	137	2,510	817	405	(D)
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Other livestock and poultry purchased	farms, 2002	284	72	165	45	339	221	46
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	27,757	986	15,379	7,706	16,414	29,187	1,731	(D)
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Feed purchased	farms, 2002	522	356	310	159	835	488	221
	1997	530	462	309	205	955	697	192
\$1,000, 2002	38,514	2,311	21,329	16,452	19,254	13,277	5,592	63,174
	1997	35,082	2,977	16,525	3,226	21,436	13,794	6,898
Gasoline, fuels, and oils	farms, 2002	1,187	739	876	628	1,457	1,109	574
	1997	1,020	753	897	589	1,464	1,239	586
\$1,000, 2002	5,278	1,952	3,898	2,893	4,876	3,941	2,572	4,385
	1997	5,138	1,673	4,476	3,336	5,559	4,780	3,275
Utilities (see text)	farms, 2002	749	456	742	345	1,030	666	411
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	2,889	888	2,148	1,608	3,564	2,757	1,146	4,953
Supplies, repairs, and maintenance	farms, 2002	1,053	711	824	598	1,356	1,032	555
	1997	1,001	641	871	563	1,394	1,161	546
\$1,000, 2002	8,631	3,055	7,380	6,108	10,078	8,744	4,451	6,168
Hired farm labor	farms, 2002	6,748	2,043	6,883	3,785	8,332	7,214	3,120
	1997	341	161	303	215	515	319	198
\$1,000, 2002	5,560	1,000	3,315	4,040	6,435	4,198	730	283
	1997	5,105	731	5,035	1,444	3,653	4,315	313
Contract labor	farms, 2002	69	62	27	41	79	110	27
	1997	39	48	51	36	106	105	55
\$1,000, 2002	279	355	1,385	108	144	336	76	798
Customwork and custom hauling	farms, 2002	296	248	269	123	542	323	208
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	190
\$1,000, 2002	2,366	993	2,119	736	2,243	1,618	405	2,511
Cash rent for land, buildings, and grazing fees ²	farms, 2002	312	154	389	296	610	366	284
	1997	378	205	467	285	494	514	344
\$1,000, 2002	10,440	4,012	12,053	13,921	13,233	13,218	12,679	21,815
	1997	7,921	1,591	10,657	11,015	6,209	13,911	10,489
Rent and lease expenses for machinery, equipment, and farm share of vehicles	farms, 2002	87	42	130	105	189	84	52
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	404	313	2,564	2,771	1,261	663	420	562
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Interest expense	farms, 2002	636	343	590	271	862	577	321
	1997	614	421	636	444	924	740	424
\$1,000, 2002	8,649	3,379	7,021	6,946	11,950	9,233	6,155	8,716
	1997	6,696	2,351	6,652	4,653	7,998	7,379	4,551
Secured by real estate	farms, 2002	488	277	382	194	724	403	277
	1997	429	318	356	305	681	455	324
\$1,000, 2002	5,427	2,180	3,877	4,442	7,601	5,950	4,613	5,264
Not secured by real estate	farms, 2002	4,509	1,518	3,452	2,661	4,514	4,053	2,848
	1997	333	154	349	190	554	410	284
\$1,000, 2002	3,223	1,199	3,144	2,504	4,350	3,283	1,542	3,452
Property taxes paid	farms, 2002	1,104	740	758	547	1,401	1,022	546
	1997	1,032	751	772	549	1,427	1,224	612
\$1,000, 2002	5,349	2,544	3,570	2,586	5,782	5,460	2,031	3,270
	1997	3,376	1,944	2,782	1,980	3,761	3,645	2,093
All other production expenses (see text)	farms, 2002	831	487	667	399	1,083	642	379
	1997	1,011	726	985	598	1,443	1,308	608
\$1,000, 2002	9,687	3,220	6,985	4,909	12,942	6,207	4,586	8,659
	1997	10,568	2,866	14,924	4,897	9,936	9,175	4,815
Depreciation expenses claimed (see text)	farms, 2002	557	338	491	356	821	500	356
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 2002	14,069	3,741	9,213	8,944	17,298	8,435	6,663	14,848
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

¹ Data for 1997 do not include lime and manure.

² Data for 1997 do not include grazing fees.