

**Table 3. Farm Production Expenses: 1987 and 1982**

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

Item		Utah	Beaver	Box Elder	Cache	Carbon	Daggett	Davis	
Total farm production expenses	farms, 1987	14 064	226	1 088	1 222	210	36	648	
	\$1,000, 1987	494 641	15 015	50 689	48 670	2 214	1 010	22 666	
	Average per farm	35 171	66 437	46 598	39 828	10 542	28 055	34 978	
Livestock and poultry purchased	farms, 1987	5 237	81	420	403	84	16	171	
	1982	5 443	95	459	494	75	10	262	
	\$1,000, 1987	84 657	3 190	9 640	7 069	207	302	6 061	
	1982	80 313	1 850	6 615	8 606	794	46	3 523	
Feed for livestock and poultry	farms, 1987	7 811	111	570	649	130	19	295	
	1982	8 430	118	585	837	134	19	378	
	\$1,000, 1987	101 717	2 757	6 188	12 113	158	68	2 543	
	1982	108 719	3 338	6 971	14 481	352	46	2 418	
Commercially mixed formula feeds	farms, 1987	2 962	45	182	387	36	5	92	
	1982	3 443	48	253	465	47	5	180	
	\$1,000, 1987	56 818	1 291	2 438	5 829	50	8	592	
	1982	57 481	738	3 388	6 828	63	(D)	875	
Seeds, bulbs, plants, and trees	farms, 1987	5 975	96	617	796	71	6	281	
	1982	5 956	107	648	732	64	13	298	
	\$1,000, 1987	8 015	(D)	1 117	743	33	(D)	690	
	1982	6 440	155	1 002	613	42	5	396	
Commercial fertilizer <sup>1</sup>	farms, 1987	6 324	47	634	633	65	14	368	
	1982	5 763	53	623	577	78	17	306	
	\$1,000, 1987	13 229	177	3 080	1 099	92	33	638	
	1982	10 327	136	2 460	949	107	33	368	
Agricultural chemicals <sup>1</sup>	farms, 1987	7 760	152	821	934	95	10	357	
	1982	5 414	105	603	745	79	6	232	
	\$1,000, 1987	8 604	281	1 532	910	63	23	405	
	1982	5 302	177	968	475	31	1	190	
Petroleum products	farms, 1987	13 189	216	1 031	1 176	207	36	594	
	1982	13 857	204	1 073	1 257	198	30	653	
	\$1,000, 1987	29 726	1 496	3 271	2 516	267	89	1 161	
	1982	35 676	1 234	4 779	3 445	328	66	1 397	
Gasoline and gasohol	farms, 1987	11 359	196	872	948	186	34	552	
	1982	12 848	185	1 003	1 137	189	30	567	
	\$1,000, 1987	13 833	487	1 328	1 034	165	53	454	
	1982	17 809	594	2 017	1 566	191	51	549	
Diesel fuel	farms, 1987	8 446	170	768	889	158	28	249	
	1982	8 233	154	759	917	102	16	316	
	\$1,000, 1987	11 290	858	1 549	1 024	76	23	262	
	1982	12 449	497	2 163	1 391	103	9	335	
Natural gas	farms, 1987	707	-	80	115	11	2	52	
	1982	832	5	102	191	12	-	47	
	\$1,000, 1987	1 272	-	70	89	10	(D)	384	
	1982	1 416	(D)	84	147	8	-	437	
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1987	8 963	155	795	830	114	30	353	
	1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
	\$1,000, 1987	3 331	150	323	369	17	(D)	61	
	1982	4 003	(D)	515	340	25	(D)	77	
Electricity	farms, 1987	7 756	123	713	758	93	22	363	
	1982	8 041	142	687	911	91	21	313	
	\$1,000, 1987	14 219	900	1 210	1 350	24	20	365	
	1982	12 500	1 112	1 158	1 182	42	11	334	
Hired farm labor	farms, 1987	5 696	95	487	647	48	14	265	
	1982	6 065	81	569	744	68	15	273	
	\$1,000, 1987	51 385	1 564	4 287	5 067	240	48	3 187	
	1982	42 086	1 099	3 796	3 981	218	41	2 119	
Contract labor	farms, 1987	2 058	31	195	209	12	7	100	
	1982	1 002	7	107	55	5	2	61	
	\$1,000, 1987	7 856	(D)	809	390	18	(D)	1 078	
	1982	3 399	21	606	69	(D)	(D)	241	
Repair and maintenance	farms, 1987	11 214	195	936	1 009	165	24	517	
	1982	30 685	897	3 464	3 090	238	43	915	
	\$1,000, 1987	11 214	195	936	1 009	165	24	517	
	1982	30 685	897	3 464	3 090	238	43	915	
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup>	farms, 1987	5 744	102	454	609	38	12	291	
	1982	6 009	64	539	614	56	11	307	
	\$1,000, 1987	8 007	192	1 146	738	29	(D)	329	
	1982	7 218	132	999	683	23	11	241	
Interest paid <sup>3</sup>	farms, 1987	6 207	171	588	585	69	21	195	
	1982	6 148	128	612	715	47	17	222	
	\$1,000, 1987	47 504	1 556	5 723	4 698	234	139	1 196	
	1982	59 617	2 132	7 381	6 510	629	76	1 175	
Interest paid on debt:									
	Secured by real estate	farms, 1987	4 839	141	469	447	57	13	165
	\$1,000, 1987	36 448	1 341	4 366	3 497	162	107	901	
	Not secured by real estate	farms, 1987	2 580	77	294	263	31	10	53
\$1,000, 1987	11 056	215	1 358	1 201	72	32	294		
Cash rent	farms, 1987	3 786	54	353	482	52	7	192	
	\$1,000, 1987	16 552	154	3 005	1 675	88	21	765	
Property taxes paid	farms, 1987	13 301	225	1 043	1 150	198	33	585	
	\$1,000, 1987	14 952	249	1 484	1 240	144	27	549	
All other farm production expenses	farms, 1987	13 005	205	1 006	1 160	193	35	585	
	\$1,000, 1987	57 552	1 366	4 754	5 972	379	156	2 784	

See footnotes at end of table.

**Table 3. Farm Production Expenses: 1987 and 1982—Con.**

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

Item	Duchesne	Emery	Garfield	Grand	Iron	Juab	Kane
Total farm production expenses ----- farms, 1987..	753	446	263	81	380	215	152
\$1,000, 1987..	14 556	6 399	5 285	1 733	18 892	5 875	2 040
Average per farm ----- dollars, 1987..	19 330	14 348	20 095	21 396	49 716	27 328	13 419
Livestock and poultry purchased ----- farms, 1987..	324	164	113	25	124	57	55
1982..	288	146	108	16	186	70	55
\$1,000, 1987..	1 926	880	1 129	312	1 912	474	221
1982..	2 700	677	1 223	234	1 041	782	139
Feed for livestock and poultry ----- farms, 1987..	514	276	118	42	197	115	92
1982..	525	277	119	33	226	113	83
\$1,000, 1987..	1 921	805	475	148	1 711	379	290
1982..	2 619	851	381	169	1 620	512	78
Commercially mixed formula feeds ----- farms, 1987..	181	108	26	18	62	55	24
1982..	210	106	31	17	16	27	28
\$1,000, 1987..	843	181	31	15	589	58	10
1982..	821	226	77	16	486	37	19
Seeds, bulbs, plants, and trees ----- farms, 1987..	237	240	111	23	156	105	28
1982..	260	227	85	21	142	101	50
\$1,000, 1987..	183	80	78	16	887	90	13
1982..	141	55	57	13	412	124	17
Commercial fertilizer <sup>1</sup> ----- farms, 1987..	346	222	112	40	181	93	46
1982..	319	230	58	32	159	75	30
\$1,000, 1987..	724	263	85	33	706	260	25
1982..	493	156	46	35	433	131	13
Agricultural chemicals <sup>1</sup> ----- farms, 1987..	305	307	81	40	242	143	50
1982..	96	215	46	24	135	89	35
\$1,000, 1987..	190	150	72	43	442	151	44
1982..	25	50	53	9	221	85	9
Petroleum products ----- farms, 1987..	722	436	241	65	349	187	151
1982..	677	432	216	59	380	221	146
\$1,000, 1987..	1 319	701	468	109	1 242	540	249
1982..	1 506	481	418	147	1 188	613	205
Gasoline and gasohol ----- farms, 1987..	578	381	226	55	319	171	128
1982..	640	398	196	49	379	213	134
\$1,000, 1987..	667	413	263	63	661	312	156
1982..	865	275	240	84	761	315	142
Diesel fuel ----- farms, 1987..	505	360	184	41	178	112	75
1982..	438	286	149	39	199	141	67
\$1,000, 1987..	460	228	166	34	439	188	69
1982..	447	137	128	43	305	231	43
Natural gas ----- farms, 1987..	24	7	1	1	-	6	1
1982..	8	33	1	2	1	2	1
\$1,000, 1987..	15	1	(D)	(D)	-	7	(D)
1982..	(D)	7	(D)	(D)	(D)	(D)	(D)
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987..	534	306	182	46	267	150	114
1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987..	177	59	(D)	(D)	143	33	(D)
1982..	(D)	62	(D)	(D)	(D)	(D)	(D)
Electricity ----- farms, 1987..	463	199	90	50	223	143	59
1982..	473	169	159	36	230	92	58
\$1,000, 1987..	506	133	63	39	2 169	253	58
1982..	388	95	123	58	1 346	159	38
Hired farm labor ----- farms, 1987..	277	149	128	32	120	91	48
1982..	274	132	88	16	149	103	54
\$1,000, 1987..	1 073	420	541	208	2 182	839	127
1982..	981	333	314	173	1 442	567	160
Contract labor ----- farms, 1987..	94	43	31	11	60	34	18
1982..	41	55	19	1	24	5	5
\$1,000, 1987..	188	73	44	62	405	49	18
1982..	137	82	11	(D)	172	16	11
Repair and maintenance ----- farms, 1987..	594	371	215	60	339	152	125
\$1,000, 1987..	1 278	604	352	113	1 455	559	227
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987..	195	206	75	14	219	95	50
1982..	188	174	83	11	183	135	48
\$1,000, 1987..	250	131	88	27	220	123	61
1982..	296	88	50	13	251	216	21
Interest paid <sup>3</sup> ----- farms, 1987..	334	203	140	37	195	86	60
1982..	349	184	119	28	263	95	48
\$1,000, 1987..	1 750	743	776	244	2 375	753	208
1982..	3 111	815	835	512	2 394	895	276
Interest paid on debt: Secured by real estate ----- farms, 1987..	251	162	92	30	159	61	51
\$1,000, 1987..	1 386	583	537	158	2 051	497	167
Not secured by real estate ----- farms, 1987..	152	74	78	17	81	42	20
\$1,000, 1987..	364	160	238	86	324	255	41
Cash rent ----- farms, 1987..	141	103	97	12	84	75	26
\$1,000, 1987..	556	266	243	56	657	195	87
Property taxes paid ----- farms, 1987..	707	421	258	80	378	207	150
\$1,000, 1987..	519	293	160	60	672	287	98
All other farm production expenses ----- farms, 1987..	704	442	252	75	375	197	141
\$1,000, 1987..	2 174	856	711	264	1 856	924	313

See footnotes at end of table.

**Table 3. Farm Production Expenses: 1987 and 1982—Con.**

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

Item	Millard	Morgan	Piute	Rich	Salt Lake	San Juan	Sanpete	Sevier
Total farm production expenses ----- farms, 1987--	629	261	126	166	733	218	761	475
----- \$1,000, 1987--	31 334	9 124	3 955	9 337	20 927	8 167	53 732	29 956
Average per farm ----- dollars, 1987--	49 816	34 959	31 390	56 249	28 550	37 465	70 607	63 065
Livestock and poultry purchased ----- farms, 1987--	245	102	50	85	265	67	373	193
----- 1982--	186	83	40	78	345	40	330	201
----- \$1,000, 1987--	7 191	1 115	652	1 117	2 487	1 024	8 372	11 539
----- 1982--	10 029	382	691	2 054	2 521	569	6 408	8 582
Feed for livestock and poultry ----- farms, 1987--	256	142	85	97	426	125	532	216
----- 1982--	268	154	66	79	478	97	554	263
----- \$1,000, 1987--	3 542	2 004	786	936	4 990	623	23 480	6 724
----- 1982--	4 794	2 194	920	922	6 476	618	19 016	5 789
Commercially mixed formula feeds ----- farms, 1987--	87	28	30	31	215	50	205	67
----- 1982--	81	77	27	33	210	30	211	123
----- \$1,000, 1987--	1 029	627	206	83	2 780	123	21 619	3 150
----- 1982--	1 680	1 364	334	349	4 169	95	15 435	2 570
Seeds, bulbs, plants, and trees ----- farms, 1987--	379	52	62	53	206	89	367	271
----- 1982--	358	79	48	54	220	73	277	272
----- \$1,000, 1987--	801	73	45	35	522	205	380	244
----- 1982--	625	63	29	37	280	80	211	343
Commercial fertilizer <sup>1</sup> ----- farms, 1987--	358	45	59	37	272	86	246	273
----- 1982--	288	48	41	63	279	7	215	205
----- \$1,000, 1987--	1 400	133	72	83	367	175	418	464
----- 1982--	1 007	55	43	221	333	39	317	381
Agricultural chemicals <sup>1</sup> ----- farms, 1987--	497	88	69	53	324	130	453	307
----- 1982--	424	56	59	40	240	49	272	187
----- \$1,000, 1987--	975	116	57	145	234	269	396	247
----- 1982--	1 001	30	42	67	160	62	144	118
Petroleum products ----- farms, 1987--	604	241	125	156	645	217	729	456
----- 1982--	612	250	116	150	791	214	772	470
----- \$1,000, 1987--	2 018	519	303	770	1 059	815	2 235	1 186
----- 1982--	2 808	503	288	926	1 424	729	2 535	1 434
Gasoline and gasohol ----- farms, 1987--	559	216	115	146	550	172	666	409
----- 1982--	584	237	114	139	712	185	736	463
----- \$1,000, 1987--	836	209	157	354	397	343	1 109	561
----- 1982--	1 336	297	184	444	611	316	1 381	783
Diesel fuel ----- farms, 1987--	431	116	98	135	309	169	487	281
----- 1982--	508	132	76	120	325	162	479	298
----- \$1,000, 1987--	943	217	107	336	361	348	667	350
----- 1982--	1 202	148	73	365	341	328	700	467
Natural gas ----- farms, 1987--	26	20	3	12	54	6	14	16
----- 1982--	3	30	-	10	50	6	5	-
----- \$1,000, 1987--	13	17	2	16	229	9	19	55
----- 1982--	1	17	-	18	225	4	1	-
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987--	492	130	102	134	359	150	601	308
----- 1982--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
----- \$1,000, 1987--	227	76	38	64	72	114	439	220
----- 1982--	269	41	(D)	99	(D)	81	453	(D)
Electricity ----- farms, 1987--	345	116	63	126	381	119	466	285
----- 1982--	362	134	69	109	466	94	396	304
----- \$1,000, 1987--	1 344	200	59	222	610	78	713	391
----- 1982--	1 301	125	72	167	535	55	615	352
Hired farm labor ----- farms, 1987--	231	108	71	86	238	128	346	182
----- 1982--	277	135	52	89	295	69	338	191
----- \$1,000, 1987--	2 793	1 393	313	1 102	3 866	640	3 739	1 669
----- 1982--	2 591	1 455	231	1 012	3 514	670	2 813	1 645
Contract labor ----- farms, 1987--	95	27	26	28	117	59	136	85
----- 1982--	60	18	9	11	88	6	80	16
----- \$1,000, 1987--	516	263	50	78	359	153	499	160
----- 1982--	166	39	28	68	224	(D)	247	19
Repair and maintenance ----- farms, 1987--	480	167	119	149	475	203	698	353
----- \$1,000, 1987--	2 083	476	311	874	1 272	829	2 086	1 100
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987--	332	74	47	63	178	92	410	245
----- 1982--	302	109	52	72	234	56	323	247
----- \$1,000, 1987--	844	178	39	146	125	241	531	425
----- 1982--	545	118	52	97	387	126	568	429
Interest paid <sup>3</sup> ----- farms, 1987--	340	96	89	117	207	144	480	292
----- 1982--	374	104	69	95	164	88	384	244
----- \$1,000, 1987--	3 188	822	587	1 307	913	1 157	4 205	2 348
----- 1982--	4 720	807	577	1 292	1 120	1 059	4 649	2 968
Interest paid on debt: Secured by real estate ----- farms, 1987--	271	55	74	92	134	112	403	232
----- \$1,000, 1987--	2 491	451	479	801	670	781	3 260	1 706
Not secured by real estate ----- farms, 1987--	125	58	33	53	97	66	165	140
----- \$1,000, 1987--	697	371	108	506	243	376	945	642
Cash rent ----- farms, 1987--	133	33	30	51	167	39	259	139
----- \$1,000, 1987--	702	411	90	381	570	601	1 127	681
Property taxes paid ----- farms, 1987--	598	259	124	163	664	217	710	426
----- \$1,000, 1987--	934	297	128	334	828	282	942	435
All other farm production expenses ----- farms, 1987--	572	244	123	165	664	218	711	430
----- \$1,000, 1987--	3 003	1 124	463	1 829	2 725	1 075	4 608	2 341

See footnotes at end of table.

**Table 3. Farm Production Expenses: 1987 and 1982—Con.**

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

Item	Summit	Tooele	Uintah	Utah	Wasatch	Washington	Wayne	Weber
Total farm production expenses ----- farms, 1987..	439	300	693	1 724	298	413	217	891
----- \$1,000, 1987..	11 899	8 440	16 574	59 304	6 481	5 597	4 436	20 333
Average per farm ----- dollars, 1987..	27 105	28 132	23 917	34 399	21 748	13 552	20 443	22 821
Livestock and poultry purchased ----- farms, 1987..	170	109	253	594	83	162	81	368
----- 1982..	156	170	229	622	166	132	76	325
----- \$1,000, 1987..	2 883	1 207	3 150	6 171	776	783	395	2 472
----- 1982..	1 532	768	3 405	6 538	1 267	1 457	856	5 024
Feed for livestock and poultry ----- farms, 1987..	257	193	466	912	127	245	103	501
----- 1982..	287	215	428	1 011	174	205	105	599
----- \$1,000, 1987..	2 277	1 075	2 121	15 446	1 398	966	882	4 911
----- 1982..	2 997	2 077	1 406	15 602	1 945	1 863	910	7 354
Commercially mixed formula feeds ----- farms, 1987..	90	101	130	359	34	61	42	211
----- 1982..	101	65	150	413	85	74	29	301
----- \$1,000, 1987..	902	314	386	10 596	368	140	408	2 153
----- 1982..	1 298	(D)	383	10 058	995	473	162	2 983
Seeds, bulbs, plants, and trees ----- farms, 1987..	74	86	135	732	78	109	117	398
----- 1982..	98	79	183	719	151	133	117	347
----- \$1,000, 1987..	(D)	80	101	858	30	71	65	380
----- 1982..	60	63	251	900	56	70	54	284
Commercial fertilizer <sup>1</sup> ----- farms, 1987..	122	58	251	966	83	209	119	339
----- 1982..	144	40	203	960	87	183	94	349
----- \$1,000, 1987..	127	147	312	1 580	49	186	104	418
----- 1982..	93	117	338	1 422	53	170	67	312
Agricultural chemicals <sup>1</sup> ----- farms, 1987..	115	84	203	1 078	107	194	114	407
----- 1982..	65	38	132	826	117	157	45	297
----- \$1,000, 1987..	70	77	125	1 185	77	89	50	184
----- 1982..	21	43	65	914	39	115	13	174
Petroleum products ----- farms, 1987..	416	299	644	1 590	254	366	208	828
----- 1982..	411	304	666	1 820	288	372	180	895
----- \$1,000, 1987..	658	519	1 130	2 869	378	491	475	873
----- 1982..	831	712	1 202	3 646	507	531	441	1 349
Gasoline and gasohol ----- farms, 1987..	388	205	562	1 320	208	312	195	690
----- 1982..	399	289	642	1 634	276	364	165	789
----- \$1,000, 1987..	372	284	582	1 349	194	319	282	429
----- 1982..	506	377	571	1 803	302	331	278	638
Diesel fuel ----- farms, 1987..	227	176	353	953	159	196	157	482
----- 1982..	162	152	340	989	156	150	147	454
----- \$1,000, 1987..	201	175	448	1 041	131	135	150	303
----- 1982..	188	208	443	1 262	136	148	127	478
Natural gas ----- farms, 1987..	58	12	19	90	27	-	10	40
----- 1982..	45	5	16	146	13	7	2	89
----- \$1,000, 1987..	36	15	11	187	28	-	7	49
----- 1982..	45	(D)	5	231	16	-	(D)	111
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987..	257	205	393	965	130	255	161	445
----- 1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
----- \$1,000, 1987..	49	45	89	291	26	36	36	92
----- 1982..	93	(D)	182	351	53	52	(D)	122
Electricity ----- farms, 1987..	239	128	401	922	118	175	145	428
----- 1982..	240	376	376	981	156	198	101	493
----- \$1,000, 1987..	184	399	464	1 554	163	136	128	482
----- 1982..	244	286	341	1 487	217	92	87	497
Hired farm labor ----- farms, 1987..	217	104	213	658	112	127	99	375
----- 1982..	216	97	197	795	98	150	96	404
----- \$1,000, 1987..	1 343	1 266	1 996	7 869	572	432	381	2 207
----- 1982..	1 104	877	832	6 651	988	447	185	1 844
Contract labor ----- farms, 1987..	70	38	68	272	13	47	34	98
----- 1982..	31	24	67	85	18	15	12	75
----- \$1,000, 1987..	277	96	150	1 572	92	89	53	203
----- 1982..	82	27	138	655	40	70	18	150
Repair and maintenance ----- farms, 1987..	342	246	529	1 330	199	284	185	753
----- \$1,000, 1987..	747	737	1 177	3 163	449	433	337	1 377
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987..	123	106	252	716	71	120	94	461
----- 1982..	162	119	254	813	182	150	93	428
----- \$1,000, 1987..	(D)	208	199	789	131	113	93	435
----- 1982..	88	225	147	735	143	105	87	343
Interest paid <sup>3</sup> ----- farms, 1987..	177	125	338	561	94	123	122	218
----- 1982..	184	89	250	704	135	86	93	258
----- \$1,000, 1987..	1 002	1 042	2 156	4 968	486	657	659	1 612
----- 1982..	1 295	1 022	2 838	5 951	1 346	644	595	1 994
Interest paid on debt: ----- farms, 1987..	140	75	275	424	71	101	109	173
Secured by real estate ----- \$1,000, 1987..	736	778	1 592	4 078	403	560	599	1 309
Not secured by real estate ----- farms, 1987..	54	58	125	207	25	47	37	78
----- \$1,000, 1987..	266	265	563	890	82	97	60	304
Cash rent ----- farms, 1987..	101	74	156	493	107	47	25	254
----- \$1,000, 1987..	548	218	645	1 647	412	112	41	620
Property taxes paid ----- farms, 1987..	383	280	692	1 586	292	403	212	857
----- \$1,000, 1987..	394	247	811	1 771	279	345	208	936
All other farm production expenses ----- farms, 1987..	405	270	668	1 531	256	364	203	811
----- \$1,000, 1987..	1 185	1 121	2 037	7 861	1 191	695	563	3 223

<sup>1</sup>Data for 1987 include cost of custom applications.

<sup>2</sup>Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals.

<sup>3</sup>Data for 1982 do not include imputation for item nonresponse.