

**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	Montana	Beaverhead	Big Horn	Blaine	Broadwater	Carbon	Carter
Total farm production expenses ----- farms, 1987--	24 563	373	501	528	213	634	352
\$1,000, 1987--	1 288 298	40 669	48 376	30 836	13 806	29 479	16 639
Average per farm ----- dollars, 1987--	52 449	109 032	96 560	58 402	64 816	46 497	47 271
Livestock and poultry purchased ----- farms, 1987--	8 810	170	162	224	55	251	162
1982--	8 879	118	207	167	86	267	195
\$1,000, 1987--	191 557	7 029	11 840	2 727	1 377	7 526	3 054
1982--	165 312	7 381	5 452	2 010	430	8 162	2 491
Feed for livestock and poultry ----- farms, 1987--	13 691	262	259	307	95	417	242
1982--	14 467	246	292	244	112	410	281
\$1,000, 1987--	119 817	5 719	3 106	1 962	1 362	3 074	1 723
1982--	110 919	5 559	4 367	1 936	1 295	3 055	2 085
Commercially mixed formula feeds ----- farms, 1987--	5 125	102	106	132	41	124	110
1982--	5 000	85	144	88	42	139	121
\$1,000, 1987--	31 530	1 932	531	610	985	429	567
1982--	29 954	1 514	1 181	495	(D)	558	520
Seeds, bulbs, plants, and trees ----- farms, 1987--	11 213	107	212	274	86	317	130
1982--	9 401	79	235	181	72	308	150
\$1,000, 1987--	29 192	433	1 092	825	305	717	174
1982--	20 881	255	1 014	526	169	495	215
Commercial fertilizer <sup>1</sup> ----- farms, 1987--	12 271	179	227	228	134	390	69
1982--	10 984	153	197	158	94	339	77
\$1,000, 1987--	79 449	1 335	2 180	1 727	1 210	1 591	183
1982--	79 823	1 660	1 884	996	1 173	1 755	127
Agricultural chemicals <sup>1</sup> ----- farms, 1987--	15 217	117	306	324	154	409	128
1982--	11 505	57	267	212	95	345	122
\$1,000, 1987--	64 461	379	1 135	1 535	664	781	259
1982--	43 347	264	911	1 379	400	483	352
Petroleum products ----- farms, 1987--	23 109	343	497	502	210	596	342
1982--	23 454	343	462	455	207	597	335
\$1,000, 1987--	100 191	2 017	2 839	2 832	951	2 098	1 393
1982--	136 526	2 781	4 044	3 840	1 133	2 670	1 963
Gasoline and gasohol ----- farms, 1987--	21 891	325	483	486	197	556	337
1982--	22 777	342	450	435	205	587	322
\$1,000, 1987--	48 439	1 123	1 349	1 255	493	1 147	818
1982--	65 881	1 696	1 980	1 728	635	1 445	1 095
Diesel fuel ----- farms, 1987--	16 249	210	333	384	164	420	220
1982--	15 950	203	328	369	81	390	229
\$1,000, 1987--	40 176	678	1 199	1 254	344	715	425
1982--	54 491	713	1 576	1 680	358	898	623
Natural gas ----- farms, 1987--	861	8	32	45	1	46	3
1982--	757	11	5	23	-	36	5
\$1,000, 1987--	1 479	13	70	58	(D)	24	(D)
1982--	1 075	12	9	7	-	32	2
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987--	19 057	273	414	458	162	511	299
1982--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987--	10 097	204	282	265	(D)	211	(D)
1982--	15 079	360	479	424	140	296	243
Electricity ----- farms, 1987--	19 070	322	379	384	190	432	313
1982--	18 569	247	414	320	152	466	309
\$1,000, 1987--	23 779	1 163	721	486	629	411	267
1982--	20 259	814	655	515	459	277	282
Hired farm labor ----- farms, 1987--	9 318	226	187	218	75	135	151
1982--	10 207	179	195	234	81	224	137
\$1,000, 1987--	102 470	5 138	5 136	2 985	1 089	1 269	842
1982--	84 462	3 814	3 426	2 154	905	1 392	707
Contract labor ----- farms, 1987--	4 606	114	54	105	33	154	96
1982--	2 075	23	50	33	26	56	46
\$1,000, 1987--	13 218	382	311	234	93	635	162
1982--	6 016	148	271	61	39	138	83
Repair and maintenance ----- farms, 1987--	21 019	317	431	436	186	560	311
\$1,000, 1987--	93 053	2 027	2 964	2 676	811	1 898	1 192
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987--	8 315	135	229	206	68	240	153
1982--	8 147	98	163	200	81	161	113
\$1,000, 1987--	29 476	832	1 236	972	228	337	378
1982--	30 980	526	1 730	1 426	218	236	282
Interest paid <sup>3</sup> ----- farms, 1987--	14 774	227	335	316	147	472	263
1982--	13 560	187	302	312	106	337	199
\$1,000, 1987--	157 891	5 242	4 754	4 420	1 958	3 834	2 729
1982--	207 237	7 377	6 124	6 215	2 024	3 804	3 182
Interest paid on debt: Secured by real estate ----- farms, 1987--	10 260	166	234	256	102	321	175
\$1,000, 1987--	113 466	3 328	2 417	3 582	1 512	2 714	2 058
Not secured by real estate ----- farms, 1987--	8 076	141	227	146	108	297	154
\$1,000, 1987--	44 425	1 914	2 337	839	446	1 120	671
Cash rent ----- farms, 1987--	7 526	88	251	189	46	222	130
\$1,000, 1987--	65 735	1 366	4 372	2 054	681	1 459	961
Property taxes paid ----- farms, 1987--	22 937	336	465	497	203	597	335
\$1,000, 1987--	65 288	1 737	1 317	1 623	617	1 102	993
All other farm production expenses ----- farms, 1987--	23 375	367	480	527	203	594	344
\$1,000, 1987--	152 722	5 867	5 374	3 777	1 831	2 748	2 330

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	Cascade	Chouteau	Custer	Daniels	Dawson	Deer Lodge	Fallon
Total farm production expenses ----- farms, 1987..	804	795	398	381	499	72	324
\$1,000, 1987..	45 510	62 319	26 591	16 410	21 551	2 993	11 863
Average per farm ----- dollars, 1987..	56 604	78 389	66 812	43 071	43 189	41 569	36 614
Livestock and poultry purchased ----- farms, 1987..	291	191	172	65	223	31	130
1982..	288	140	191	54	129	30	133
\$1,000, 1987..	6 995	2 841	7 394	948	2 148	318	1 332
1982..	13 405	1 592	6 846	663	1 287	649	1 817
Feed for livestock and poultry ----- farms, 1987..	439	259	239	117	281	42	165
1982..	432	278	294	116	343	46	180
\$1,000, 1987..	4 345	2 416	2 794	516	1 337	247	931
1982..	5 034	1 843	3 559	739	1 588	328	1 298
Commercially mixed formula feeds ----- farms, 1987..	146	120	116	32	85	18	59
1982..	175	120	124	38	99	14	62
\$1,000, 1987..	623	552	990	119	315	12	154
1982..	1 132	632	949	132	360	83	338
Seeds, bulbs, plants, and trees ----- farms, 1987..	408	579	182	249	250	16	144
1982..	312	400	141	153	255	6	68
\$1,000, 1987..	871	2 194	389	626	548	111	302
1982..	549	1 168	302	221	439	9	166
Commercial fertilizer <sup>1</sup> ----- farms, 1987..	431	601	175	171	301	29	126
1982..	407	576	163	144	297	18	120
\$1,000, 1987..	3 877	8 756	757	747	1 540	174	494
1982..	3 938	9 102	741	947	1 572	74	366
Agricultural chemicals <sup>1</sup> ----- farms, 1987..	539	706	233	325	351	27	183
1982..	422	583	136	270	288	4	115
\$1,000, 1987..	2 513	5 161	555	1 805	1 476	79	708
1982..	1 682	3 862	429	1 172	1 201	5	354
Petroleum products ----- farms, 1987..	766	778	378	377	469	67	320
1982..	792	718	373	378	485	62	285
\$1,000, 1987..	2 821	5 345	1 605	1 969	2 153	148	1 329
1982..	3 930	7 609	2 309	2 480	3 311	215	1 758
Gasoline and gasohol ----- farms, 1987..	745	746	360	360	444	64	302
1982..	770	706	370	358	482	62	275
\$1,000, 1987..	1 399	2 221	774	903	922	91	706
1982..	1 944	3 123	1 231	978	1 435	131	880
Diesel fuel ----- farms, 1987..	473	662	285	314	352	28	210
1982..	548	665	256	330	402	22	204
\$1,000, 1987..	1 058	2 491	595	890	1 001	45	479
1982..	1 482	3 707	711	1 227	1 460	58	580
Natural gas ----- farms, 1987..	37	34	17	3	24	4	14
1982..	21	38	6	7	37	2	4
\$1,000, 1987..	62	61	33	2	19	(Z)	10
1982..	43	43	27	8	55	(D)	6
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987..	572	739	336	331	419	42	277
1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987..	302	572	204	175	211	11	135
1982..	461	736	340	267	361	(D)	293
Electricity ----- farms, 1987..	592	666	289	299	380	50	204
1982..	633	611	309	314	396	42	234
\$1,000, 1987..	633	886	334	244	369	81	241
1982..	498	710	376	284	426	55	257
Hired farm labor ----- farms, 1987..	315	406	170	111	170	26	83
1982..	359	402	149	173	155	27	103
\$1,000, 1987..	3 945	4 842	2 382	1 015	1 283	257	373
1982..	3 573	4 512	1 847	893	922	329	691
Contract labor ----- farms, 1987..	145	152	77	83	50	8	48
1982..	59	39	13	29	23	6	24
\$1,000, 1987..	390	(D)	200	157	225	51	92
1982..	104	77	27	82	123	57	75
Repair and maintenance ----- farms, 1987..	673	719	308	351	439	52	291
1982..	678	854	527	554	439	180	1 035
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987..	200	322	128	143	187	21	111
1982..	252	377	124	135	192	9	101
\$1,000, 1987..	1 099	(D)	469	610	578	89	224
1982..	847	3 009	634	319	453	11	411
Interest paid <sup>3</sup> ----- farms, 1987..	526	553	265	229	305	36	224
1982..	419	506	227	221	275	31	216
\$1,000, 1987..	5 582	7 686	3 224	2 360	2 787	483	2 010
1982..	6 230	10 012	4 676	3 203	4 417	497	2 288
Interest paid on debt: Secured by real estate ----- farms, 1987..	392	408	188	158	190	33	151
1982..	3 970	5 308	1 981	1 842	1 836	300	1 499
Not secured by real estate ----- farms, 1987..	249	342	131	122	159	21	135
1982..	1 613	2 377	1 243	518	952	184	511
Cash rent ----- farms, 1987..	244	199	138	130	160	20	95
1982..	1 793	2 035	1 076	959	1 023	143	665
Property taxes paid ----- farms, 1987..	737	751	373	360	475	68	307
1982..	2 543	4 002	1 218	1 027	1 335	190	464
All other farm production expenses ----- farms, 1987..	749	774	362	370	468	65	293
1982..	5 426	8 404	2 668	1 873	2 611	441	1 661

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	Fergus	Flathead	Gallatin	Garfield	Glacier	Golden Valley	Granite
Total farm production expenses ----- farms, 1987--	839	825	851	297	405	135	148
\$1,000, 1987--	38 549	19 064	41 058	19 424	31 378	8 198	7 256
Average per farm -----dollars, 1987--	45 946	23 107	48 246	65 400	77 476	60 728	49 026
Livestock and poultry purchased ----- farms, 1987--	337	249	310	141	110	52	77
1982--	388	213	282	127	57	69	76
\$1,000, 1987--	4 896	1 463	3 741	3 330	1 890	1 039	1 506
1982--	3 187	1 437	5 554	4 380	1 402	1 244	1 156
Feed for livestock and poultry ----- farms, 1987--	480	461	549	198	193	84	98
1982--	568	600	520	194	167	101	110
\$1,000, 1987--	2 472	2 131	5 645	2 367	2 793	1 078	845
1982--	2 755	2 089	5 585	2 363	1 937	576	569
Commercially mixed formula feeds ----- farms, 1987--	158	249	241	88	59	30	24
1982--	181	178	229	114	47	32	33
\$1,000, 1987--	686	892	2 598	542	805	212	110
1982--	924	609	2 666	756	507	160	116
Seeds, bulbs, plants, and trees ----- farms, 1987--	351	228	386	119	230	63	41
1982--	319	238	315	67	157	60	33
\$1,000, 1987--	705	414	981	317	1 104	249	36
1982--	601	265	809	160	647	114	63
Commercial fertilizer <sup>1</sup> ----- farms, 1987--	457	399	534	121	220	58	56
1982--	404	411	448	95	204	97	55
\$1,000, 1987--	3 163	1 064	3 101	526	2 542	288	242
1982--	3 123	1 137	2 567	547	2 370	594	282
Agricultural chemicals <sup>1</sup> ----- farms, 1987--	577	383	510	193	297	93	72
1982--	434	320	417	138	198	71	13
\$1,000, 1987--	2 321	476	1 385	1 093	2 310	476	111
1982--	1 357	472	829	606	1 201	211	10
Petroleum products ----- farms, 1987--	809	758	771	291	391	128	138
1982--	805	806	781	263	348	153	153
\$1,000, 1987--	3 820	1 307	2 725	1 562	2 995	526	530
1982--	5 240	1 571	3 381	2 386	2 897	897	762
Gasoline and gasohol ----- farms, 1987--	753	700	717	264	386	126	135
1982--	783	869	761	257	336	144	144
\$1,000, 1987--	1 975	612	1 223	860	1 335	285	340
1982--	2 622	785	1 701	1 195	1 127	455	470
Diesel fuel ----- farms, 1987--	616	417	547	189	305	98	95
1982--	617	377	485	201	280	111	104
\$1,000, 1987--	1 397	532	1 210	528	1 254	180	143
1982--	2 083	577	1 335	947	1 353	338	216
Natural gas ----- farms, 1987--	23	29	47	10	29	1	4
1982--	21	24	26	-	24	-	4
\$1,000, 1987--	44	30	46	8	171	(D)	2
1982--	32	23	37	-	126	-	1
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987--	758	460	622	251	376	109	119
1982--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987--	404	133	246	165	235	(D)	44
1982--	502	185	308	244	291	103	75
Electricity ----- farms, 1987--	681	627	666	204	321	113	131
1982--	624	736	567	240	309	105	123
\$1,000, 1987--	619	640	1 178	312	457	99	197
1982--	645	542	778	361	412	114	143
Hired farm labor ----- farms, 1987--	284	312	304	114	188	53	62
1982--	363	317	328	125	172	59	74
\$1,000, 1987--	2 085	2 525	4 158	1 180	2 626	785	641
1982--	2 494	1 667	3 461	960	1 630	428	766
Contract labor ----- farms, 1987--	141	121	160	64	118	32	24
1982--	85	76	80	47	76	5	12
\$1,000, 1987--	214	133	368	224	368	115	(D)
1982--	179	97	212	135	148	9	22
Repair and maintenance ----- farms, 1987--	719	686	731	256	369	115	118
\$1,000, 1987--	3 354	1 601	2 933	1 147	2 389	479	401
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987--	180	208	253	107	183	49	28
1982--	233	284	281	93	106	56	21
\$1,000, 1987--	637	331	642	610	1 295	145	(D)
1982--	692	307	619	688	1 110	172	35
Interest paid <sup>3</sup> ----- farms, 1987--	561	412	467	175	250	85	90
1982--	481	352	454	157	227	95	88
\$1,000, 1987--	5 202	2 695	4 957	2 500	3 287	902	1 019
1982--	8 398	2 793	5 446	3 522	4 493	1 508	1 135
Interest paid on debt: Secured by real estate ----- farms, 1987--	366	330	310	123	129	50	59
\$1,000, 1987--	3 931	2 129	3 253	1 778	2 165	654	826
Not secured by real estate ----- farms, 1987--	309	160	271	91	172	46	52
\$1,000, 1987--	1 270	566	1 704	722	1 123	247	192
Cash rent ----- farms, 1987--	295	133	262	82	219	77	46
\$1,000, 1987--	1 966	442	2 234	1 001	2 804	564	279
Property taxes paid ----- farms, 1987--	777	787	780	277	330	132	143
\$1,000, 1987--	2 292	1 291	1 981	978	1 283	355	418
All other farm production expenses ----- farms, 1987--	793	763	815	285	374	130	143
\$1,000, 1987--	4 806	2 551	5 028	2 276	3 236	1 098	912

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	Hill	Jefferson	Judith Basin	Lake	Lewis and Clark	Liberty	Lincoln
Total farm production expenses ----- farms, 1987--	712	256	351	1 078	481	295	245
\$1,000, 1987--	46 106	7 101	21 408	27 217	14 214	21 999	3 942
Average per farm -----dollars, 1987--	64 756	27 739	60 990	25 248	29 550	74 574	16 091
Livestock and poultry purchased ----- farms, 1987--	152	111	154	323	210	49	66
1982--	154	111	163	366	209	45	127
\$1,000, 1987--	1 814	1 063	3 222	2 067	1 372	645	458
1982--	1 691	867	2 698	2 734	1 772	794	236
Feed for livestock and poultry ----- farms, 1987--	237	178	220	510	286	78	133
1982--	253	172	216	642	313	90	158
\$1,000, 1987--	1 569	663	1 713	3 374	1 099	1 885	869
1982--	1 937	1 156	2 549	2 522	1 384	1 062	267
Commercially mixed formula feeds ----- farms, 1987--	59	59	79	192	84	35	43
1982--	104	55	56	224	56	47	44
\$1,000, 1987--	553	46	619	1 043	249	599	32
1982--	328	192	576	671	370	237	47
Seeds, bulbs, plants, and trees ----- farms, 1987--	495	44	203	377	128	197	64
1982--	349	54	198	395	76	146	42
\$1,000, 1987--	1 802	135	372	632	162	691	17
1982--	952	115	323	661	381	719	9
Commercial fertilizer <sup>1</sup> ----- farms, 1987--	423	45	203	502	178	196	61
1982--	357	52	192	443	104	138	68
\$1,000, 1987--	5 413	275	1 703	1 116	642	2 215	47
1982--	4 748	148	2 027	1 079	446	2 767	25
Agricultural chemicals <sup>1</sup> ----- farms, 1987--	590	85	251	579	219	254	71
1982--	503	38	213	462	123	220	23
\$1,000, 1987--	4 283	315	1 041	826	561	2 055	13
1982--	3 226	70	795	534	185	1 709	2
Petroleum products ----- farms, 1987--	700	218	333	967	457	295	197
1982--	675	252	325	1 007	418	242	264
\$1,000, 1987--	4 619	560	1 673	1 659	1 303	2 108	269
1982--	5 718	935	2 415	2 202	1 443	2 991	219
Gasoline and gasohol ----- farms, 1987--	663	209	330	901	446	279	183
1982--	650	248	324	980	414	242	246
\$1,000, 1987--	1 667	306	955	932	729	624	190
1982--	2 140	518	1 313	1 238	906	1 188	128
Diesel fuel ----- farms, 1987--	606	87	241	474	224	278	129
1982--	581	134	251	475	194	221	121
\$1,000, 1987--	2 434	148	576	581	319	1 043	60
1982--	2 966	328	847	732	327	1 440	68
Natural gas ----- farms, 1987--	45	2	1	2	26	21	-
1982--	49	1	1	1	15	5	-
\$1,000, 1987--	64	(D)	(D)	(D)	119	30	-
1982--	42	(D)	(D)	(D)	29	4	-
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987--	666	159	288	621	308	287	149
1982--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987--	454	(D)	(D)	(D)	136	211	19
1982--	570	(D)	(D)	(D)	181	360	22
Electricity ----- farms, 1987--	587	190	273	785	370	255	180
1982--	601	189	281	829	348	192	192
\$1,000, 1987--	808	252	333	760	484	338	135
1982--	576	275	288	461	291	239	66
Hired farm labor ----- farms, 1987--	286	76	93	411	105	139	60
1982--	295	99	158	445	127	137	91
\$1,000, 1987--	2 980	559	1 172	2 280	1 646	1 913	436
1982--	2 017	686	1 159	2 221	1 519	1 500	130
Contract labor ----- farms, 1987--	144	36	77	317	50	38	38
1982--	49	30	11	154	66	21	8
\$1,000, 1987--	546	96	204	727	100	(D)	45
1982--	228	51	24	326	82	62	2
Repair and maintenance ----- farms, 1987--	663	218	308	904	369	248	197
\$1,000, 1987--	4 231	505	1 820	2 163	1 186	1 868	453
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987--	256	65	107	349	137	105	21
1982--	313	40	113	437	90	97	29
\$1,000, 1987--	1 472	85	309	544	201	567	5
1982--	1 792	67	263	483	119	998	14
Interest paid <sup>3</sup> ----- farms, 1987--	439	115	182	654	227	151	93
1982--	456	132	227	646	177	153	61
\$1,000, 1987--	6 524	964	2 846	4 324	1 684	(D)	575
1982--	8 195	1 741	4 059	6 329	2 281	3 337	191
Interest paid on debt: Secured by real estate ----- farms, 1987--	326	97	114	444	185	112	75
\$1,000, 1987--	5 215	775	(D)	3 394	1 192	1 742	501
Not secured by real estate ----- farms, 1987--	249	37	114	366	83	87	42
\$1,000, 1987--	1 310	189	(D)	931	491	(D)	74
Cash rent ----- farms, 1987--	198	36	142	268	81	91	8
\$1,000, 1987--	1 807	167	1 384	1 440	350	1 012	5
Property taxes paid ----- farms, 1987--	622	256	329	1 018	468	274	232
\$1,000, 1987--	2 431	558	1 160	2 089	1 191	1 238	284
All other farm production expenses ----- farms, 1987--	711	226	327	1 023	436	288	207
\$1,000, 1987--	5 808	904	2 455	3 217	2 234	3 034	330

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	McCone	Madison	Meagher	Mineral	Missoula	Musselshell	Park
Total farm production expenses ----- farms, 1987 ..	441	454	144	58	472	250	405
----- \$1,000, 1987 ..	21 301	28 931	12 392	662	6 384	11 574	15 860
Average per farm ----- dollars, 1987 ..	48 301	63 725	86 053	11 412	13 546	46 294	39 160
Livestock and poultry purchased ----- farms, 1987 ..	118	222	79	16	164	114	184
----- 1982 ..	131	184	69	20	191	102	226
----- \$1,000, 1987 ..	910	5 867	1 339	48	537	1 359	2 271
----- 1982 ..	922	3 088	1 966	82	490	832	2 505
Feed for livestock and poultry ----- farms, 1987 ..	182	317	88	33	278	176	283
----- 1982 ..	209	313	91	48	309	177	340
----- \$1,000, 1987 ..	1 063	2 469	1 087	133	387	1 228	1 720
----- 1982 ..	952	2 538	957	127	589	1 280	1 206
Commercially mixed formula feeds ----- farms, 1987 ..	46	107	26	15	101	59	93
----- 1982 ..	57	73	39	14	131	41	112
----- \$1,000, 1987 ..	155	785	185	32	77	401	409
----- 1982 ..	276	372	251	(D)	257	275	278
Seeds, bulbs, plants, and trees ----- farms, 1987 ..	312	158	58	15	124	88	136
----- 1982 ..	198	162	30	10	124	82	137
----- \$1,000, 1987 ..	794	340	149	12	92	262	188
----- 1982 ..	450	347	62	6	77	385	156
Commercial fertilizer <sup>1</sup> ----- farms, 1987 ..	278	233	48	23	191	80	147
----- 1982 ..	220	213	54	21	144	113	134
----- \$1,000, 1987 ..	1 374	1 231	596	24	205	422	468
----- 1982 ..	1 229	1 358	877	13	123	715	633
Agricultural chemicals <sup>1</sup> ----- farms, 1987 ..	372	226	87	22	171	133	230
----- 1982 ..	247	117	51	13	102	63	153
----- \$1,000, 1987 ..	1 990	440	325	7	155	668	291
----- 1982 ..	1 103	140	153	3	78	254	272
Petroleum products ----- farms, 1987 ..	438	404	141	53	395	236	368
----- 1982 ..	425	439	117	79	443	259	398
----- \$1,000, 1987 ..	2 413	1 951	830	40	456	829	1 195
----- 1982 ..	3 081	2 502	1 069	60	623	1 348	1 485
Gasoline and gasohol ----- farms, 1987 ..	423	399	130	45	376	233	346
----- 1982 ..	403	435	117	76	435	244	372
----- \$1,000, 1987 ..	1 083	1 078	477	26	272	426	686
----- 1982 ..	1 369	1 610	599	43	377	686	789
Diesel fuel ----- farms, 1987 ..	384	266	81	27	195	124	230
----- 1982 ..	331	225	80	23	206	175	263
----- \$1,000, 1987 ..	1 104	647	224	12	136	298	384
----- 1982 ..	1 394	646	274	9	162	520	504
Natural gas ----- farms, 1987 ..	10	22	4	-	2	3	9
----- 1982 ..	9	16	1	-	2	2	11
----- \$1,000, 1987 ..	15	28	4	-	(D)	(D)	18
----- 1982 ..	12	13	(D)	-	(D)	(D)	11
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987 ..	402	330	103	28	186	177	283
----- 1982 ..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
----- \$1,000, 1987 ..	211	199	126	3	(D)	(D)	108
----- 1982 ..	305	233	(D)	(D)	(D)	(D)	151
Electricity ----- farms, 1987 ..	330	333	102	39	405	220	332
----- 1982 ..	301	283	92	52	361	217	298
----- \$1,000, 1987 ..	(D)	864	205	34	360	200	315
----- 1982 ..	353	819	154	19	257	165	231
Hired farm labor ----- farms, 1987 ..	182	247	71	14	158	86	150
----- 1982 ..	103	284	67	23	216	95	169
----- \$1,000, 1987 ..	974	3 317	1 659	51	826	976	1 294
----- 1982 ..	1 092	3 136	1 379	56	511	843	1 267
Contract labor ----- farms, 1987 ..	62	90	38	10	56	49	66
----- 1982 ..	40	46	19	6	6	16	35
----- \$1,000, 1987 ..	(D)	238	237	4	191	99	178
----- 1982 ..	67	213	256	8	(D)	44	42
Repair and maintenance ----- farms, 1987 ..	383	403	131	40	380	209	345
----- \$1,000, 1987 ..	2 127	1 937	992	59	622	636	1 109
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987 ..	207	112	52	9	100	63	128
----- 1982 ..	162	82	51	18	117	70	139
----- \$1,000, 1987 ..	786	276	287	11	51	419	287
----- 1982 ..	605	301	562	10	97	333	257
Interest paid <sup>3</sup> ----- farms, 1987 ..	297	289	78	28	168	126	239
----- 1982 ..	266	277	80	33	207	151	197
----- \$1,000, 1987 ..	3 035	4 113	1 494	59	635	1 566	2 971
----- 1982 ..	3 157	7 128	2 203	86	1 204	3 059	3 505
Interest paid on debt: Secured by real estate ----- farms, 1987 ..	182	224	64	20	130	99	195
----- \$1,000, 1987 ..	2 271	3 010	1 162	(D)	570	1 044	2 239
Not secured by real estate ----- farms, 1987 ..	196	172	35	11	42	62	101
----- \$1,000, 1987 ..	764	1 103	333	(D)	65	521	731
Cash rent ----- farms, 1987 ..	157	105	52	9	103	89	75
----- \$1,000, 1987 ..	1 259	810	943	13	342	1 040	445
Property taxes paid ----- farms, 1987 ..	426	439	131	55	451	235	367
----- \$1,000, 1987 ..	1 410	1 770	547	59	610	402	1 001
All other farm production expenses ----- farms, 1987 ..	441	433	138	50	394	236	393
----- \$1,000, 1987 ..	2 567	3 308	1 701	108	924	1 467	2 128

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	Petroleum	Phillips	Pondera	Powder River	Powell	Prairie	Ravalli
Total farm production expenses ----- farms, 1987..	111	492	492	350	238	190	1 010
\$1,000, 1987..	6 963	31 075	33 692	17 190	11 727	15 558	20 100
Average per farm -----dollars, 1987..	62 733	63 161	68 479	49 115	49 272	81 887	19 901
Livestock and poultry purchased ----- farms, 1987..	58	233	142	154	98	104	361
1982..	47	219	145	156	109	91	442
\$1,000, 1987..	1 223	5 614	973	3 463	1 084	3 817	2 801
1982..	1 538	4 185	1 329	2 524	2 136	3 139	4 319
Feed for livestock and poultry ----- farms, 1987..	71	331	233	263	170	142	654
1982..	63	282	257	275	158	143	748
\$1,000, 1987..	948	2 664	1 601	1 779	1 210	1 839	4 266
1982..	486	2 643	1 833	1 892	774	1 538	4 184
Commercially mixed formula feeds ----- farms, 1987..	26	108	115	117	53	55	240
1982..	23	74	86	85	54	63	301
\$1,000, 1987..	102	323	381	611	583	240	1 884
1982..	145	232	433	413	182	490	1 771
Seeds, bulbs, plants, and trees ----- farms, 1987..	41	230	344	102	39	115	194
1982..	31	246	277	112	60	90	169
\$1,000, 1987..	77	675	1 078	170	124	261	121
1982..	43	412	721	126	87	177	164
Commercial fertilizer <sup>1</sup> ----- farms, 1987..	27	231	388	98	100	132	460
1982..	23	206	359	74	74	110	460
\$1,000, 1987..	143	1 274	4 799	341	612	725	605
1982..	126	826	5 969	226	455	559	631
Agricultural chemicals <sup>1</sup> ----- farms, 1987..	61	332	405	185	130	129	303
1982..	40	299	363	95	50	103	258
\$1,000, 1987..	183	1 926	2 475	474	468	540	240
1982..	63	924	2 097	205	58	465	219
Petroleum products ----- farms, 1987..	106	479	472	344	202	182	923
1982..	99	494	486	338	209	183	1 013
\$1,000, 1987..	482	2 680	3 086	1 508	732	1 059	971
1982..	637	3 552	4 410	1 908	1 054	1 351	1 496
Gasoline and gasohol ----- farms, 1987..	103	451	433	338	194	182	836
1982..	99	487	485	328	209	178	983
\$1,000, 1987..	297	1 268	1 348	832	433	528	583
1982..	381	1 622	1 813	1 072	641	687	880
Diesel fuel ----- farms, 1987..	68	388	391	254	128	134	405
1982..	79	410	411	202	131	152	353
\$1,000, 1987..	143	1 073	1 314	464	190	415	269
1982..	189	1 497	2 017	606	245	468	432
Natural gas ----- farms, 1987..	1	22	32	1	3	1	24
1982..	1	32	28	6	11	5	17
\$1,000, 1987..	(D)	61	60	(D)	(D)	(D)	35
1982..	(D)	16	30	3	4	4	23
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987..	96	395	429	309	169	168	559
1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987..	(D)	278	364	(D)	(D)	(D)	84
1982..	(D)	417	549	226	164	191	161
Electricity ----- farms, 1987..	92	369	444	298	211	158	771
1982..	83	400	401	299	161	155	777
\$1,000, 1987..	116	465	638	(D)	427	209	594
1982..	123	484	538	214	229	177	704
Hired farm labor ----- farms, 1987..	53	190	274	122	112	78	358
1982..	58	231	279	115	99	63	379
\$1,000, 1987..	575	1 948	3 032	995	1 514	723	1 630
1982..	464	1 390	2 232	1 060	1 163	571	1 425
Contract labor ----- farms, 1987..	25	108	103	35	21	39	222
1982..	12	57	38	19	12	30	49
\$1,000, 1987..	66	345	295	(D)	94	(D)	213
1982..	19	78	169	30	47	106	72
Repair and maintenance ----- farms, 1987..	95	431	446	327	206	168	825
1982..	379	2 345	3 044	1 198	758	1 019	1 235
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987..	33	183	240	123	59	97	348
1982..	28	203	177	116	67	87	291
\$1,000, 1987..	166	819	811	323	79	278	345
1982..	65	862	791	610	81	241	224
Interest paid <sup>3</sup> ----- farms, 1987..	78	300	301	208	153	140	475
1982..	68	321	332	182	109	115	466
\$1,000, 1987..	994	3 926	3 051	2 510	1 622	1 966	2 611
1982..	1 627	5 800	5 416	2 860	1 967	1 803	3 519
Interest paid on debt: Secured by real estate ----- farms, 1987..	54	197	191	131	93	94	366
1982..	670	2 811	2 270	1 746	1 404	1 341	2 139
Not secured by real estate ----- farms, 1987..	49	173	181	111	93	75	184
1982..	324	1 115	781	764	217	625	471
Cash rent ----- farms, 1987..	40	118	176	159	48	82	183
1982..	314	1 259	1 694	1 106	402	(D)	763
\$1,000, 1987..	105	459	452	328	231	187	942
1982..	303	1 483	2 073	870	660	621	1 294
All other farm production expenses ----- farms, 1987..	108	488	492	350	236	184	944
1982..	995	3 652	5 043	2 122	1 941	1 567	2 411

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	Richland	Roosevelt	Rosebud	Sanders	Sheridan	Silver Bow	Stillwater
Total farm production expenses ----- farms, 1987--	620	598	362	382	600	114	447
\$1,000, 1987--	38 208	23 415	27 066	8 039	19 326	1 954	21 417
Average per farm ----- dollars, 1987--	61 627	39 155	74 769	21 046	32 209	17 141	47 914
Livestock and poultry purchased ----- farms, 1987--	201	166	140	140	140	32	203
1982--	206	144	182	159	110	49	236
\$1,000, 1987--	6 690	1 056	5 179	686	652	253	5 031
1982--	4 120	1 406	3 373	477	1 131	252	3 617
Feed for livestock and poultry ----- farms, 1987--	296	238	269	277	215	76	298
1982--	287	269	279	226	266	89	323
\$1,000, 1987--	2 425	538	2 290	1 090	708	264	2 683
1982--	1 259	1 110	2 298	555	764	306	1 963
Commercially mixed formula feeds ----- farms, 1987--	137	77	93	86	54	24	96
1982--	80	52	131	70	58	17	131
\$1,000, 1987--	497	148	405	183	88	38	732
1982--	362	86	694	81	117	55	688
Seeds, bulbs, plants, and trees ----- farms, 1987--	372	405	145	101	345	14	140
1982--	286	333	127	74	309	11	153
\$1,000, 1987--	1 120	778	445	130	780	9	300
1982--	743	638	547	76	404	8	273
Commercial fertilizer <sup>1</sup> ----- farms, 1987--	383	294	120	145	272	30	199
1982--	373	198	128	60	210	13	166
\$1,000, 1987--	2 549	965	932	200	988	50	891
1982--	2 028	794	1 009	102	916	39	1 174
Agricultural chemicals <sup>1</sup> ----- farms, 1987--	411	537	186	119	505	54	246
1982--	348	428	123	32	449	13	192
\$1,000, 1987--	2 411	2 598	834	151	2 285	75	763
1982--	1 286	1 573	657	34	1 593	12	503
Petroleum products ----- farms, 1987--	583	576	351	318	581	96	437
1982--	549	583	351	379	586	105	425
\$1,000, 1987--	3 390	2 845	1 906	628	2 719	169	1 357
1982--	4 537	4 219	2 843	712	3 937	224	2 536
Gasoline and gasohol ----- farms, 1987--	535	558	327	311	536	96	407
1982--	527	532	351	374	555	105	423
\$1,000, 1987--	1 510	1 159	1 052	388	1 162	108	760
1982--	2 022	1 707	1 594	458	1 659	135	1 340
Diesel fuel ----- farms, 1987--	497	516	219	207	510	43	294
1982--	476	519	204	231	546	32	273
\$1,000, 1987--	1 510	1 361	646	182	1 276	44	446
1982--	1 964	1 992	894	196	1 901	58	908
Natural gas ----- farms, 1987--	22	31	18	-	-	2	20
1982--	33	5	15	1	-	7	20
\$1,000, 1987--	40	14	29	-	-	(D)	13
1982--	29	4	10	(D)	-	4	19
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987--	499	513	306	239	529	67	359
1982--	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987--	329	311	179	58	281	(D)	138
1982--	522	515	345	(D)	377	27	268
Electricity ----- farms, 1987--	431	452	287	290	499	69	365
1982--	487	405	250	280	422	71	347
\$1,000, 1987--	550	396	461	243	428	88	302
1982--	500	413	440	132	468	80	262
Hired farm labor ----- farms, 1987--	219	247	127	119	200	38	160
1982--	252	259	156	112	194	39	191
\$1,000, 1987--	2 645	1 305	2 389	1 102	1 158	122	1 610
1982--	1 820	1 531	2 053	818	1 007	276	1 634
Contract labor ----- farms, 1987--	153	100	87	37	69	15	163
1982--	87	51	26	35	38	7	36
\$1,000, 1987--	677	300	298	34	132	24	274
1982--	317	220	248	21	72	14	86
Repair and maintenance ----- farms, 1987--	499	532	320	323	535	81	359
1982--	3 015	2 307	1 666	672	2 193	176	1 300
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987--	230	207	115	51	254	15	176
1982--	163	239	97	115	235	15	191
\$1,000, 1987--	870	741	639	63	587	16	294
1982--	426	649	1 226	109	451	17	434
Interest paid <sup>3</sup> ----- farms, 1987--	435	388	178	187	364	45	246
1982--	292	382	167	176	324	47	212
\$1,000, 1987--	5 037	2 504	2 954	1 344	2 066	234	2 246
1982--	4 665	4 878	3 875	1 391	2 886	334	2 361
Interest paid on debt: Secured by real estate ----- farms, 1987--	278	206	115	163	195	35	151
1982--	3 863	1 633	2 181	1 086	1 500	149	1 533
Not secured by real estate ----- farms, 1987--	221	257	95	62	228	13	141
1982--	1 174	871	773	258	566	85	713
Cash rent ----- farms, 1987--	220	312	126	65	183	11	189
1982--	1 440	2 764	2 864	95	1 216	29	1 177
Property taxes paid ----- farms, 1987--	546	544	316	370	524	110	414
1982--	1 609	1 102	1 029	514	898	178	1 154
All other farm production expenses ----- farms, 1987--	579	567	349	332	599	104	425
1982--	3 780	3 218	3 180	1 086	2 517	267	2 038

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	Sweet Grass	Teton	Toole	Treasure	Valley	Wheatland	Wibaux	Yellowstone
Total farm production expenses ----- farms, 1987..	308	621	393	121	719	145	192	1 042
\$1,000, 1987..	12 276	51 383	25 471	11 195	34 769	11 738	7 616	87 051
Average per farm ----- dollars, 1987..	39 856	82 743	64 811	92 520	48 357	80 952	39 669	83 542
Livestock and poultry purchased ----- farms, 1987..	182	203	77	60	221	77	70	403
1982..	157	159	60	58	234	72	114	415
\$1,000, 1987..	1 825	11 482	593	2 599	2 586	2 135	485	34 964
1982..	1 666	9 657	345	1 613	2 931	1 752	875	21 705
Feed for livestock and poultry ----- farms, 1987..	253	286	137	91	354	95	121	635
1982..	214	262	146	76	335	120	157	627
\$1,000, 1987..	1 522	6 705	1 131	858	1 860	1 309	455	15 551
1982..	1 186	3 892	1 120	706	1 661	1 210	946	11 509
Commercially mixed formula feeds ----- farms, 1987..	123	166	86	37	106	29	35	244
1982..	80	69	75	27	93	52	55	206
\$1,000, 1987..	501	611	455	437	243	226	74	3 918
1982..	377	572	530	325	415	524	179	2 547
Seeds, bulbs, plants, and trees ----- farms, 1987..	119	418	295	53	395	66	100	409
1982..	81	370	202	57	306	55	71	429
\$1,000, 1987..	167	1 181	642	294	862	152	234	1 250
1982..	87	834	949	171	512	189	175	1 014
Commercial fertilizer <sup>1</sup> ----- farms, 1987..	91	531	202	56	283	81	129	505
1982..	133	525	141	47	245	76	111	542
\$1,000, 1987..	298	5 280	1 845	653	1 409	645	519	2 500
1982..	438	6 217	1 428	482	1 443	759	380	2 676
Agricultural chemicals <sup>1</sup> ----- farms, 1987..	173	531	333	75	527	91	135	532
1982..	94	471	267	50	393	71	121	410
\$1,000, 1987..	169	2 562	2 506	311	2 608	482	559	1 648
1982..	114	1 780	2 147	159	1 950	365	368	1 068
Petroleum products ----- farms, 1987..	307	581	366	116	699	137	191	929
1982..	292	625	354	107	653	150	184	1 045
\$1,000, 1987..	833	2 977	2 623	725	3 812	753	904	3 162
1982..	1 226	4 529	3 653	789	4 807	1 269	1 514	4 090
Gasoline and gasohol ----- farms, 1987..	296	532	352	112	667	130	176	870
1982..	272	615	351	107	629	149	182	992
\$1,000, 1987..	505	1 379	1 104	356	1 774	427	406	1 578
1982..	707	2 137	1 458	391	2 205	721	740	1 950
Diesel fuel ----- farms, 1987..	210	499	330	71	568	88	162	589
1982..	178	499	298	68	577	114	152	575
\$1,000, 1987..	239	1 288	1 252	300	1 638	224	362	1 216
1982..	308	1 795	1 790	317	2 131	417	593	1 634
Natural gas ----- farms, 1987..	17	6	14	2	27	14	15	31
1982..	5	22	28	-	45	11	7	51
\$1,000, 1987..	4	12	38	(D)	27	37	23	83
1982..	6	83	93	-	34	25	8	73
LP gas, fuel oil, kerosene, motor oil, grease, etc. ----- farms, 1987..	287	544	359	97	640	97	172	709
1982..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
\$1,000, 1987..	85	299	228	(D)	373	64	113	284
1982..	206	514	312	82	436	105	173	433
Electricity ----- farms, 1987..	246	487	330	102	550	101	149	725
1982..	241	499	298	81	468	119	182	756
\$1,000, 1987..	278	594	330	196	695	172	(D)	741
1982..	243	581	251	122	479	215	176	633
Hired farm labor ----- farms, 1987..	136	234	206	53	276	60	59	329
1982..	137	325	194	54	256	81	87	481
\$1,000, 1987..	1 149	2 568	2 467	1 101	2 467	1 253	383	5 684
1982..	1 520	2 415	2 157	717	1 392	958	456	3 315
Contract labor ----- farms, 1987..	72	125	63	21	118	32	31	117
1982..	22	27	58	13	25	18	3	97
\$1,000, 1987..	129	438	235	131	278	(D)	(D)	535
1982..	41	128	258	96	104	81	(D)	277
Repair and maintenance ----- farms, 1987..	280	518	350	97	602	113	174	872
\$1,000, 1987..	783	2 540	2 479	733	2 713	793	771	3 392
Customwork, machine hire, and rental of machinery and equipment <sup>2</sup> ----- farms, 1987..	81	253	182	45	285	36	78	362
1982..	92	242	134	54	282	36	73	362
\$1,000, 1987..	167	1 212	1 054	138	1 040	(D)	169	1 300
1982..	140	1 096	1 415	129	1 131	129	336	795
Interest paid <sup>3</sup> ----- farms, 1987..	227	408	262	78	476	82	139	580
1982..	161	461	260	59	439	90	126	516
\$1,000, 1987..	1 901	4 709	3 095	1 081	5 372	(D)	1 026	5 686
1982..	1 519	6 645	3 668	774	6 167	2 053	1 656	7 554
Interest paid on debt: Secured by real estate ----- farms, 1987..	179	296	192	42	316	51	88	419
\$1,000, 1987..	1 192	3 278	2 440	718	3 855	860	738	3 808
Not secured by real estate ----- farms, 1987..	104	216	159	46	275	66	84	313
\$1,000, 1987..	709	1 432	654	364	1 517	(D)	288	1 878
Cash rent ----- farms, 1987..	124	169	119	62	245	69	97	289
\$1,000, 1987..	624	2 057	1 491	789	2 446	(D)	594	2 234
Property taxes paid ----- farms, 1987..	308	578	366	111	675	140	177	1 011
\$1,000, 1987..	889	2 263	1 275	411	2 154	570	292	2 131
All other farm production expenses ----- farms, 1987..	300	621	382	121	692	140	183	977
\$1,000, 1987..	1 541	4 815	3 395	1 175	4 465	1 195	937	6 274

<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.