

Table 38. Machinery and Equipment on Operation: 2002 and 1997

[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	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment								
farms, 2002	24,837	342	504	544	248	632	270	
1997	27,586	410	590	599	248	716	314	
\$1,000, 2002	2,085,701	33,024	46,058	59,134	24,668	41,290	29,510	
1997	2,028,280	39,099	45,821	53,151	25,129	41,976	23,831	
Average per farm	dollars, 2002	83,976	96,562	91,386	108,702	99,468	65,333	109,296
1997	73,526	95,362	77,663	88,733	101,329	58,626	75,894	
Farms by value group:								
\$1 to \$9,999	2002	6,476	64	167	85	56	197	37
1997	5,462	86	118	158	48	167	15	
\$10,000 to \$19,999	2002	3,184	46	25	45	37	106	7
1997	4,086	66	92	71	25	108	21	
\$20,000 to \$29,999	2002	2,269	14	45	51	14	50	14
1997	3,319	40	69	44	15	103	25	
\$30,000 to \$49,999	2002	2,525	46	49	70	23	45	46
1997	3,698	48	60	96	22	80	95	
\$50,000 to \$69,999	2002	2,152	43	38	37	26	60	30
1997	2,348	15	29	30	34	73	50	
\$70,000 to \$99,999	2002	1,745	40	36	68	18	40	22
1997	2,200	25	88	20	27	63	41	
\$100,000 to \$199,999	2002	3,235	51	65	81	35	77	55
1997	3,577	75	74	82	36	76	47	
\$200,000 to \$499,999	2002	2,707	29	65	95	31	48	51
1997	2,494	42	52	86	34	44	16	
\$500,000 or more	2002	544	9	14	12	8	8	
1997	402	13	8	12	7	2	4	
SELECTED MACHINERY AND EQUIPMENT								
Tractors	farms, 2002	21,234	275	435	400	212	581	251
1997	23,115	323	435	519	222	586	261	
number, 2002	52,460	933	1,137	1,304	525	1,358	731	
1997	55,574	1,100	1,058	1,182	573	1,547	849	
Less than 40 horsepower (PTO)	farms, 2002	10,101	161	205	176	110	281	96
1997	10,825	164	192	215	102	290	150	
number, 2002	13,897	355	296	273	146	402	144	
1997	15,414	415	282	261	146	402	253	
40 to 99 horsepower (PTO)	farms, 2002	13,569	167	230	242	131	361	188
1997	15,050	277	266	343	162	474	216	
number, 2002	20,460	355	381	426	182	555	311	
1997	22,310	509	387	(D)	270	(D)	365	
100 horsepower (PTO) or more	farms, 2002	9,915	107	197	300	112	230	151
1997	11,120	108	235	231	87	210	150	
number, 2002	18,103	223	460	605	197	401	276	
1997	17,850	176	389	(D)	157	(D)	231	
Grain and bean combines (see text)	farms, 2002	6,143	22	92	203	46	112	61
1997	7,421	28	123	162	71	104	68	
number, 2002	7,569	27	111	261	58	121	67	
1997	9,255	44	154	200	106	149	82	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	
number, 2002	-	-	-	-	-	-	-	
1997	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms, 2002	2,532	36	59	72	29	76	28
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
number, 2002	2,811	37	65	75	31	76	33	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	11,348	153	239	280	114	370	178
1997	10,812	201	239	229	78	355	197	
number, 2002	13,436	191	283	339	130	428	228	
1997	13,642	263	289	299	121	466	287	
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors	farms	2,225	47	49	45	20	39	32
number	2,892	93	73	67	27	39	53	
Less than 40 horsepower (PTO)	farms	475	19	6	2	2	2	1
number	517	21	9	(D)	(D)	(D)	(D)	
40 to 99 horsepower (PTO)	farms	784	14	15	7	6	20	7
number	860	33	17	(D)	(D)	20	(D)	
100 horsepower (PTO) or more	farms	1,174	22	33	40	12	17	29
number	1,515	39	47	57	18	(D)	41	
Grain and bean combines	farms	393	2	7	12	6	-	3
number	440	(D)	8	13	8	-	3	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	256	11	1	8	7	3	9
number	269	11	(D)	8	7	3	10	
Hay balers	farms	1,484	29	24	44	21	25	35
number	1,586	43	24	45	26	25	38	
Manufactured prior to 1998:								
Tractors	farms	20,536	257	417	397	205	568	249
number	49,568	840	1,064	1,237	498	1,319	678	
Less than 40 horsepower (PTO)	farms	9,702	143	199	174	108	279	95
number	13,380	334	287	(D)	(D)	(D)	(D)	
40 to 99 horsepower (PTO)	farms	13,056	165	219	237	126	355	185
number	19,600	322	364	(D)	(D)	535	(D)	
100 horsepower (PTO) or more	farms	9,443	101	181	287	104	219	143
number	16,588	184	413	548	179	(D)	235	
Grain and bean combines	farms	5,833	21	86	192	41	112	58
number	7,129	(D)	103	248	50	121	64	

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - 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	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment								
farms, 2002	955	720	382	355	424	97	276	
1997	1,044	821	449	402	539	102	327	
\$1,000, 2002	56,125	97,356	26,994	41,810	45,331	5,726	23,677	
1997	58,918	119,072	28,746	41,837	45,918	4,870	23,116	
Average per farm	dollars, 2002	58,769	135,216	70,665	117,776	106,914	59,034	85,786
1997	56,435	145,032	64,023	104,073	85,191	47,746	70,691	
Farms by value group:								
\$1 to \$9,999	2002	270	94	67	82	82	31	74
1997	289	65	142	47	62	22	65	
\$10,000 to \$19,999	2002	162	35	40	48	31	13	22
1997	229	40	50	54	75	16	48	
\$20,000 to \$29,999	2002	144	60	54	19	33	12	20
1997	135	93	51	48	87	12	31	
\$30,000 to \$49,999	2002	83	93	59	32	28	11	26
1997	103	56	72	45	64	24	19	
\$50,000 to \$69,999	2002	110	61	55	27	57	7	26
1997	54	31	18	56	36	5	18	
\$70,000 to \$99,999	2002	32	66	20	24	31	6	18
1997	63	80	34	40	67	12	59	
\$100,000 to \$199,999	2002	100	146	59	44	83	8	52
1997	97	207	20	29	70	8	51	
\$200,000 to \$499,999	2002	43	131	23	62	65	9	37
1997	63	204	59	68	67	5	25	
\$500,000 or more	2002	11	34	5	17	11	1	
1997	11	45	3	15	14	-	2	
SELECTED MACHINERY AND EQUIPMENT								
Tractors	farms, 2002	842	682	342	276	383	80	265
1997	913	751	365	301	487	88	307	
number, 2002	1,998	1,937	826	686	1,050	205	634	
1997	1,983	2,101	759	882	1,183	217	696	
Less than 40 horsepower (PTO)	farms, 2002	497	225	166	64	164	46	75
1997	474	302	163	56	182	56	136	
number, 2002	671	333	235	84	206	84	99	
1997	679	368	225	81	257	95	170	
40 to 99 horsepower (PTO)	farms, 2002	525	355	202	145	221	55	183
1997	545	505	201	219	283	55	199	
number, 2002	772	543	316	214	352	85	284	
1997	747	657	(D)	389	442	(D)	293	
100 horsepower (PTO) or more	farms, 2002	304	576	147	214	281	25	150
1997	356	662	152	234	321	18	147	
number, 2002	555	1,061	275	388	492	36	251	
1997	557	1,076	(D)	412	484	(D)	233	
Grain and bean combines (see text)	farms, 2002	159	418	69	166	164	4	93
1997	210	511	87	219	204	8	133	
number, 2002	236	559	86	220	190	4	110	
1997	289	674	107	259	233	8	156	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	182	51	39	14	52	9	59
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	185	54	45	15	55	10	60	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	473	290	216	88	216	40	169
1997	410	235	234	77	234	42	161	
number, 2002	594	347	245	105	246	47	195	
1997	466	344	303	84	274	52	191	
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors	farms	30	53	28	41	30	1	33
number	44	73	32	48	32	(D)	38	
Less than 40 horsepower (PTO)	farms	2	4	-	6	-	1	6
number	(D)	4	-	(D)	-	(D)	6	
40 to 99 horsepower (PTO)	farms	19	13	15	2	1	-	3
number	(D)	13	16	(D)	(D)	-	3	
100 horsepower (PTO) or more	farms	15	50	14	35	29	-	27
number	21	56	16	40	(D)	-	29	
Grain and bean combines	farms	15	12	1	19	20	-	1
number	19	23	(D)	21	20	-	(D)	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	16	2	4	1	3	1	3
number	17	(D)	4	(D)	3	(D)	3	
Hay balers	farms	35	30	14	10	44	5	32
number	38	32	14	10	44	(D)	33	
Manufactured prior to 1998:								
Tractors	farms	828	671	330	262	383	80	258
number	1,954	1,864	794	638	1,018	(D)	596	
Less than 40 horsepower (PTO)	farms	497	223	166	62	164	46	69
number	(D)	329	235	(D)	206	(D)	93	
40 to 99 horsepower (PTO)	farms	511	353	190	145	221	55	181
number	(D)	530	300	(D)	(D)	85	281	
100 horsepower (PTO) or more	farms	297	552	145	199	271	25	137
number	534	1,005	259	348	(D)	36	222	
Grain and bean combines	farms	146	406	68	150	144	4	92
number	217	536	(D)	199	170	4	(D)	

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - 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	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment								
..... farms, 2002	698	914	998	256	412	127	125	
..... farms, 1997	891	1,102	995	245	498	125	133	
..... \$1,000, 2002	67,717	38,994	76,561	28,656	45,395	10,192	9,701	
..... farms, 1997	69,434	37,469	61,145	23,543	35,037	12,940	9,192	
Average per farm	dollars, 2002	97,016	42,663	76,714	111,938	110,183	80,251	77,608
..... farms, 1997	77,929	34,001	61,452	96,093	70,356	103,521	69,110	
Farms by value group:								
\$1 to \$9,999	2002	191	337	383	45	77	34	27
..... farms, 1997	141	256	196	44	43	5	20	
\$10,000 to \$19,999	2002	42	226	104	19	39	13	10
..... farms, 1997	144	345	182	8	84	16	11	
\$20,000 to \$29,999	2002	38	67	126	8	38	11	6
..... farms, 1997	109	194	145	15	138	16	21	
\$30,000 to \$49,999	2002	54	94	75	40	49	16	21
..... farms, 1997	118	163	127	34	41	27	21	
\$50,000 to \$69,999	2002	82	33	14	28	30	15	14
..... farms, 1997	50	49	81	27	54	11	16	
\$70,000 to \$99,999	2002	113	38	77	21	39	6	13
..... farms, 1997	72	13	65	29	49	8	17	
\$100,000 to \$199,999	2002	88	72	79	49	77	17	21
..... farms, 1997	159	48	132	63	50	18	16	
\$200,000 to \$499,999	2002	67	43	123	38	44	13	13
..... farms, 1997	88	25	58	23	32	19	10	
\$500,000 or more	2002	23	4	17	8	19	2	-
..... farms, 1997	10	9	9	2	7	5	1	
SELECTED MACHINERY AND EQUIPMENT								
Tractors	farms, 2002	650	749	929	223	368	102	107
..... farms, 1997	730	946	857	216	292	98	108	
..... number, 2002	1,774	1,313	1,799	672	785	287	350	
..... farms, 1997	1,880	1,632	1,910	598	692	283	340	
Less than 40 horsepower (PTO)	farms, 2002	285	525	461	96	101	33	59
..... farms, 1997	369	477	475	102	125	33	70	
..... number, 2002	408	606	554	141	115	58	138	
..... farms, 1997	557	630	621	159	154	44	132	
40 to 99 horsepower (PTO)	farms, 2002	451	342	557	136	238	86	82
..... farms, 1997	526	633	550	139	187	85	88	
..... number, 2002	672	475	747	191	294	132	158	
..... farms, 1997	681	728	821	(D)	(D)	(D)	(D)	
100 horsepower (PTO) or more	farms, 2002	385	165	230	156	199	59	32
..... farms, 1997	391	168	328	155	148	58	46	
..... number, 2002	694	232	498	340	376	97	54	
..... farms, 1997	642	274	468	(D)	(D)	(D)	(D)	
Grain and bean combines (see text)	farms, 2002	243	148	178	96	109	29	13
..... farms, 1997	304	182	207	86	120	46	17	
..... number, 2002	303	174	231	124	149	34	13	
..... farms, 1997	395	197	233	125	176	60	21	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-
..... farms, 1997	-	-	-	-	-	-	-	-
..... number, 2002	-	-	-	-	-	-	-	-
..... farms, 1997	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	159	11	67	34	41	14	28
..... farms, 1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... number, 2002	187	11	78	41	41	15	32	
..... farms, 1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	428	391	372	133	152	70	58
..... farms, 1997	412	468	471	114	174	68	76	
..... number, 2002	546	448	441	157	184	84	74	
..... farms, 1997	505	556	620	151	232	89	100	
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors	farms	45	88	77	18	37	4	9
..... farms	number	80	95	108	21	51	4	11
Less than 40 horsepower (PTO)	farms	14	35	34	-	4	-	-
..... farms	number	16	35	35	-	4	-	-
40 to 99 horsepower (PTO)	farms	16	22	31	3	9	1	6
..... farms	number	17	22	32	3	9	(D)	6
100 horsepower (PTO) or more	farms	28	35	17	16	33	3	4
..... farms	number	47	38	41	18	38	(D)	5
Grain and bean combines	farms	15	-	17	2	6	-	-
..... farms	number	17	-	19	(D)	6	-	-
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
..... farms	number	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms	17	-	21	6	1	1	3
..... farms	number	17	-	21	8	(D)	(D)	3
Hay balers	farms	47	18	69	19	30	12	9
..... farms	number	50	18	71	22	33	13	10
Manufactured prior to 1998:								
Tractors	farms	646	699	894	220	357	101	102
..... farms	number	1,694	1,218	1,691	651	734	283	339
Less than 40 horsepower (PTO)	farms	279	492	427	96	97	33	59
..... farms	number	392	571	519	141	111	58	138
40 to 99 horsepower (PTO)	farms	440	321	530	135	229	85	77
..... farms	number	655	453	715	188	285	(D)	152
100 horsepower (PTO) or more	farms	373	132	226	152	190	58	31
..... farms	number	647	194	457	322	338	(D)	49
Grain and bean combines	farms	230	148	162	95	106	29	13
..... farms	number	286	174	212	(D)	143	34	13

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - 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	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment	farms, 2002	783	279	300	1,026	512	297	256
	1997	790	316	359	1,208	611	304	309
	\$1,000, 2002	98,897	11,347	35,099	52,397	25,163	48,013	5,504
	1997	98,210	8,204	40,168	49,902	24,967	50,849	6,899
Average per farm	dollars, 2002	126,306	40,670	116,997	51,069	49,146	161,659	21,499
	1997	124,316	25,962	111,889	41,309	40,863	167,268	22,327
Farms by value group:								
\$1 to \$9,999	2002	42	78	77	321	197	69	142
	1997	76	142	1	461	196	1	120
\$10,000 to \$19,999	2002	97	57	28	178	58	13	30
	1997	12	80	46	231	138	10	57
\$20,000 to \$29,999	2002	98	25	26	119	51	7	24
	1997	108	23	32	111	55	1	56
\$30,000 to \$49,999	2002	84	62	34	114	27	17	21
	1997	149	22	44	145	63	68	39
\$50,000 to \$69,999	2002	75	25	19	101	60	19	24
	1997	27	29	39	25	53	11	21
\$70,000 to \$99,999	2002	75	3	20	37	50	24	8
	1997	42	4	34	104	35	53	1
\$100,000 to \$199,999	2002	165	16	46	87	47	43	3
	1997	183	9	95	88	40	69	14
\$200,000 to \$499,999	2002	119	12	33	63	20	88	4
	1997	173	6	57	33	30	71	1
\$500,000 or more	2002	28	1	17	6	2	17	-
	1997	20	1	11	10	1	20	-
SELECTED MACHINERY AND EQUIPMENT								
Tractors	farms, 2002	504	223	271	860	434	257	226
	1997	718	218	290	870	527	277	282
	number, 2002	1,422	492	918	1,665	860	754	392
	1997	1,970	412	938	1,778	1,017	732	444
Less than 40 horsepower (PTO)	farms, 2002	202	118	191	423	220	93	162
	1997	305	114	146	535	260	81	190
	number, 2002	271	182	287	507	282	126	220
	1997	391	166	311	768	372	100	247
40 to 99 horsepower (PTO)	farms, 2002	282	177	189	566	312	182	125
	1997	489	126	160	501	340	157	129
	number, 2002	368	238	294	825	412	263	151
	1997	(D)	(D)	(D)	775	438	(D)	(D)
100 horsepower (PTO) or more	farms, 2002	441	59	160	163	101	192	20
	1997	615	47	256	142	150	250	17
	number, 2002	783	72	337	333	166	365	21
	1997	(D)	(D)	(D)	235	207	(D)	(D)
Grain and bean combines (see text)	farms, 2002	374	30	129	58	38	169	5
	1997	471	23	177	123	49	188	-
	number, 2002	469	30	165	62	46	196	5
	1997	597	26	213	146	54	238	-
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-
	1997	-	-	-	-	-	-	-
	number, 2002	-	-	-	-	-	-	-
	1997	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	12	28	68	24	104	10	15
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	number, 2002	14	32	79	24	119	10	15
	1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Hay balers	farms, 2002	141	125	191	356	182	75	153
	1997	211	118	192	285	262	52	109
	number, 2002	164	147	255	439	239	86	171
	1997	264	145	261	340	303	60	129
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors	farms	62	32	41	131	19	35	27
	number	89	33	69	138	20	44	33
Less than 40 horsepower (PTO)	farms	11	8	13	47	-	8	24
	number	11	8	14	47	-	8	30
40 to 99 horsepower (PTO)	farms	11	17	18	65	11	8	3
	number	12	17	22	67	11	8	3
100 horsepower (PTO) or more	farms	52	7	27	20	8	24	-
	number	66	8	33	24	9	28	-
Grain and bean combines	farms	41	-	5	1	1	12	-
	number	44	-	5	(D)	(D)	14	-
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms	1	9	6	-	5	2	-
	number	(D)	9	9	-	5	(D)	-
Hay balers	farms	16	20	30	50	14	8	13
	number	16	21	33	50	14	8	13
Manufactured prior to 1998:								
Tractors	farms	478	212	271	807	434	248	199
	number	1,333	459	849	1,527	840	710	359
Less than 40 horsepower (PTO)	farms	193	110	183	390	220	91	138
	number	260	174	273	460	282	118	190
40 to 99 horsepower (PTO)	farms	271	161	179	533	311	174	122
	number	356	221	272	758	401	255	148
100 horsepower (PTO) or more	farms	406	55	148	161	100	175	20
	number	717	64	304	309	157	337	21
Grain and bean combines	farms	344	30	124	57	37	158	5
	number	425	30	160	(D)	(D)	182	5

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - 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	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment								
farms, 2002	475	487	125	73	544	251	463	
1997	463	535	152	89	607	255	483	
\$1,000, 2002	55,556	36,413	16,937	1,837	20,534	15,180	34,096	
1997	49,268	31,435	13,712	2,173	21,163	14,207	34,703	
Average per farm	dollars, 2002	116,959	74,770	135,496	25,164	37,745	60,477	73,642
1997	106,410	58,758	90,212	24,413	34,866	55,716	71,850	
Farms by value group:								
\$1 to \$9,999	2002	114	142	21	32	195	82	68
1997	17	133	49	35	157	63	67	
\$10,000 to \$19,999	2002	28	50	11	16	119	41	90
1997	21	85	5	21	117	15	66	
\$20,000 to \$29,999	2002	28	54	10	13	90	24	69
1997	30	13	14	14	87	87	92	
\$30,000 to \$49,999	2002	68	57	9	3	43	18	48
1997	36	112	22	10	165	20	72	
\$50,000 to \$69,999	2002	36	68	10	1	16	21	41
1997	95	25	10	4	86	22	35	
\$70,000 to \$99,999	2002	25	12	13	3	33	9	51
1997	115	75	13	3	9	9	54	
\$100,000 to \$199,999	2002	85	36	28	4	44	29	61
1997	90	63	18	1	10	28	35	
\$200,000 to \$499,999	2002	70	60	16	2	26	25	
1997	55	24	17	2	9	8	55	
\$500,000 or more	2002	21	8	7	-	2	10	
1997	4	5	4	-	-	3	7	
SELECTED MACHINERY AND EQUIPMENT								
Tractors	farms, 2002	475	390	122	71	485	199	411
1997	447	482	118	71	549	204	455	
number, 2002	1,117	971	382	121	781	496	840	
1997	1,133	1,081	317	126	985	491	1,030	
Less than 40 horsepower (PTO)	farms, 2002	191	209	62	52	257	82	166
1997	156	195	57	43	311	61	185	
number, 2002	232	259	103	65	319	111	216	
1997	177	286	92	66	441	80	258	
40 to 99 horsepower (PTO)	farms, 2002	268	250	84	42	307	152	272
1997	256	361	77	40	330	169	359	
number, 2002	377	476	153	47	406	241	404	
1997	409	(D)	138	47	468	271	570	
100 horsepower (PTO) or more	farms, 2002	307	145	66	6	35	81	140
1997	383	147	48	12	60	86	123	
number, 2002	508	236	126	9	56	144	220	
1997	547	(D)	87	13	76	140	202	
Grain and bean combines (see text)	farms, 2002	197	28	12	4	8	38	45
1997	263	53	22	6	9	46	60	
number, 2002	219	28	16	4	8	53	47	
1997	274	66	27	6	(D)	62	73	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	14	65	33	6	49	52	67
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	16	70	43	6	50	56	80	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	163	223	81	38	285	120	238
1997	169	252	82	37	212	110	289	
number, 2002	188	280	122	44	296	154	300	
1997	213	322	109	43	253	180	375	
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors	farms	48	54	37	3	36	15	83
number	82	75	62	(D)	36	18	103	
Less than 40 horsepower (PTO)	farms	9	21	8	3	-	1	23
number	(D)	21	11	(D)	-	(D)	35	
40 to 99 horsepower (PTO)	farms	1	18	12	-	34	4	35
number	(D)	28	16	-	(D)	(D)	36	
100 horsepower (PTO) or more	farms	40	17	26	-	2	12	26
number	72	26	35	-	(D)	13	32	
Grain and bean combines	farms	29	-	3	-	-	-	-
number	29	-	4	-	-	-	-	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	8	14	11	-	1	5	2
number	8	14	11	-	(D)	5	(D)	
Hay balers	farms	36	58	38	2	12	13	19
number	36	62	46	(D)	13	14	30	
Manufactured prior to 1998:								
Tractors	farms	465	363	112	71	471	196	378
number	1,035	896	320	(D)	745	478	737	
Less than 40 horsepower (PTO)	farms	182	188	54	50	257	81	143
number	(D)	238	(D)	92	319	(D)	181	
40 to 99 horsepower (PTO)	farms	267	238	78	42	281	149	248
number	(D)	448	137	47	(D)	(D)	368	
100 horsepower (PTO) or more	farms	288	140	57	6	35	74	123
number	436	210	91	9	(D)	131	188	
Grain and bean combines	farms	169	28	11	4	8	38	45
number	190	28	12	4	8	53	47	

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - 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	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment								
farms, 2002	78	512	508	288	257	153	1,189	
1997	91	503	534	306	263	163	1,314	
\$1,000, 2002	9,220	40,201	58,434	26,273	15,756	18,028	42,131	
1997	7,088	42,983	59,410	22,016	13,027	16,521	36,786	
Average per farm	dollars, 2002	118,205	78,517	115,028	91,226	61,308	117,827	35,434
1997	77,895	85,453	111,254	71,949	49,534	101,356	27,995	
Farms by value group:								
\$1 to \$9,999	2002	4	164	104	45	80	16	392
1997	-	39	72	71	63	31	500	
\$10,000 to \$19,999	2002	6	91	31	22	37	16	259
1997	15	66	84	9	35	8	247	
\$20,000 to \$29,999	2002	4	15	37	26	15	18	165
1997	17	43	10	18	30	10	193	
\$30,000 to \$49,999	2002	11	34	59	20	27	13	125
1997	8	83	48	59	47	11	206	
\$50,000 to \$69,999	2002	5	48	43	51	22	13	95
1997	9	99	38	51	31	23	52	
\$70,000 to \$99,999	2002	12	21	46	36	24	15	63
1997	15	26	46	14	17	15	33	
\$100,000 to \$199,999	2002	25	84	102	49	35	24	47
1997	22	109	147	61	34	38	54	
\$200,000 to \$499,999	2002	8	39	71	36	13	33	43
1997	5	24	76	18	6	25	29	
\$500,000 or more	2002	3	16	15	3	4	5	
1997	-	14	13	5	-	2	-	
SELECTED MACHINERY AND EQUIPMENT								
Tractors	farms, 2002	75	409	405	254	236	147	982
1997	86	460	498	250	228	148	1,085	
number, 2002	221	1,080	1,211	736	674	466	1,974	
1997	214	1,277	1,272	674	581	440	1,927	
Less than 40 horsepower (PTO)	farms, 2002	28	132	201	109	140	60	675
1997	35	166	246	97	163	51	730	
number, 2002	45	191	279	144	275	84	956	
1997	42	254	271	140	262	80	969	
40 to 99 horsepower (PTO)	farms, 2002	59	313	244	188	152	102	530
1997	72	319	306	186	120	107	556	
number, 2002	97	459	337	303	306	168	848	
1997	(D)	(D)	409	265	235	(D)	756	
100 horsepower (PTO) or more	farms, 2002	50	217	302	157	50	110	110
1997	48	269	348	162	55	115	152	
number, 2002	79	430	595	289	93	214	170	
1997	(D)	(D)	592	269	84	(D)	202	
Grain and bean combines (see text)	farms, 2002	26	140	257	77	18	41	49
1997	24	213	240	83	31	65	67	
number, 2002	33	178	303	92	19	52	49	
1997	36	315	313	101	32	83	78	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	
number, 2002	-	-	-	-	-	-	-	
1997	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms, 2002	22	84	44	25	32	25	66
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
number, 2002	28	94	58	26	37	26	84	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	55	262	182	206	134	115	512
1997	55	207	179	157	134	89	389	
number, 2002	69	309	222	247	158	131	540	
1997	72	273	209	241	173	116	425	
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors	farms	4	47	27	32	42	9	118
number	4	55	36	38	52	14	130	
Less than 40 horsepower (PTO)	farms	-	-	1	-	12	1	67
number	-	-	(D)	-	15	(D)	67	
40 to 99 horsepower (PTO)	farms	2	20	6	11	21	1	52
number	(D)	21	(D)	11	26	(D)	53	
100 horsepower (PTO) or more	farms	2	29	23	21	11	8	9
number	(D)	34	28	27	11	(D)	10	
Grain and bean combines	farms	-	5	17	-	-	2	-
number	5	5	22	-	-	(D)	-	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	4	11	3	3	5	-	-
number	4	11	3	3	5	-	-	
Hay balers	farms	7	43	18	31	21	14	20
number	9	45	19	32	22	14	20	
Manufactured prior to 1998:								
Tractors	farms	74	392	401	253	233	147	909
number	217	1,025	1,175	698	622	452	1,844	
Less than 40 horsepower (PTO)	farms	28	132	200	109	137	59	618
number	45	191	(D)	144	260	(D)	889	
40 to 99 horsepower (PTO)	farms	57	295	239	179	148	102	506
number	(D)	438	(D)	292	280	(D)	795	
100 horsepower (PTO) or more	farms	49	213	298	147	48	110	108
number	(D)	396	567	262	82	(D)	160	
Grain and bean combines	farms	26	138	245	77	18	40	49
number	33	173	281	92	19	(D)	49	

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - 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	
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment								
farms, 2002	520	621	371	390	617	117	510	
1997	614	695	398	488	646	144	534	
\$1,000, 2002	75,114	67,383	30,038	16,630	57,954	4,739	28,976	
1997	63,435	73,937	29,977	13,630	63,533	4,437	26,222	
Average per farm	dollars, 2002	144,450	108,508	80,966	42,640	93,929	40,503	56,815
1997	103,314	106,385	75,319	27,930	98,348	30,813	49,106	
Farms by value group:								
\$1 to \$9,999	2002	90	174	91	98	248	37	132
1997	134	37	41	79	53	44	128	
\$10,000 to \$19,999	2002	16	76	37	78	31	16	55
1997	37	32	45	136	22	65	97	
\$20,000 to \$29,999	2002	37	31	36	59	16	19	63
1997	55	33	95	136	123	9	59	
\$30,000 to \$49,999	2002	54	44	65	37	21	15	73
1997	36	101	56	54	127	13	79	
\$50,000 to \$69,999	2002	37	57	18	52	49	5	55
1997	126	163	34	62	37	4	75	
\$70,000 to \$99,999	2002	12	28	21	20	44	14	47
1997	14	59	31	3	78	1	46	
\$100,000 to \$199,999	2002	112	85	62	36	101	9	45
1997	113	148	43	16	81	1	19	
\$200,000 to \$499,999	2002	147	97	35	9	12	2	35
1997	83	114	50	2	120	6	27	
\$500,000 or more	2002	15	29	6	1	15	5	
1997	16	8	3	-	5	1	4	
SELECTED MACHINERY AND EQUIPMENT								
Tractors	farms, 2002	473	581	321	355	406	110	439
1997	571	561	295	391	581	92	447	
number, 2002	1,384	1,440	929	721	1,142	230	1,111	
1997	1,533	1,465	814	1,038	1,519	189	1,186	
Less than 40 horsepower (PTO)	farms, 2002	243	203	163	166	131	57	214
1997	209	184	179	192	205	56	190	
number, 2002	290	249	267	220	163	99	288	
1997	293	335	292	353	268	83	331	
40 to 99 horsepower (PTO)	farms, 2002	355	390	236	277	232	80	337
1997	314	365	181	329	389	61	344	
number, 2002	519	523	368	442	371	114	582	
1997	513	538	(D)	(D)	521	(D)	(D)	
100 horsepower (PTO) or more	farms, 2002	281	348	160	41	310	13	172
1997	382	402	145	120	454	17	152	
number, 2002	575	668	294	59	608	17	241	
1997	727	592	(D)	(D)	730	(D)	(D)	
Grain and bean combines (see text)	farms, 2002	189	287	70	13	285	5	86
1997	232	313	83	39	361	2	120	
number, 2002	220	389	73	13	366	5	91	
1997	278	350	108	41	439	(D)	158	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
number, 2002	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text)	farms, 2002	22	40	55	8	20	-	91
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
number, 2002	24	57	57	8	22	-	100	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	301	260	182	241	196	51	317
1997	263	238	147	193	231	46	242	
number, 2002	319	307	220	274	227	62	352	
1997	300	292	212	224	288	62	327	
2002 INVENTORY								
Manufactured 1998 to 2002:								
Tractors	farms	87	62	37	16	49	12	9
number	110	93	42	20	61	12	21	
Less than 40 horsepower (PTO)	farms	11	11	-	1	7	5	-
number	11	11	-	(D)	7	5	-	
40 to 99 horsepower (PTO)	farms	25	11	28	15	11	7	4
number	25	11	30	(D)	11	7	6	
100 horsepower (PTO) or more	farms	52	53	10	1	34	1	8
number	74	71	12	(D)	43	-	15	
Grain and bean combines	farms	14	34	2	-	9	-	-
number	14	36	(D)	-	9	-	-	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	3	9	3	-	1	-	5
number	3	9	3	-	(D)	7	-	
Hay balers	farms	57	51	24	48	28	7	16
number	57	51	25	48	36	7	19	
Manufactured prior to 1998:								
Tractors	farms	470	577	294	354	392	110	438
number	1,274	1,347	887	701	1,081	218	1,090	
Less than 40 horsepower (PTO)	farms	232	193	163	166	125	57	214
number	279	238	267	(D)	156	94	288	
40 to 99 horsepower (PTO)	farms	330	387	208	270	225	77	334
number	494	512	338	(D)	360	107	576	
100 horsepower (PTO) or more	farms	267	338	156	41	294	13	170
number	501	597	282	(D)	565	17	226	
Grain and bean combines	farms	177	262	68	13	281	5	86
number	206	353	(D)	13	357	5	91	

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Table 38. Machinery and Equipment on Operation: 2002 and 1997 - 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	
VALUE OF MACHINERY AND EQUIPMENT									
Estimated market value of all machinery and equipment									
farms, 2002	306	576	378	112	683	138	190	1,173	
1997	338	628	423	119	719	158	194	1,283	
\$1,000, 2002	22,520	64,793	52,356	11,821	73,022	16,774	12,647	75,998	
1997	23,398	59,418	48,505	13,616	65,208	15,105	15,481	68,440	
Average per farm	dollars, 2002	73,595	112,489	138,509	105,541	106,914	121,551	66,566	64,789
1997	69,225	94,615	114,668	114,419	90,693	95,604	79,797	53,344	
Farms by value group:									
\$1 to \$9,999	2002	83	82	92	19	83	24	42	396
1997	48	146	15	7	96	14	6	326	
\$10,000 to \$19,999	2002	37	30	12	22	154	18	21	233
1997	71	56	49	12	129	20	19	243	
\$20,000 to \$29,999	2002	17	82	9	9	33	19	13	84
1997	31	53	15	2	118	37	39	112	
\$30,000 to \$49,999	2002	42	44	62	5	42	13	38	116
1997	31	36	40	17	110	26	15	213	
\$50,000 to \$69,999	2002	29	69	36	12	69	15	14	49
1997	43	57	37	26	36	8	23	86	
\$70,000 to \$99,999	2002	17	80	12	8	60	5	18	51
1997	46	76	83	7	45	15	54	53	
\$100,000 to \$199,999	2002	51	73	29	16	111	18	36	132
1997	36	99	115	25	111	20	18	169	
\$200,000 to \$499,999	2002	27	91	109	17	109	20	6	99
1997	32	101	59	14	34	6	19	80	
\$500,000 or more	2002	3	25	17	4	22	2	13	
1997	-	4	10	4	40	9	1	1	
SELECTED MACHINERY AND EQUIPMENT									
Tractors	farms, 2002	278	509	276	94	582	129	148	945
1997	243	549	331	101	645	132	146	962	
number, 2002	653	1,534	788	290	1,447	360	416	2,138	
1997	642	1,407	889	339	1,512	369	382	1,986	
Less than 40 horsepower (PTO)	farms, 2002	134	247	81	47	176	66	66	508
1997	92	218	126	72	231	49	56	506	
number, 2002	190	379	114	64	216	98	79	679	
1997	142	316	142	100	265	79	76	635	
40 to 99 horsepower (PTO)	farms, 2002	194	364	176	67	412	88	109	559
1997	206	323	191	70	440	96	102	526	
number, 2002	336	542	255	123	562	147	156	802	
1997	337	(D)	279	148	592	(D)	(D)	808	
100 horsepower (PTO) or more	farms, 2002	87	343	231	43	403	71	101	379
1997	100	354	284	45	438	74	103	360	
number, 2002	127	613	419	103	669	115	181	657	
1997	163	(D)	468	91	655	(D)	(D)	543	
Grain and bean combines (see text)	farms, 2002	25	227	211	16	303	35	55	168
1997	36	280	217	26	314	52	76	167	
number, 2002	26	316	253	16	363	45	60	181	
1997	56	382	292	26	388	63	77	178	
Cotton pickers and strippers	farms, 2002	-	-	-	-	-	-	-	
1997	-	-	-	-	-	-	-	-	
number, 2002	-	-	-	-	-	-	-	-	
1997	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms, 2002	64	72	4	20	50	38	28	115
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
number, 2002	67	78	5	23	65	41	33	118	
1997	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Hay balers	farms, 2002	178	314	84	52	245	74	101	485
1997	149	254	97	43	253	77	87	427	
number, 2002	218	389	101	65	276	100	107	546	
1997	198	361	117	58	313	109	103	480	
2002 INVENTORY									
Manufactured 1998 to 2002:									
Tractors	farms	43	64	33	11	70	13	6	85
number	56	66	40	13	100	16	12	106	
Less than 40 horsepower (PTO)	farms	1	2	1	-	15	-	1	25
number	(D)	(D)	(D)	-	23	-	(D)	25	
40 to 99 horsepower (PTO)	farms	38	33	3	1	12	7	1	28
number	40	33	(D)	(D)	13	8	(D)	29	
100 horsepower (PTO) or more	farms	14	31	30	10	53	8	5	42
number	(D)	(D)	35	(D)	64	8	(D)	52	
Grain and bean combines	farms	-	18	13	1	41	-	5	2
number	-	18	14	(D)	43	-	5	(D)	
Cotton pickers and strippers	farms	-	-	-	-	-	-	-	
number	-	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text)	farms	6	1	-	-	7	7	-	6
number	7	(D)	-	-	8	8	-	6	
Hay balers	farms	16	47	27	4	40	16	14	54
number	19	49	29	5	42	18	14	54	
Manufactured prior to 1998:									
Tractors	farms	262	506	274	93	561	128	145	894
number	597	1,468	748	277	1,347	344	404	2,032	
Less than 40 horsepower (PTO)	farms	134	245	80	47	161	66	65	483
number	(D)	(D)	(D)	64	193	98	(D)	654	
40 to 99 horsepower (PTO)	farms	165	351	173	66	402	87	108	533
number	296	509	(D)	(D)	549	139	(D)	773	
100 horsepower (PTO) or more	farms	78	338	219	43	373	69	99	361
number	(D)	(D)	384	(D)	605	107	(D)	605	
Grain and bean combines	farms	25	222	207	15	266	35	50	167
number	26	298	239	(D)	320	45	55	(D)	

--continued

Table 38. Machinery and Equipment on Operation: 2002 and 1997 - Con.

[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	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms number	2,322	25	58	65	23	73	19	
Hay balers farms number	2,542	26	(D)	67	24	73	23	
	10,135	126	230	251	93	355	155	
	11,850	148	259	294	104	403	190	
Item	Cascade	Chouteau	Custer	Daniels	Dawson	Deer Lodge	Fallon	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms number	168	49	35	14	50	8	56	
Hay balers farms number	168	(D)	41	(D)	52	(D)	57	
	452	271	205	79	173	36	139	
	556	315	231	95	202	(D)	162	
Item	Fergus	Flathead	Gallatin	Garfield	Glacier	Golden Valley	Granite	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms number	151	11	57	28	40	13	25	
Hay balers farms number	170	11	57	33	(D)	(D)	29	
	389	374	313	116	126	60	52	
	496	430	370	135	151	71	64	
Item	Hill	Jefferson	Judith Basin	Lake	Lewis and Clark	Liberty	Lincoln	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms number	12	19	64	24	100	8	15	
Hay balers farms number	(D)	23	70	24	114	(D)	15	
	128	113	179	308	175	68	140	
	148	126	222	389	225	78	158	
Item	McCone	Madison	Meagher	Mineral	Missoula	Musselshell	Park	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms number	6	52	25	6	48	47	66	
Hay balers farms number	8	56	32	6	(D)	51	(D)	
	130	175	61	36	274	111	222	
	152	218	76	(D)	283	140	270	
Item	Petroleum	Phillips	Pondera	Powder River	Powell	Prairie	Ravalli	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms number	19	73	41	22	27	25	66	
Hay balers farms number	24	83	55	23	32	26	84	
	51	221	169	181	117	101	493	
	60	264	203	215	136	117	520	
Item	Richland	Roosevelt	Rosebud	Sanders	Sheridan	Silver Bow	Stillwater	
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms number	-	-	-	-	-	-	-	
Forage harvesters, self-propelled (see text) farms number	19	37	52	8	19	-	86	
Hay balers farms number	21	48	54	8	(D)	-	93	
	245	210	166	194	170	44	305	
	262	256	195	226	191	55	333	
Item	Sweet Grass	Teton	Toole	Treasure	Valley	Wheatland	Wibaux	Yellowstone
2002 INVENTORY - Con.								
Manufactured prior to 1998 - Con.								
Cotton pickers and strippers farms number	-	-	-	-	-	-	-	-
Forage harvesters, self-propelled (see text) farms number	59	71	4	20	44	31	28	111
Hay balers farms number	60	(D)	5	23	57	33	33	112
	163	281	66	48	208	66	88	433
	199	340	72	60	234	82	93	492