

Coarse Grains

Reversing a decline that began in the early 1980s, world import demand for coarse grains is projected to strengthen, with annual growth averaging 3.4 percent from 1998 to 2007. Global coarse grain trade is projected to exceed the 1980/81 record of 108 million tons in 2001 and reach over 132 million tons by 2007. Strong economic growth is expected to fuel higher coarse grain imports by China, North Africa, and Latin America. East Asia's imports are projected to remain mostly steady despite macroeconomic problems, as

these countries tend to maintain domestic livestock and poultry production, while slowing meat imports. Taiwan's feed imports are expected to begin recovering by 2000, as hog numbers start to rebound and poultry production continues to expand. Southeast Asian feed grain imports are expected to be slowed by the effects of the financial crisis, but show strong longer term growth. The FSU, one of the world's largest importers during the 1980s, is expected to be a small net importer of coarse grains late in the baseline,

Figure 11
Coarse grains: Historical and projected world area and yield

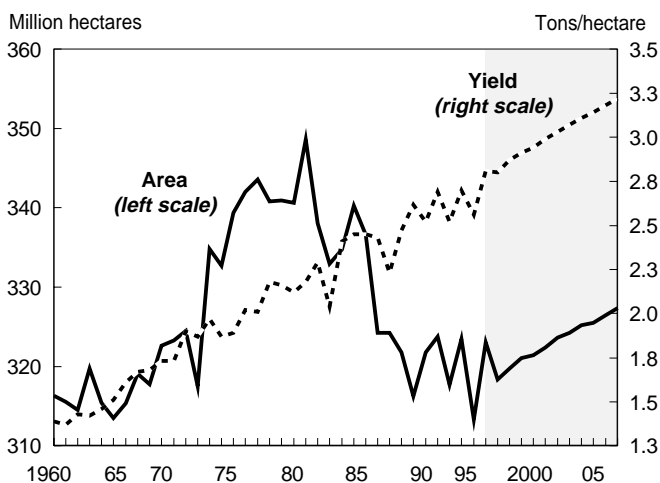
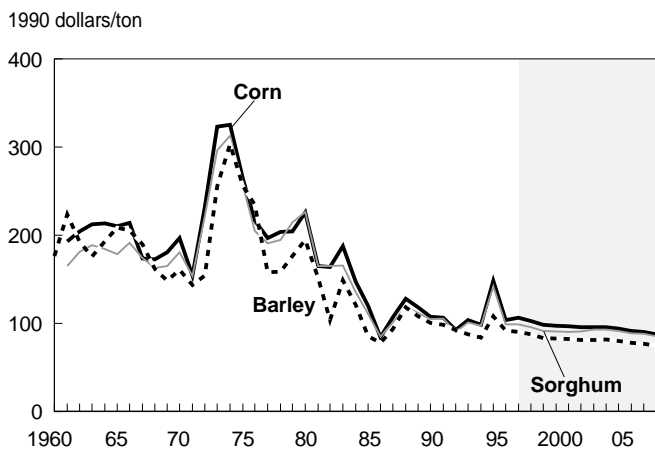


Figure 12
Coarse grains: Historical and projected real prices



Corn=U.S. #2, fob gulf; Sorghum=U.S. #2, fob gulf
Barley=U.S., fob Duluth

Figure 13
Coarse grains: Historical and projected world supply and use

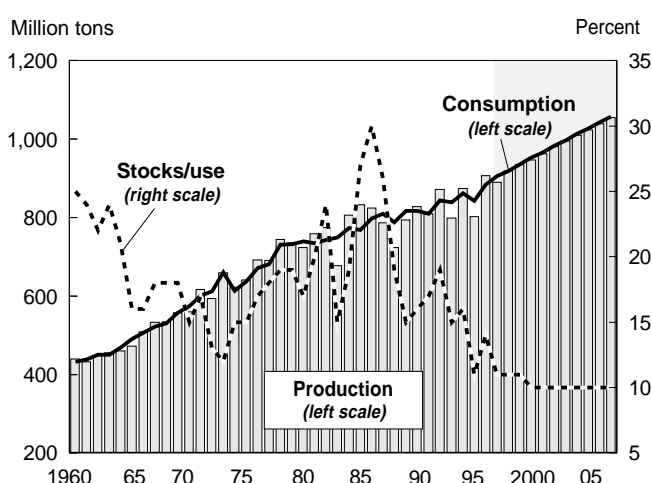


Figure 14
Coarse grains: Historical and projected price ratios

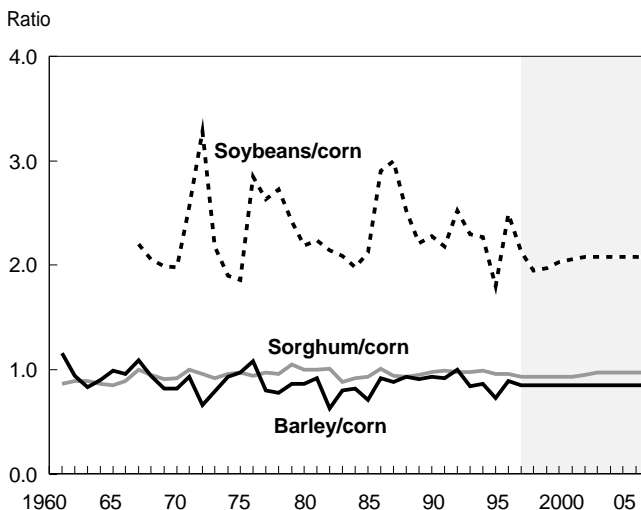


Figure 15

Corn: Historical and projected world area and yield

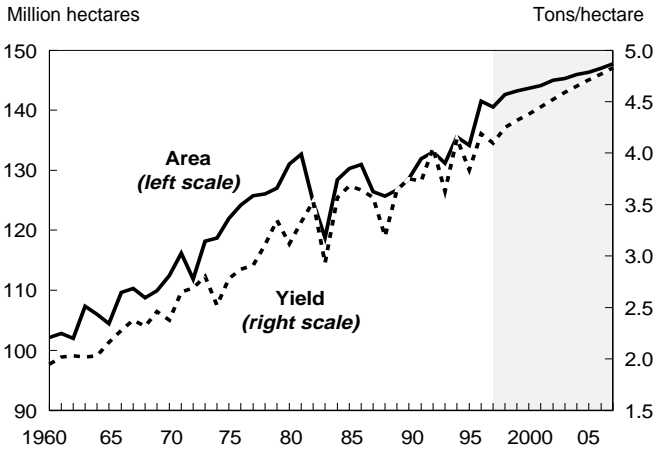


Figure 16

Barley: Historical and projected world area and yield

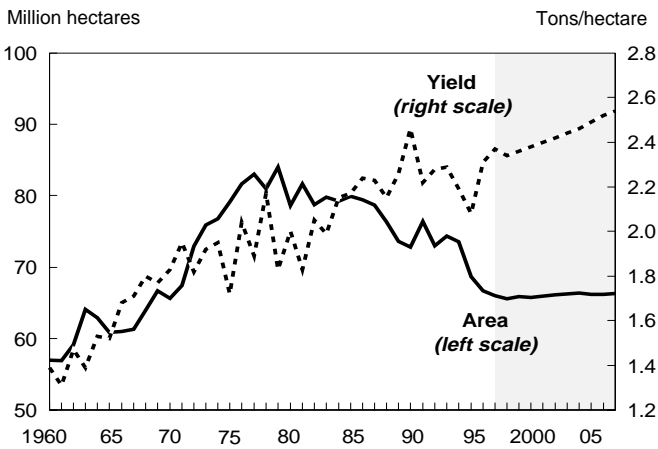


Figure 17

Sorghum: Historical and projected world area and yield

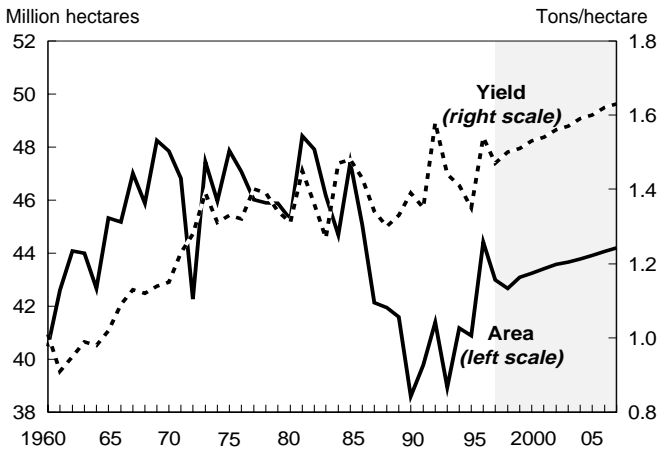


Figure 18

Corn: Historical and projected world supply and use

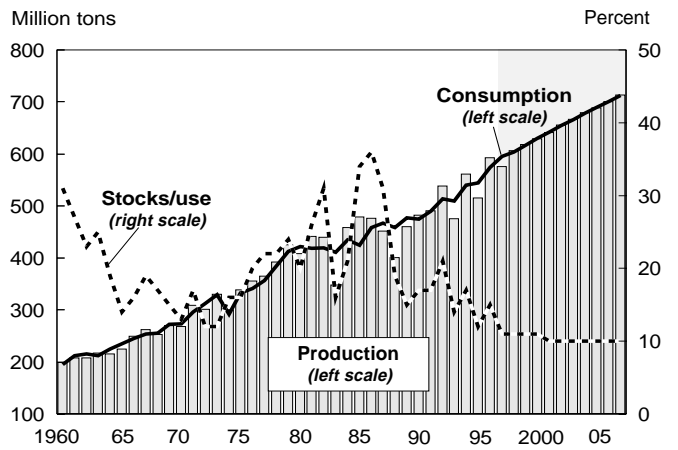


Figure 19

Barley: Historical and projected world supply and use

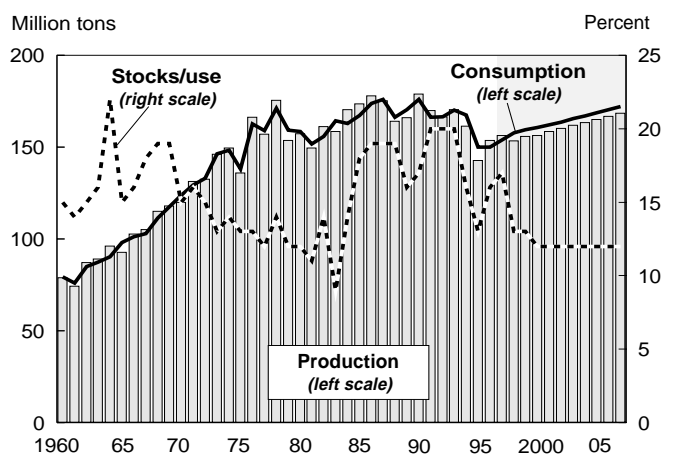


Figure 20

Sorghum: Historical and projected world supply and use

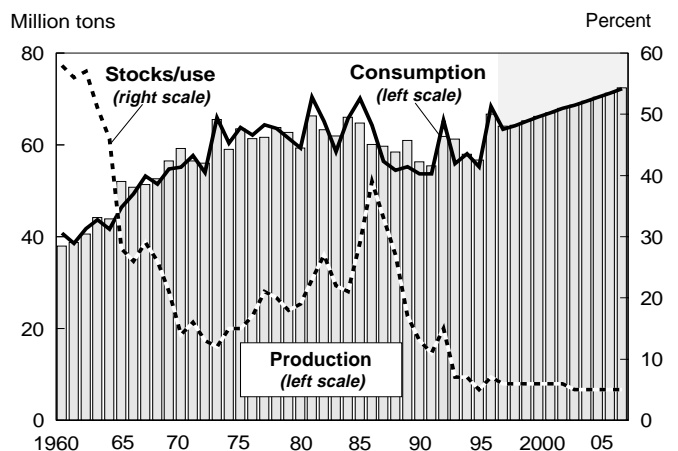


Table 10--Coarse grain trade projections

Crop year	1994	1995	1996	1997	1994-97 avg.	1999	2000	2001	2002	2003	2004	2005	2006	2007
	1,000 tons													
Exporters														
United States	62,425	63,004	51,523	45,597	55,637	64,673	68,878	71,678	74,604	77,373	80,177	82,340	84,487	86,538
Argentina	6,099	8,355	12,298	13,200	9,988	9,684	9,985	10,273	10,752	11,099	11,732	12,340	12,699	13,554
Australia	1,277	4,222	4,410	3,160	3,267	2,751	2,860	2,998	3,163	3,279	3,429	3,406	3,478	3,743
Canada	4,730	4,164	5,425	4,850	4,792	4,355	4,681	4,838	4,981	5,176	5,361	5,276	5,586	5,738
China	1,601	255	3,997	5,025	2,720	1,214	1,249	1,236	1,224	1,191	1,170	1,143	1,130	1,098
Central/East Europe	1,237	2,759	1,472	3,400	2,217	3,212	2,997	2,987	2,993	2,979	2,979	3,004	3,548	4,172
Czech Republic	160	25	0	0	46	11	4	0	0	0	0	0	0	0
Slovakia	99	47	45	45	59	42	10	16	27	10	25	7	33	7
Hungary	425	571	100	1,350	612	571	397	420	394	354	348	322	493	742
Poland	16	13	5	5	10	25	26	25	25	25	25	25	25	25
Other Central/East Europe	537	2,103	1,322	2,000	1,491	2,563	2,560	2,526	2,547	2,590	2,581	2,650	2,997	3,398
European Union-15 1/	8,750	5,050	6,350	8,200	7,088	9,528	8,959	8,544	8,484	8,959	8,959	10,161	10,063	10,418
Former Soviet Union 2/	2,784	1,536	1,549	3,075	2,236	2,662	2,594	2,868	2,900	2,803	2,901	2,913	3,004	2,945
Russia	1,831	463	349	1,800	1,111	847	628	720	702	541	541	397	392	250
Ukraine	265	198	225	725	353	1,290	1,366	1,498	1,548	1,607	1,660	1,766	1,862	1,945
Other Former Soviet Union	688	875	975	550	772	525	600	650	650	655	700	750	750	750
South Africa	176	2,169	1,400	400	1,036	376	340	339	338	338	338	338	338	338
Sub-Saharan Africa	551	811	213	100	419	575	572	564	566	580	562	569	595	597
Thailand	160	97	50	75	96	0	0	0	0	0	0	0	0	0
Turkey	1,027	161	505	805	625	437	437	441	446	450	455	459	464	556
Other	1,695	1,344	1,338	1,440	1,454	1,062	1,072	1,096	1,108	1,121	1,126	1,138	1,151	1,162
Total	92,512	93,927	90,530	89,327	91,574	100,529	104,624	107,862	111,559	115,348	119,189	123,087	126,543	130,859
Importers														
United States	3,394	2,790	2,930	2,940	3,014	3,177	3,177	3,177	3,177	3,177	3,177	3,177	3,177	3,177
Algeria	1,421	489	1,035	1,300	1,061	1,413	1,411	1,409	1,412	1,417	1,421	1,426	1,428	1,435
Australia	185	30	3	10	57	10	10	10	10	10	10	10	10	10
Brazil	1,483	751	550	975	940	1,812	1,953	2,083	2,123	2,271	2,277	2,299	2,311	2,312
Canada	931	871	919	1,010	933	750	826	874	948	1,003	1,077	1,104	1,118	1,152
C. America & Caribbean	2,105	2,012	2,625	2,720	2,366	2,696	2,741	2,774	2,838	2,889	2,969	3,013	3,049	3,107
China	6,366	2,962	2,175	2,300	3,451	4,907	6,286	7,079	8,099	9,424	10,856	12,582	14,378	16,774
Central/East Europe	1,324	719	1,696	845	1,146	1,120	1,131	1,106	1,283	1,369	1,504	1,621	1,522	1,555
Czech Republic	32	80	550	60	181	246	247	255	282	385	415	619	525	516
Slovakia	2	1	98	25	32	34	14	5	29	33	59	58	42	37
Hungary	59	35	72	20	47	0	26	4	112	67	113	0	0	0
Poland	957	501	675	600	683	666	674	678	699	723	758	786	800	839
Other Central/East Europe	274	102	301	140	204	174	170	164	161	161	159	158	155	163
European Union-15 1/	3,920	3,825	3,225	2,799	3,442	2,516	2,524	2,558	2,547	2,571	2,537	2,550	2,550	2,550
Egypt	2,613	2,245	3,183	3,275	2,829	3,318	3,564	3,683	3,795	3,947	4,055	4,210	4,361	4,518
Former Soviet Union 2/	2,819	2,084	1,880	1,885	2,167	2,305	2,664	2,825	3,009	3,169	3,480	3,786	3,945	4,146
Russia	809	860	600	550	705	391	485	528	585	621	716	797	902	981
Ukraine	148	26	25	10	52	200	273	350	425	485	555	650	700	750
Other Former Soviet Union	1,862	1,198	1,255	1,325	1,410	1,714	1,906	1,947	1,999	2,063	2,209	2,339	2,343	2,415
Indonesia	1,738	774	944	600	1,014	1,246	1,598	1,865	1,961	2,067	2,160	2,254	2,348	2,451
Iran	1,476	1,619	2,046	2,300	1,860	1,721	1,711	1,706	1,713	1,740	1,751	1,778	1,775	1,793
Iraq	1	2	0	200	51	455	496	511	555	620	676	711	720	794
Japan	21,101	20,279	20,525	20,840	20,686	20,745	20,759	20,750	20,620	20,487	20,329	20,156	19,992	19,776
Malaysia	2,415	2,343	2,400	2,200	2,340	2,698	2,806	3,040	3,140	3,248	3,364	3,484	3,607	3,735
Mexico	5,832	8,461	5,373	6,410	6,519	8,353	8,847	9,336	9,863	10,288	10,676	11,054	11,485	11,826
Morocco	762	529	711	750	688	628	637	653	662	679	683	696	694	715
Other N. Africa & M. East	3,986	3,463	5,307	4,825	4,395	4,591	4,740	4,864	5,014	5,169	5,326	5,498	5,666	5,843
Other S. America	4,502	4,461	4,762	5,086	4,703	5,480	5,566	5,625	5,696	5,820	5,931	5,985	6,009	6,050
Pakistan	0	0	0	0	0	31	61	93	98	108	127	150	175	202
Philippines	136	516	445	250	337	752	789	841	958	1,078	1,210	1,300	1,367	1,434
Saudi Arabia	3,934	3,889	6,873	5,800	5,124	6,844	6,879	7,098	7,360	7,573	7,933	8,284	8,661	9,028
South Africa	633	188	250	850	480	266	221	207	222	253	292	319	262	214
South Korea	8,966	10,139	8,778	7,800	8,921	10,362	10,736	10,953	11,175	11,381	11,583	11,771	11,948	12,128
Sub-Saharan Africa	2,168	787	2,049	2,067	1,768	1,184	1,181	1,105	1,095	1,098	1,048	974	930	900
Taiwan	6,622	6,033	6,012	5,200	5,967	5,136	5,312	5,621	5,926	6,091	6,264	6,412	6,591	6,749
Thailand	256	264	305	500	331	148	46	27	13	78	104	189	191	179
Tunisia	575	450	577	601	551	569	574	579	583	589	594	600	605	612
Turkey	516	799	1,014	763	773	927	996	1,077	1,334	1,442	1,511	1,467	1,486	1,550
Other	4,625	5,095	4,975	4,767	4,866	4,369	4,382	4,333	4,334	4,292	4,264	4,227	4,182	4,144
Total	96,805	88,869	93,567	91,868	92,777	100,529	104,624	107,862	111,559	115,348	119,189	123,087	126,543	130,859
Exports-Imports	-4,293	5,058	-3,037	-2,541	-1,203	0	0	0	0	0	0	0	0	0

1/ Excludes EU-15 intratrade. 2/ Includes FSU intratrade.

Table 11--Corn trade projections

Crop year	1994	1995	1996	1997	1994-97 avg.	1999	2000	2001	2002	2003	2004	2005	2006	2007
	1,000 tons													
Exporters														
United States	55,311	56,589	45,597	38,745	49,061	57,143	60,970	63,510	66,047	68,575	71,127	73,024	74,926	76,836
Argentina	5,782	7,494	11,250	11,700	9,057	8,913	9,187	9,451	9,928	10,291	10,928	11,558	11,924	12,770
Canada	346	450	300	300	349	319	323	326	329	332	336	339	343	346
China	1,413	227	3,892	5,000	2,633	1,176	1,209	1,198	1,187	1,156	1,135	1,110	1,098	1,068
Central/East Europe	744	2,275	1,397	2,925	1,835	2,420	2,119	2,028	2,029	2,043	2,034	2,176	2,714	3,373
Czech Republic	13	0	0	0	3	0	0	0	0	0	0	0	0	0
Slovakia	14	25	25	25	22	34	2	0	0	0	0	0	0	0
Hungary	370	500	100	1,200	543	205	0	0	0	0	0	54	241	497
Poland	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Central/East Europe	347	1,750	1,272	1,700	1,267	2,181	2,117	2,028	2,029	2,043	2,034	2,122	2,473	2,876
European Union-15 1/	250	250	200	400	275	250	250	250	250	250	250	250	250	250
Former Soviet Union 2/	41	255	250	650	299	741	656	742	744	811	812	902	970	1,043
Russia	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ukraine	0	50	0	400	113	541	456	492	494	561	562	602	670	743
Other Former Soviet Union	41	205	250	250	187	200	200	250	250	250	250	300	300	300
South Africa	125	2,000	1,400	400	981	375	338	338	338	338	338	338	338	338
Sub-Saharan Africa	316	725	208	50	325	526	526	526	526	526	526	526	526	526
Thailand	160	97	50	75	96	0	0	0	0	0	0	0	0	0
Other	736	558	523	795	653	319	321	336	342	342	341	343	344	345
Total	65,224	70,920	65,067	61,040	65,563	72,182	75,899	78,705	81,720	84,664	87,827	90,566	93,433	96,895
Importers														
United States	243	419	337	254	313	254	254	254	254	254	254	254	254	254
Algeria	1,100	488	910	1,000	875	1,107	1,109	1,111	1,115	1,118	1,122	1,125	1,129	1,133
Brazil	1,407	400	350	750	727	1,520	1,652	1,775	1,811	1,948	1,949	1,958	1,965	1,954
Canada	925	855	897	1,000	919	739	815	863	937	992	1,066	1,093	1,107	1,141
C. America & Caribbean	2,079	1,982	2,590	2,690	2,335	2,696	2,741	2,774	2,838	2,889	2,969	3,013	3,049	3,107
China	4,287	1,476	75	250	1,522	2,927	4,346	5,083	6,046	7,252	8,625	10,222	11,944	14,201
Central/East Europe	363	351	361	395	368	437	487	480	632	600	694	578	567	566
Czech Republic	25	2	25	35	22	37	48	53	62	63	74	73	72	71
Slovakia	0	1	1	25	7	0	5	29	33	33	59	52	42	37
Hungary	10	10	10	10	10	0	26	4	112	67	113	0	0	0
Poland	250	282	200	300	258	302	316	321	332	340	352	357	357	362
Other Central/East Europe	78	56	125	25	71	98	97	97	97	97	96	96	96	96
European Union-15 1/	3,400	2,700	2,600	2,200	2,725	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Egypt	2,589	2,225	3,082	3,200	2,774	3,294	3,543	3,662	3,775	3,927	4,033	4,188	4,335	4,495
Former Soviet Union 2/	609	440	635	615	575	648	844	1,032	1,224	1,326	1,530	1,602	1,697	1,790
Russia	218	100	200	200	180	241	335	378	446	479	555	579	613	647
Ukraine	25	0	0	0	6	50	50	100	150	200	250	250	300	350
Other Former Soviet Union	366	340	435	415	389	357	459	554	628	647	725	773	784	793
Indonesia	1,738	774	944	600	1,014	1,246	1,598	1,865	1,961	2,067	2,160	2,254	2,348	2,451
Iran	1,092	1,281	1,550	1,500	1,356	1,345	1,351	1,357	1,364	1,372	1,380	1,389	1,396	1,401
Iraq	0	0	0	200	50	247	284	291	307	336	366	391	397	444
Japan	16,481	15,976	15,950	15,900	16,077	15,901	15,916	15,933	15,817	15,711	15,606	15,470	15,334	15,188
Malaysia	2,415	2,343	2,400	2,200	2,340	2,698	2,806	3,040	3,140	3,248	3,364	3,484	3,607	3,735
Mexico	3,166	6,379	3,141	3,700	4,097	5,032	5,191	5,370	5,595	5,793	5,971	6,113	6,289	6,446
Morocco	543	372	650	600	541	544	551	567	573	578	583	587	591	600
Other N. Africa & M. East	2,109	1,939	2,492	2,150	2,173	2,282	2,400	2,501	2,614	2,714	2,830	2,933	3,049	3,161
Other S. America	4,079	3,939	4,368	4,705	4,273	5,086	5,175	5,231	5,291	5,404	5,506	5,557	5,582	5,616
Pakistan	0	0	0	0	0	31	61	93	98	108	127	150	175	202
Philippines	136	516	445	250	337	752	789	841	958	1,078	1,210	1,300	1,367	1,434
Saudi Arabia	932	923	1,273	1,300	1,107	1,433	1,483	1,543	1,611	1,689	1,780	1,869	1,967	2,057
South Africa	600	180	100	750	408	252	209	193	204	227	259	276	215	163
South Korea	8,223	8,963	8,336	7,500	8,256	9,929	10,418	10,659	10,907	11,115	11,344	11,533	11,684	11,844
Sub-Saharan Africa	2,009	727	1,994	2,025	1,689	1,069	1,043	1,039	1,028	1,025	973	882	838	802
Taiwan	6,287	5,733	5,744	5,000	5,691	4,843	5,003	5,293	5,575	5,726	5,885	6,021	6,187	6,332
Thailand	220	260	300	500	320	148	46	27	13	78	104	189	191	179
Tunisia	224	215	376	300	279	323	330	337	343	350	356	363	370	378
Turkey	462	739	850	600	663	841	868	932	1,123	1,190	1,244	1,260	1,307	1,360
Other	2,424	2,317	3,002	2,911	2,664	2,558	2,586	2,559	2,566	2,549	2,537	2,512	2,492	2,461
Total	70,142	64,912	65,752	65,045	66,463	72,182	75,899	78,705	81,720	84,664	87,827	90,566	93,433	96,895
Exports-Imports	-4,918	6,008	-685	-4,005	-900	0	0	0	0	0	0	0	0	0

1/ Excludes EU-15 intratrade. 2/ Includes FSU intratrade.

Table 12--Barley trade projections

Crop year	1994	1995	1996	1997	1994-97 avg.	1999	2000	2001	2002	2003	2004	2005	2006	2007
1,000 tons														
Exporters														
United States	1,442	1,359	671	1,742	1,304	1,524	1,524	1,524	1,524	1,524	1,524	1,524	1,524	1,524
Australia	1,144	3,375	4,000	2,700	2,805	2,421	2,565	2,708	2,878	3,010	3,175	3,184	3,244	3,521
Canada	2,934	2,564	3,350	3,000	2,962	2,262	2,471	2,509	2,565	2,742	2,832	2,735	2,937	3,074
Central/East Europe	433	447	55	455	348	753	845	931	938	909	920	801	808	773
Czech Republic	132	20	0	0	38	0	0	0	0	0	0	0	0	0
Slovakia	40	2	0	0	11	0	0	8	21	3	20	0	27	1
Hungary	55	71	0	150	69	366	397	420	394	354	348	268	252	245
Poland	16	1	5	5	7	5	5	5	5	5	5	5	5	5
Other Central/East Europe	190	353	50	300	223	382	443	498	518	547	547	528	524	522
European Union-15 1/	5,800	2,750	4,000	6,000	4,638	7,738	7,279	7,004	6,944	7,419	7,419	8,621	8,491	8,748
Former Soviet Union 2/	2,289	1,026	949	2,200	1,616	991	1,094	1,236	1,336	1,163	1,213	1,088	1,109	973
Russia	1,500	300	149	1,750	925	598	534	600	652	491	491	347	342	200
Ukraine	215	123	100	200	160	168	260	336	384	372	422	441	467	473
Other Former Soviet Union	574	603	700	250	532	225	300	300	300	300	300	300	300	300
Turkey	1,022	3	500	800	581	429	433	437	442	446	451	455	460	552
Other	857	629	831	675	748	665	689	718	749	772	785	801	813	832
Total	15,921	12,153	14,356	17,572	15,001	16,783	16,900	17,067	17,376	17,985	18,319	19,209	19,386	19,997
Importers														
United States	1,434	887	801	762	971	1,197	1,197	1,197	1,197	1,197	1,197	1,197	1,197	1,197
Algeria	296	1	125	300	181	298	295	292	292	294	295	298	297	300
Brazil	61	326	175	200	191	238	245	249	255	263	270	281	287	298
China	1,365	1,399	2,050	2,000	1,704	1,909	1,874	1,925	1,978	2,088	2,145	2,266	2,333	2,464
Central/East Europe	868	282	915	240	576	462	428	413	423	540	554	789	680	691
Czech Republic	0	34	300	25	90	209	199	200	207	310	316	527	421	411
Slovakia	0	0	65	0	16	34	14	0	0	0	0	6	0	0
Hungary	49	21	60	10	35	0	0	0	0	0	0	0	0	0
Poland	682	197	325	100	326	173	168	166	169	183	191	209	212	233
Other Central/East Europe	137	30	165	105	109	46	47	47	47	47	47	47	47	47
European Union-15 1/	60	150	100	299	152	216	224	258	247	271	237	250	250	250
Former Soviet Union 2/	1,656	1,204	875	955	1,173	1,047	1,185	1,123	1,085	1,128	1,099	1,270	1,226	1,278
Russia	584	600	300	250	434	100	100	100	100	100	100	150	150	162
Ukraine	0	1	0	0	0	100	150	150	150	150	150	200	200	200
Other Former Soviet Union	1,072	603	575	705	739	847	935	873	835	878	849	920	876	916
Iran	384	338	496	800	505	369	353	342	342	361	363	381	371	384
Japan	1,751	1,529	1,529	1,750	1,640	1,692	1,696	1,681	1,668	1,670	1,653	1,660	1,649	1,650
Other N. Africa & M. East	1,663	1,162	2,360	2,275	1,865	1,896	1,912	1,925	1,947	1,993	2,023	2,082	2,126	2,180
Other S. America	336	338	296	276	312	301	302	301	302	310	311	314	311	312
Saudi Arabia	3,002	2,966	5,600	4,500	4,017	5,398	5,379	5,532	5,719	5,846	6,104	6,356	6,624	6,891
Taiwan	306	213	200	150	217	220	230	236	248	254	261	267	273	280
Tunisia	350	234	200	300	271	245	243	241	239	238	237	236	234	233
Turkey	54	60	25	25	41	86	129	140	192	226	237	177	145	151
Other	1,256	1,080	1,185	1,150	1,168	1,209	1,208	1,212	1,242	1,306	1,333	1,385	1,383	1,438
Total	14,842	12,169	16,932	15,982	14,981	16,783	16,900	17,067	17,376	17,985	18,319	19,209	19,386	19,997
Exports-Imports	1,079	-16	-2,576	1,590	19	0	0	0	0	0	0	0	0	0

1/ Excludes EU-15 intratrade. 2/ Includes FSU intratrade.

Table 13--Sorghum trade projections

Crop year	1994	1995	1996	1997	1994-97 avg.	1999	2000	2001	2002	2003	2004	2005	2006	2007
	1,000 tons													
Exporters														
United States	5,657	5,025	5,217	5,080	5,245	5,962	6,340	6,600	6,989	7,230	7,482	7,748	7,993	8,134
Argentina	192	800	798	1,200	748	601	607	605	581	546	534	501	489	486
Australia	50	537	150	250	247	330	295	278	245	216	195	159	146	136
Other S. America	31	46	25	25	32	23	24	25	25	26	26	25	25	25
Sub-Saharan Africa	235	86	5	50	94	50	50	51	59	77	56	56	72	63
Other	358	319	249	205	283	222	224	220	214	215	212	211	211	209
Total	6,523	6,813	6,444	6,810	6,648	7,188	7,540	7,779	8,113	8,310	8,505	8,700	8,936	9,053
Importers														
Japan	2,334	2,298	2,597	2,700	2,482	2,661	2,657	2,647	2,648	2,621	2,587	2,545	2,528	2,458
Mexico	2,544	1,764	2,091	2,500	2,225	3,151	3,477	3,781	4,080	4,302	4,505	4,732	4,977	5,149
Other N. Africa & M. East	214	432	457	400	376	422	437	447	462	473	485	495	503	515
Other S. America	47	140	53	60	75	32	28	31	39	38	42	41	40	42
Saudi Arabia	0	0	0	0	0	13	17	23	30	38	49	59	70	80
South Africa	13	0	0	0	3	0	0	0	1	2	5	8	9	9
South Korea	0	172	100	150	106	51	51	51	51	51	51	51	51	51
Sub-Saharan Africa	159	60	50	42	78	45	71	0	0	0	0	0	0	0
Taiwan	29	87	68	50	59	73	79	92	103	110	117	123	130	136
Thailand	36	4	5	0	11	0	0	0	0	0	0	0	0	0
Other	772	1,289	598	496	789	749	732	716	708	686	676	658	640	626
Total	6,148	6,246	6,019	6,398	6,203	7,197	7,549	7,788	8,122	8,321	8,517	8,712	8,948	9,066
Exports-Imports	375	567	425	412	445	-9	-9	-9	-9	-11	-12	-12	-12	-13

as animal numbers increase with an improving economy. High wheat prices are expected to reduce feed wheat trade in favor of coarse grains, especially to South Korea.

Significant growth in both corn and barley trade is expected. Sorghum trade is projected to increase gradually through the baseline as prices are attractive for Mexico and Japan. Trade in other coarse grains is projected to grow from 1997 levels, but remain below 1995 levels throughout the baseline as EU rye shipments to Korea are limited by transport costs.

World corn trade is expected to expand rapidly, passing the 1989 record of 80 million tons in 2002, and reaching 97 million tons by 2007. The largest gains in corn imports are expected to occur in China, Southeast Asia, and North Africa/Middle East, where demand for feed for livestock is expected to continue expanding rapidly. Although Argentina's corn exports are projected to rise, wheat and oilseed prices are likely to limit Argentine corn area expansion, leaving the United States the major beneficiary of robust import demand for corn.

For barley, much of the demand growth will occur in China and other malting barley markets. Feed barley imports by Saudi Arabia are expected to expand but, in most other markets, growth in feed barley imports is expected to be slowed by constrained supplies and substitution of other feeds. Canada and Australia are expected to expand area of wheat, canola, and malting barley at the expense of feed barley. The Uruguay Round Agreement limits on subsidized EU coarse grain exports will constrain combined exports of barley, rye, and other coarse grains through 2007. Future responses by other barley exporters to expected higher relative prices for competing crops (wheat and canola), and by barley importers to tight barley supplies, are important uncertainties in the outlook for coarse grain trade.

U.S. exports of coarse grains are projected to rise in the near term, as China returns to being a net corn importer and competition from Eastern Europe declines. U.S. exports grow an average of 2.8 million tons per year, reaching 86.5 million by 2007. By 2001, U.S. coarse grain exports are expected to reach the 1979/80 record of 71 million tons, with corn accounting for 64 million. The U.S. share of world coarse grain trade is projected to grow to 66.4 percent in 2004, but fall slightly in the last few years of the baseline. Growth in U.S. market

share is expected to slow toward the end of the projection period, as stronger prices boost foreign production and U.S. area expansion is increasingly limited by the CRP and crop competition.

Competitors' coarse grain exports are expected to drop in the near term, as gains in demand outpace production in China and South Africa. In the longer term, foreign coarse grain exports are projected to rise, particularly when import demand and prices strengthen after 2000, but remain below the highs of the early 1990s.

Foreign coarse grain production is projected to rise through 2007, as gains in both area and yields reverse the downward trend of the 1980s and early 1990s. Past coarse grain yield growth is expected to continue. Area growth is anticipated to be slow, 0.5 percent per year, but any growth is a big change from the generally declining coarse grain area since 1980. Foreign corn and barley production, in particular, are expected to respond to higher prices after 2000. Annual growth in foreign coarse grain consumption is projected at 2 percent through 2007, stronger than during the 1980s, but below the 3-percent rate of the 1970s. Corn is expected to account for the growth, especially in China, Southeast Asia, and Latin America, where livestock output and feed demand are expanding rapidly as incomes rise.

Highlights for Major Importers

About two-thirds of global coarse grain supplies are used as animal feed, and coarse grain that is traded is primarily used as feed. Thus, rising incomes and associated gains in per capita meat consumption, particularly in developing countries, drive projected gains in coarse grain use and trade. Industrial uses, such as starch production, ethanol, and malting, are relatively small but growing. Food use of coarse grains is concentrated in parts of Latin America, Africa, and Asia, and has generally declined over time as consumers tend to shift consumption toward wheat, rice, or other foods as their incomes rise.

Imports of coarse grains for livestock feeding are projected to strengthen dramatically in the baseline, fueled by strong per-capita income growth in China, Mexico, South America, the Middle East, and North Africa. Korea and Taiwan are also expected to remain major importers, but their import growth is projected to slow. Japan's imports are likely to wane as increasing meat imports reduce domestic demand for

feed grains; but Japan is expected to remain the largest single importer of coarse grains. Demand in East and Southeast Asia is projected to slow during the first few years of the baseline due to the Asian financial crisis. However, the baseline macroeconomic assumptions, completed in October 1997, do not fully account for the impacts of the crisis (see Asia crisis box, page 12).

Japan. Japan's coarse grain imports are expected to decline because of a contraction in feed use as meat imports increase. The projected decline in feed demand is expected to be only partially offset by rising imports of industrial-use corn in response to minimum access requirements under the Uruguay Round Agreement. Projected corn imports are still more than 15 million tons in 2007.

China. Strong economic growth is expected to raise meat demand, most of which is expected to be met by expanding domestic meat production. As livestock production is modernized and concentrated, the use of concentrate feed rations is expected to increase, further boosting feed demand. Although corn yields are projected to grow, land availability is constrained, and production is not expected to keep pace with demand growth. Increased corn imports will be needed for growing meat production and to contain domestic meat prices. While exporting significant quantities of corn from northern areas to nearby countries, China is expected to import ever larger amounts of corn in the south. Early in the baseline, China is expected to be a small net importer of less than a million tons, but by 2007 net corn imports are projected to reach more than 13 million tons. Substantial growth in malting barley imports to produce beer is also anticipated, with barley imports reaching 2.5 million tons in 2007.

The expected emergence of China as a large and growing corn importer is the key development in the projections for U.S. and global coarse grain trade. However, the size and pace of China's future imports is very uncertain, depending on policy developments and supply and demand uncertainties.

South Korea. Coarse grain imports are projected to continue growing during the decade, but at a slower rate than in the past. Lower income growth prospects dampen demand in the first years of the baseline. Even if economic growth turns out to be lower than assumed in this baseline, coarse grain imports are likely to grow because a more competitive exchange rate would be expected to boost the competitiveness of local meat

production and exports, offsetting lower income growth. Grain fed is projected to rise by about 25 percent from 1997 levels by 2006. Increased production of all live-stock products except beef will contribute to the growth, but feeding of swine will be the most important factor. By 2007, South Korean corn imports are expected to remain below 12 million tons, but up from less than 10 million early in the baseline. Limited availability of competitively priced feed wheat or rye will contribute to this strengthening demand for corn.

Mexico. Mexico's coarse grain imports are projected to show robust growth, rising from about 8 million tons in 1998 to 12 million by 2007. Area planted to corn is expected to decline slowly as PROCAMPO policies change relative prices, and because the progressive integration of subsistence producers into the money economy should reduce the predominance of corn. Mexico is expected to continue to allow duty-free corn imports above the tariff rate quota level (3.46 million tons in 2005) set under the North America Free Trade Agreement. Sorghum imports are projected to expand despite gains in Mexican sorghum area under PROCAMPO. Growth in corn feed use will be driven by gains in per capita income and resulting increases in meat demand and meat production. Corn food use, primarily in the form of tortillas, will be driven largely by population growth.

Taiwan. The sudden and devastating outbreak of foot-and-mouth disease (FMD) on Taiwan's hog farms in March 1997 is expected to have a significant impact on Taiwan's coarse grain trade (see box, page 164). The timing and extent of any recovery in Taiwan's pork exports and hog production is uncertain. For the purpose of the baseline projections, it is assumed that Taiwan will withdraw from pork exports for about 5 years, with exports restarting in 2003 and gradually recovering to about 25 percent of their former level by 2007. Coarse grain imports are projected to fall to 4.5 million tons in 1998, but grow to 6.7 million by 2007, driven by steady gains in poultry. Efforts to raise domestic coarse grain production will have little impact on trade.

Former Soviet Union. The FSU is responsible for most of the drop in global coarse grain trade in recent years. Coarse grain imports by the countries of the FSU are projected to rise slowly through 2007, but remain well below historical highs due to continued relatively low historical livestock inventories, the impact of low real incomes on meat and feed demand,

and limited foreign exchange and credit. FSU imports, which ranged between 11 and 28 million tons in the 1980s and early 1990s, are projected to rise from less than 2 million tons early in the baseline to more than 4 million tons by 2007. Ukraine is expected to increase corn exports throughout the baseline, but Russia is projected to reduce barley exports, leaving the region's coarse grain exports little changed.

The timing and extent of recovery in FSU coarse grain production and use are uncertain, depending on the pace of economic and farm sector reform and on the pace of foreign direct investments. Changes in the outlook for economic growth or gains in farm productivity could alter the trade projections significantly.

Saudi Arabia. Saudi Arabia is the world's largest barley importer, and is projected to be the fifth largest coarse grain importer in 2007, importing more than 9 million tons. Uruguay Round limits on EU barley exports are expected to result in some substitution of corn for barley in Saudi feed rations and imports. Current Saudi policy reforms are also expected to reduce sharply producer subsidies and limit growth in barley production. Saudi corn feed use is projected to increase under the assumption of substantial expansion in the poultry industry. The share of corn in total coarse grain imports is projected to rise to more than 2 million tons by 2007.

The response of barley importers, including Saudi Arabia and other North Africa and Middle East countries, to tight global supplies and rising prices relative to other feed grains is an important area of uncertainty in the coarse grain projections. Slowed growth in feed demand and more substitution of corn and other feeds is expected, but the relative size of these adjustments is difficult to assess.

North Africa, Middle East, South America, Central America, and the Caribbean. Countries in these regions are beginning to expand livestock production, following the pattern of East Asia during the 1980's. Income growth through 2007 is projected to be stronger than during the 1980's in North Africa, the Middle East, and much of Latin America.

Highlights for Major Foreign Exporters

Coarse grain exports are also projected to rise sharply through 2007, with corn accounting for the bulk of the gains, but also significant gains in barley and sorghum.

Increases in exports of other coarse grains are expected to be relatively small. The United States, Argentina, CEE, and FSU are expected to expand corn exports, with Argentina becoming the largest U.S. competitor, as exports by China and South Africa decline. U.S. sorghum is projected to meet nearly all growth in sorghum trade, mostly to Mexico and Japan. EU barley exports are expected to be capped by UR limits on subsidized coarse grain exports. Australian and Canadian barley exports are projected to show modest growth.

Argentina. Corn area is expected to change little throughout the baseline as higher coarse grain prices are offset by increasing returns to soybeans, sunflower, and wheat. Increased input use is, however, expected to maintain production gains, and push corn exports to almost 13 million tons by 2007, keeping Argentina the world's second largest exporter of coarse grains. Input prices are expected to continue to fall relative to output prices as domestic inflation eases and the government continues to support market-oriented policies. With even higher prices, additional land could be brought into production. However, major area expansion beyond the reach of existing marketing channels may require more investment in marketing infrastructure.

Central and Eastern Europe. Significant coarse grain export gains are projected in response to higher nominal corn and barley prices. Corn exports are projected to rise to over 3 million tons by 2007. Barley exports increase until 2002, reaching nearly a million tons, as world demand is strong and EU exports are limited; but later in the baseline, exports decline and imports rise, leaving the region a net exporter of only a nominal amount by 2007. Despite the expected recovery in consumer incomes, growth in domestic feed demand is expected to be relatively slow as higher meat and feed prices resulting from market reforms both dampen demand for meat products and stimulate gains in feeding efficiency. Export growth will, however, depend on prices remaining firm because several of these countries support domestic prices at relatively high levels.

The potential for exports of corn from CEE and barley from the FSU is an important uncertainty in the outlook. Exports from Eastern Europe are expected to emerge more rapidly than from the FSU because market reforms are more advanced and the region has a history of exporting significant amounts of coarse grains, including recent exports in response to higher

world prices. While the projections incorporate the expected growth of future trade, actual exports could be significantly higher or lower depending on agricultural policy decisions as well as supply response to world market prices.

China. China's coarse grain exports are projected to decline through 2007, as strong internal corn demand limits export availabilities. As noted above, however, the rate of decline of China's corn exports is a key uncertainty in the projections.

South Africa. Corn exports are already significantly less than historical levels and are projected to drop further. Corn area is expected to rise as the economy gradually strengthens, but most new production is likely to be consumed domestically as per capita income and feed demand rise.

European Union. The EU is projected to remain the world's third largest exporter of coarse grains with exports of about 10 million tons of barley and other coarse grains in 2007. Although excess supplies are likely to push internal market prices of coarse grains below intervention prices, world market prices are not projected to permit unsubsidized coarse grain exports during the baseline. As a result, EU exports are expected to be constrained by Uruguay Round limits on subsidized exports through 2007. In the first few years of the baseline, however, tight supplies and higher feed use are expected to hold coarse grain exports below the Uruguay Round subsidized export limits.

The EU area set-aside, assumed at 5 percent for 1997-1999 and 10 percent for 2000-2007, will be the key instrument for balancing coarse grain production with exports and internal feed demand. Feed demand for corn and barley is expected to expand due to rising domestic and export demand for pork and poultry,

whose production is more grain-intensive than beef. On the other hand, use of non-grain feeds, particularly corn gluten feed and other energy, is likely to slow due to lower beef production following BSE-induced slow-down in consumer demand. EU grain feed use is also likely to be affected in the longer term by lower internal market prices resulting from compliance with constraints on subsidized exports. Set-aside rates below 10 percent for 2000-2007, however, would likely lead to excess supplies of coarse grains that could not be fed domestically or exported without subsidy.

EU coarse grain imports are expected to be limited to the minimum access commitments for corn. Corn imports for the northern European starch industry are assumed to fall due to competition from wheat, and are included in the minimum access levels for the Iberian countries.

Canada. Barley production is projected to show only modest growth because of area competition with wheat and canola. Barley acreage is projected to increase gradually as demand for malting barley rises. But domestic barley demand is expected to show less growth, so some gains in exports are likely. Annual barley exports are projected to reach 3 million tons by 2007 primarily because of increased demand for malting barley.

Australia. Australia's coarse grain output is dominated by barley. Little growth is projected for barley area because of competition from other crops, and most production gains will come from increasing yields. Exports of feed barley are projected to decline because of limited output gains and rising domestic feed demand. However, with the rapid expansion of beer consumption in Asia, malting barley exports are likely to continue to grow.

Table 14--Coarse Grains Supply and Use Projections

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
World										
1994	323,441	2.70	873,683	92,983	92,392	860,178	260,498	45.7	574,410	136,225
1995	313,363	2.56	801,845	84,425	93,752	840,955	258,614	44.7	547,666	95,444
1996	322,441	2.81	907,217	89,985	90,390	887,406	267,474	45.6	582,625	118,319
1997	316,994	2.82	892,857	88,232	91,669	904,645	267,389	45.0	605,751	105,071
1994-97 ave.	319,060	2.72	868,901	88,906	92,051	873,296	263,494	45.3	577,613	113,765
1999	319,163	2.93	934,042	101,649	101,649	929,574	276,418	45.3	617,164	117,584
2000	320,567	2.96	948,522	105,755	105,755	949,842	279,457	45.2	634,580	116,264
2001	321,062	3.00	964,298	108,968	108,968	966,219	282,468	45.0	647,785	114,344
2002	322,080	3.05	981,978	112,842	112,842	983,002	285,600	45.0	661,404	113,320
2003	322,925	3.09	998,609	116,717	116,717	999,804	288,918	44.9	674,376	112,125
2004	325,094	3.14	1,019,738	120,693	120,693	1,019,013	291,841	44.8	689,676	112,850
2005	326,309	3.18	1,038,300	124,708	124,708	1,037,151	294,864	44.7	704,113	113,999
2006	326,933	3.23	1,054,456	128,065	128,065	1,053,086	298,001	44.6	716,736	115,369
2007	327,680	3.27	1,070,396	132,414	132,414	1,069,244	301,036	44.6	729,396	116,521
United States										
1994	37,591	7.58	284,886	3,394	62,425	207,900	47,538	180.7	159,232	45,338
1995	33,549	6.24	209,436	2,790	63,004	180,120	44,796	168.7	133,591	14,440
1996	38,384	6.97	267,559	2,930	51,523	206,397	47,591	177.6	157,067	27,009
1997	37,550	7.07	265,422	2,940	48,129	218,666	49,598	183.5	165,826	28,576
1994-97 ave.	36,769	6.98	256,826	3,014	56,270	203,271	47,381	177.6	153,929	28,841
1999	38,259	7.34	280,937	3,177	64,673	216,980	52,258	190.1	163,221	33,047
2000	38,300	7.43	284,584	3,177	68,878	220,908	53,655	193.5	165,489	31,022
2001	38,421	7.54	289,719	3,177	71,678	223,874	54,558	195.2	167,557	28,366
2002	38,664	7.63	295,016	3,177	74,604	226,300	55,483	196.9	169,063	25,655
2003	38,988	7.72	300,823	3,177	77,373	228,847	56,499	198.9	170,568	23,435
2004	39,271	7.81	306,537	3,177	80,177	231,011	57,403	200.5	171,838	21,961
2005	39,474	7.89	311,473	3,177	82,340	233,003	58,419	202.4	172,818	21,268
2006	39,595	7.98	316,008	3,177	84,487	234,915	59,450	204.4	173,689	21,051
2007	39,636	8.07	319,764	3,177	86,538	236,657	60,466	206.2	174,433	20,797
Algeria										
1994	362	0.67	243	1,421	0	1,664	186	6.5	1,478	100
1995	901	0.66	592	489	0	1,131	200	6.9	940	50
1996	1,101	1.27	1,402	1,035	0	2,437	400	13.4	2,012	50
1997	1,001	0.48	477	1,300	0	1,777	400	13.1	1,377	50
1994-97 ave.	841	0.81	679	1,061	0	1,752	297	10.0	1,452	63
1999	1,094	0.90	987	1,413	0	2,393	174	5.5	2,219	93
2000	1,097	0.91	994	1,411	0	2,405	178	5.5	2,220	93
2001	1,100	0.91	1,001	1,409	0	2,411	183	5.5	2,223	93
2002	1,102	0.91	1,007	1,412	0	2,420	188	5.6	2,228	92
2003	1,107	0.92	1,014	1,417	0	2,432	192	5.6	2,235	91
2004	1,111	0.92	1,022	1,421	0	2,443	197	5.6	2,243	92
2005	1,113	0.92	1,028	1,426	0	2,455	202	5.6	2,250	91
2006	1,114	0.93	1,032	1,428	0	2,460	207	5.7	2,252	92
2007	1,117	0.93	1,039	1,435	0	2,474	212	5.7	2,260	92
Argentina										
1994	3,558	3.89	13,855	8	6,099	7,889	1,818	53.0	6,071	1,427
1995	3,950	3.57	14,085	8	8,355	6,451	1,840	53.1	4,606	714
1996	4,659	4.06	18,931	74	12,298	6,614	1,795	51.2	4,704	807
1997	4,735	4.49	21,250	11	13,200	7,860	1,595	45.0	5,965	1,008
1994-97 ave.	4,226	4.03	17,030	25	9,988	7,204	1,762	50.6	5,337	989
1999	4,219	4.12	17,388	0	9,684	7,670	1,636	45.2	6,034	977
2000	4,241	4.21	17,844	0	9,985	7,834	1,696	46.4	6,138	1,002
2001	4,224	4.31	18,225	0	10,273	7,934	1,722	46.6	6,212	1,020
2002	4,244	4.43	18,803	0	10,752	8,025	1,745	46.7	6,281	1,046
2003	4,231	4.54	19,226	0	11,099	8,110	1,758	46.6	6,352	1,063
2004	4,273	4.68	19,979	0	11,732	8,213	1,779	46.7	6,434	1,097
2005	4,304	4.81	20,690	0	12,340	8,319	1,802	46.8	6,518	1,128
2006	4,294	4.92	21,136	0	12,699	8,417	1,821	46.9	6,596	1,148
2007	4,385	5.04	22,087	0	13,554	8,489	1,834	46.8	6,655	1,192

See note at end of table.

Continued---

Table 14--Coarse Grains Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
Australia										
1994	4,173	1.30	5,406	185	1,277	4,716	1,167	64.5	3,549	491
1995	5,032	1.91	9,625	30	4,222	5,263	1,299	71.1	3,962	661
1996	5,063	1.97	9,968	3	4,410	5,681	1,226	66.5	4,454	541
1997	4,885	1.74	8,505	10	3,160	5,205	1,200	64.5	4,005	681
1994-97 ave.	4,788	1.75	8,376	57	3,267	5,216	1,223	66.7	3,993	594
1999	4,609	1.81	8,329	10	2,751	5,617	1,212	64.0	4,405	693
2000	4,517	1.84	8,313	10	2,860	5,440	1,219	63.8	4,222	716
2001	4,591	1.87	8,580	10	2,998	5,595	1,224	63.5	4,370	713
2002	4,659	1.90	8,831	10	3,163	5,685	1,231	63.4	4,454	706
2003	4,691	1.92	9,027	10	3,279	5,759	1,237	63.2	4,523	705
2004	4,744	1.95	9,265	10	3,429	5,848	1,242	63.0	4,605	703
2005	4,781	1.98	9,477	10	3,406	6,108	1,249	62.8	4,859	676
2006	4,828	2.01	9,714	10	3,478	6,261	1,255	62.7	5,006	661
2007	4,843	2.04	9,899	10	3,743	6,152	1,261	62.6	4,891	675
Brazil										
1994	14,744	2.59	38,216	1,483	0	37,036	5,556	34.6	31,633	7,275
1995	14,332	2.32	33,236	751	110	37,837	5,606	34.5	32,205	3,315
1996	14,205	2.58	36,630	550	200	38,210	5,605	34.1	32,635	2,085
1997	13,185	2.56	33,805	975	25	35,330	5,355	32.2	29,975	1,510
1994-97 ave.	14,117	2.51	35,472	940	84	37,103	5,531	33.8	31,612	3,546
1999	13,512	2.67	36,096	1,812	25	37,812	5,397	31.8	32,415	1,619
2000	13,658	2.71	37,024	1,953	25	38,912	5,368	31.4	33,544	1,659
2001	13,788	2.77	38,222	2,083	25	40,223	5,363	31.1	34,861	1,716
2002	13,827	2.82	38,983	2,123	25	41,046	5,363	30.8	35,682	1,751
2003	13,844	2.87	39,697	2,271	25	41,909	5,333	30.4	36,576	1,785
2004	13,905	2.92	40,614	2,277	25	42,828	5,320	30.1	37,508	1,823
2005	13,957	2.97	41,496	2,299	25	43,733	5,303	29.7	38,431	1,860
2006	14,067	3.03	42,566	2,311	25	44,804	5,312	29.6	39,491	1,908
2007	14,130	3.07	43,393	2,312	25	45,642	5,315	29.4	40,327	1,946
Canada										
1994	6,955	3.36	23,394	931	4,730	21,320	2,707	94.9	18,593	3,296
1995	6,967	3.46	24,122	871	4,164	21,224	2,572	89.2	18,652	2,901
1996	8,004	3.52	28,194	919	5,425	21,311	2,636	90.5	18,666	5,278
1997	7,625	3.31	25,215	1,010	4,850	22,107	2,635	89.6	19,412	4,546
1994-97 ave.	7,388	3.42	25,231	933	4,792	21,491	2,638	91.1	18,831	4,005
1999	7,711	3.43	26,447	750	4,355	22,802	2,828	94.3	19,974	3,975
2000	7,745	3.45	26,686	826	4,681	22,832	2,843	93.9	19,989	3,974
2001	7,784	3.46	26,952	874	4,838	22,965	2,854	93.5	20,112	3,997
2002	7,840	3.48	27,245	948	4,981	23,175	2,867	93.1	20,308	4,034
2003	7,919	3.48	27,593	1,003	5,176	23,382	2,884	92.9	20,498	4,072
2004	7,977	3.49	27,831	1,077	5,361	23,524	2,905	92.8	20,618	4,095
2005	7,954	3.50	27,873	1,104	5,276	23,674	2,928	92.8	20,746	4,122
2006	8,072	3.51	28,370	1,118	5,586	23,867	2,951	92.8	20,916	4,157
2007	8,132	3.52	28,650	1,152	5,738	24,035	2,975	92.8	21,059	4,186
Central America & Caribbean										
1994	2,526	1.29	3,267	2,105	16	5,422	2,889	42.5	2,602	249
1995	2,601	1.47	3,836	2,012	5	5,840	2,998	43.4	2,795	252
1996	2,660	1.44	3,828	2,625	0	6,397	3,135	44.7	3,159	308
1997	2,653	1.38	3,655	2,720	0	6,405	3,099	43.5	3,246	278
1994-97 ave.	2,610	1.40	3,647	2,366	5	6,016	3,030	43.5	2,951	272
1999	2,697	1.38	3,735	2,696	0	6,429	3,207	43.6	3,222	281
2000	2,719	1.39	3,788	2,741	0	6,526	3,190	42.7	3,337	284
2001	2,741	1.40	3,840	2,774	0	6,612	3,183	42.0	3,429	286
2002	2,763	1.41	3,890	2,838	0	6,725	3,208	41.7	3,517	289
2003	2,785	1.42	3,944	2,889	0	6,830	3,234	41.5	3,596	291
2004	2,807	1.42	3,999	2,969	0	6,965	3,293	41.6	3,671	295
2005	2,829	1.43	4,049	3,013	0	7,060	3,292	41.0	3,768	297
2006	2,851	1.44	4,094	3,049	0	7,141	3,269	40.1	3,871	299
2007	2,872	1.44	4,146	3,107	0	7,250	3,298	39.9	3,952	302

See note at end of table.

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Table 14--Coarse Grains Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
Central & Eastern Europe										
1994	16,735	2.80	46,852	1,324	1,237	47,791	10,381	86.2	37,350	3,386
1995	16,148	3.19	51,438	719	2,759	48,851	10,922	90.9	37,935	3,933
1996	16,181	3.06	49,557	1,696	1,472	49,757	10,804	90.0	38,791	3,957
1997	16,328	3.55	57,891	820	3,400	53,502	10,872	90.6	42,510	5,721
1994-97 ave.	16,348	3.15	51,435	1,140	2,217	49,975	10,745	89.4	39,147	4,249
1999	16,885	3.19	53,843	1,120	3,212	51,759	11,131	92.5	40,629	4,630
2000	16,776	3.23	54,143	1,131	2,997	52,278	11,319	93.8	40,956	4,629
2001	16,642	3.26	54,307	1,106	2,987	52,423	11,461	94.7	40,961	4,632
2002	16,562	3.30	54,641	1,283	2,993	52,906	11,580	95.5	41,323	4,656
2003	16,531	3.34	55,270	1,369	2,979	53,583	11,682	96.1	41,899	4,733
2004	16,522	3.39	55,987	1,504	2,979	54,446	11,809	96.9	42,637	4,800
2005	16,515	3.43	56,592	1,621	3,004	55,104	11,927	97.7	43,179	4,904
2006	16,512	3.46	57,082	1,522	3,548	55,059	12,049	98.5	43,010	4,902
2007	16,511	3.50	57,716	1,555	4,172	55,078	12,134	99.1	42,942	4,922
China										
1994	26,089	4.38	114,291	6,366	1,601	117,053	33,331	27.8	81,306	28,762
1995	27,329	4.56	124,504	2,962	255	122,273	33,582	27.8	86,024	33,700
1996	29,154	4.85	141,368	2,175	3,997	130,742	35,470	29.0	93,160	42,454
1997	27,980	4.22	118,150	2,300	5,025	136,575	34,781	28.2	98,994	21,254
1994-97 ave.	27,638	4.51	124,578	3,451	2,720	126,661	34,291	28.2	89,871	31,543
1999	28,001	5.09	142,531	4,907	1,214	144,279	34,946	27.9	107,072	36,351
2000	29,747	5.05	150,259	6,286	1,249	153,674	34,491	27.3	116,272	37,973
2001	29,287	5.25	153,863	7,079	1,236	159,014	34,208	26.9	121,904	38,665
2002	29,286	5.44	159,449	8,099	1,224	165,158	33,856	26.4	128,368	39,831
2003	28,681	5.66	162,418	9,424	1,191	170,216	33,383	25.9	133,848	40,266
2004	29,498	5.76	169,833	10,856	1,170	178,022	32,794	25.3	141,856	41,763
2005	29,502	5.92	174,657	12,582	1,143	185,223	32,324	24.7	149,306	42,636
2006	29,362	6.12	179,689	14,378	1,130	192,019	31,859	24.2	156,475	43,554
2007	29,102	6.31	183,491	16,774	1,098	198,597	31,325	23.7	163,420	44,124
Czech Republic										
1994	863	3.72	3,211	32	160	3,217	1,002	97.1	2,215	513
1995	723	3.74	2,703	80	25	2,973	1,060	102.7	1,941	298
1996	763	3.73	2,849	550	0	3,390	1,030	99.8	2,290	307
1997	831	3.91	3,253	60	0	3,328	1,065	103.2	2,260	257
1994-97 ave.	795	3.78	3,004	181	46	3,227	1,039	100.7	2,177	344
1999	836	3.82	3,190	246	11	3,457	1,083	104.6	2,374	930
2000	815	3.85	3,135	247	4	3,398	1,084	104.4	2,313	910
2001	810	3.88	3,142	255	0	3,400	1,100	105.7	2,299	907
2002	804	3.91	3,143	282	0	3,422	1,097	105.2	2,324	910
2003	806	3.95	3,184	385	0	3,539	1,102	105.6	2,436	940
2004	806	3.99	3,215	415	0	3,617	1,116	106.8	2,501	953
2005	805	4.02	3,236	619	0	3,805	1,121	107.2	2,684	1,003
2006	803	4.04	3,246	525	0	3,781	1,134	108.4	2,646	993
2007	806	4.07	3,282	516	0	3,795	1,127	107.8	2,668	996
Egypt										
1994	1,105	5.95	6,580	2,613	0	8,893	1,908	30.6	6,985	545
1995	1,100	5.71	6,278	2,245	0	8,735	1,975	31.1	6,783	333
1996	1,074	6.29	6,755	3,183	0	9,938	2,070	31.9	7,868	333
1997	1,130	5.87	6,635	3,275	0	9,915	1,945	29.5	7,770	328
1994-97 ave.	1,102	5.95	6,562	2,829	0	9,370	1,975	30.8	7,352	385
1999	1,176	5.99	7,039	3,318	0	10,344	2,124	31.0	8,220	263
2000	1,184	6.05	7,158	3,564	0	10,713	2,193	31.5	8,520	272
2001	1,191	6.27	7,465	3,683	0	11,139	2,246	31.7	8,890	281
2002	1,200	6.40	7,674	3,795	0	11,461	2,300	31.9	9,161	289
2003	1,206	6.48	7,819	3,947	0	11,760	2,357	32.1	9,400	295
2004	1,212	6.60	8,003	4,055	0	12,051	2,410	32.3	9,639	302
2005	1,221	6.67	8,140	4,210	0	12,343	2,464	32.5	9,878	309
2006	1,232	6.77	8,338	4,361	0	12,691	2,525	32.8	10,161	317
2007	1,239	6.89	8,542	4,518	0	13,052	2,594	33.2	10,454	325

See note at end of table.

Continued---

Table 14--Coarse Grains Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
EU-15										
1994	18,765	4.62	86,621	3,920	8,750	87,415	6,327	17.0	65,218	12,397
1995	18,478	4.79	88,488	3,825	5,050	89,801	6,040	16.1	68,426	9,859
1996	19,628	5.29	103,735	3,225	6,350	98,718	5,877	15.6	72,323	11,751
1997	20,576	5.28	108,672	2,799	8,200	97,191	5,913	15.7	75,631	17,831
1994-97 ave.	19,362	5.00	96,879	3,442	7,088	93,281	6,039	16.1	70,400	12,960
1999	20,109	5.25	105,518	2,516	9,528	98,580	6,023	15.9	74,591	13,292
2000	19,505	5.33	103,964	2,524	8,959	98,193	6,044	15.9	74,217	12,628
2001	19,390	5.40	104,691	2,558	8,544	98,787	6,075	15.9	74,627	12,546
2002	19,343	5.45	105,408	2,547	8,484	99,270	6,111	16.0	74,944	12,747
2003	19,389	5.50	106,544	2,571	8,959	99,989	6,144	16.0	75,509	12,914
2004	19,322	5.54	107,135	2,537	8,959	100,590	6,177	16.1	75,962	13,037
2005	19,484	5.60	109,137	2,550	10,161	101,404	6,204	16.1	76,575	13,159
2006	19,228	5.65	108,677	2,550	10,063	101,208	6,237	16.2	76,220	13,115
2007	19,222	5.70	109,504	2,550	10,418	101,593	6,263	16.2	76,442	13,158
Former Soviet Union										
1994	50,442	1.62	81,832	2,819	2,784	83,057	22,781	77.9	60,286	12,444
1995	45,077	1.32	59,411	2,084	1,536	66,005	20,247	69.2	45,800	6,373
1996	39,687	1.39	54,973	1,880	1,549	57,808	20,219	69.0	37,684	3,869
1997	40,388	1.74	70,295	1,885	3,075	65,102	20,339	69.3	44,176	7,862
1994-97 ave.	43,899	1.52	66,628	2,167	2,236	67,993	20,897	71.3	46,987	7,637
1999	39,857	1.57	62,427	2,305	2,662	62,102	21,270	72.1	37,337	4,647
2000	39,264	1.58	62,195	2,664	2,594	62,336	21,203	71.6	38,356	4,576
2001	39,104	1.60	62,690	2,825	2,868	62,597	21,284	71.6	38,502	4,626
2002	38,905	1.62	63,134	3,009	2,900	63,166	21,488	72.0	38,923	4,703
2003	38,853	1.65	63,944	3,169	2,803	64,228	21,765	72.7	39,333	4,785
2004	38,731	1.67	64,698	3,480	2,901	65,178	22,040	73.3	39,856	4,884
2005	38,618	1.70	65,506	3,786	2,913	66,311	22,334	74.0	40,297	4,952
2006	38,441	1.72	66,233	3,945	3,004	67,114	22,632	74.6	40,684	5,012
2007	38,291	1.75	67,159	4,146	2,945	68,288	22,948	75.4	41,307	5,084
Hungary										
1994	1,763	3.52	6,200	59	425	5,854	634	62.9	5,220	390
1995	1,563	4.04	6,308	35	571	5,804	640	64.0	5,160	358
1996	1,497	4.70	7,040	72	100	6,562	550	55.4	5,920	808
1997	1,520	5.17	7,865	20	1,350	6,540	640	64.8	5,900	803
1994-97 ave.	1,586	4.32	6,853	47	612	6,190	616	61.8	5,550	590
1999	1,556	4.74	7,368	0	571	6,802	653	66.6	6,150	488
2000	1,535	4.79	7,353	26	397	6,987	662	67.8	6,323	483
2001	1,525	4.84	7,384	4	420	6,970	672	69.1	6,298	481
2002	1,519	4.89	7,426	112	394	7,142	684	70.4	6,458	483
2003	1,521	4.94	7,519	67	354	7,228	692	71.5	6,536	487
2004	1,521	5.00	7,602	113	348	7,365	701	72.7	6,664	489
2005	1,519	5.04	7,656	0	322	7,328	713	74.2	6,615	495
2006	1,516	5.07	7,693	0	493	7,198	728	76.0	6,471	497
2007	1,520	5.12	7,783	0	742	7,040	739	77.5	6,300	498
Indonesia										
1994	3,652	1.67	6,100	1,738	56	7,047	3,000	14.7	4,047	1,100
1995	3,531	1.70	6,000	774	30	7,244	3,000	14.5	4,244	600
1996	3,550	1.83	6,500	944	0	7,344	2,900	13.8	4,450	700
1997	3,500	1.86	6,500	600	0	7,200	2,900	13.6	4,300	600
1994-97 ave.	3,558	1.76	6,275	1,014	22	7,209	2,950	14.2	4,260	750
1999	3,563	1.87	6,657	1,246	0	7,886	2,834	12.9	5,052	542
2000	3,596	1.86	6,700	1,598	0	8,271	2,782	12.5	5,489	569
2001	3,629	1.86	6,746	1,865	0	8,589	2,737	12.1	5,853	591
2002	3,664	1.86	6,800	1,961	0	8,750	2,683	11.7	6,067	602
2003	3,692	1.85	6,843	2,067	0	8,900	2,628	11.3	6,273	612
2004	3,720	1.85	6,888	2,160	0	9,039	2,566	10.9	6,473	621
2005	3,749	1.85	6,938	2,254	0	9,182	2,498	10.5	6,684	631
2006	3,779	1.85	6,993	2,348	0	9,331	2,424	10.1	6,907	641
2007	3,811	1.85	7,052	2,451	0	9,491	2,348	9.6	7,144	653

See note at end of table.

Continued---

Table 14--Coarse Grains Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
Iran										
1994	2,660	1.42	3,790	1,476	0	5,224	1,554	24.0	3,670	942
1995	2,560	1.32	3,390	1,619	0	5,189	1,525	23.1	3,664	762
1996	2,460	1.30	3,190	2,046	0	5,391	1,525	22.6	3,870	607
1997	2,285	1.37	3,120	2,300	0	5,495	1,525	22.1	3,970	532
1994-97 ave.	2,491	1.35	3,373	1,860	0	5,325	1,532	23.0	3,794	711
1999	2,526	1.40	3,530	1,721	0	5,280	1,437	20.0	3,843	556
2000	2,537	1.40	3,555	1,711	0	5,316	1,458	19.8	3,859	506
2001	2,549	1.40	3,580	1,706	0	5,342	1,480	19.7	3,866	450
2002	2,558	1.41	3,601	1,713	0	5,372	1,503	19.6	3,874	392
2003	2,574	1.41	3,631	1,740	0	5,401	1,522	19.4	3,884	362
2004	2,589	1.41	3,661	1,751	0	5,428	1,540	19.2	3,893	346
2005	2,598	1.42	3,682	1,778	0	5,453	1,558	19.1	3,901	353
2006	2,601	1.42	3,695	1,775	0	5,481	1,576	18.9	3,912	342
2007	2,612	1.42	3,720	1,793	0	5,505	1,591	18.7	3,925	350
Iraq										
1994	1,499	1.07	1,609	1	0	1,610	675	33.6	935	0
1995	1,499	1.07	1,609	2	0	1,611	676	32.8	935	0
1996	1,449	1.01	1,459	0	0	1,459	674	31.8	785	0
1997	1,349	0.79	1,059	200	0	1,059	674	30.9	385	0
1994-97 ave.	1,449	0.99	1,434	51	0	1,435	675	32.3	760	0
1999	1,587	1.10	1,750	455	0	2,179	727	31.5	1,452	191
2000	1,602	1.11	1,777	496	0	2,261	751	31.5	1,509	203
2001	1,617	1.12	1,803	511	0	2,324	783	32.0	1,540	194
2002	1,631	1.12	1,829	555	0	2,391	809	32.1	1,580	186
2003	1,647	1.13	1,857	620	0	2,464	836	32.2	1,625	199
2004	1,663	1.13	1,885	676	0	2,540	863	32.4	1,673	220
2005	1,678	1.14	1,911	711	0	2,604	891	32.5	1,709	238
2006	1,691	1.15	1,937	720	0	2,690	920	32.7	1,767	205
2007	1,706	1.15	1,965	794	0	2,770	949	32.8	1,818	194
Japan										
1994	65	3.54	230	21,101	0	21,585	4,108	32.8	17,477	2,200
1995	63	3.56	224	20,279	0	20,616	4,062	32.4	16,554	2,087
1996	59	4.00	236	20,525	0	20,873	4,107	32.7	16,766	1,975
1997	54	3.30	178	20,840	0	21,117	4,107	32.6	17,010	1,876
1994-97 ave.	60	3.60	217	20,686	0	21,048	4,096	32.6	16,952	2,035
1999	70	3.84	269	20,745	0	21,013	4,571	36.1	16,443	1,951
2000	71	3.86	274	20,759	0	21,031	4,619	36.4	16,412	1,953
2001	71	3.92	278	20,750	0	21,031	4,732	37.2	16,298	1,950
2002	72	3.92	282	20,620	0	20,912	4,742	37.2	16,169	1,940
2003	73	3.92	286	20,487	0	20,781	4,750	37.2	16,029	1,932
2004	74	3.93	291	20,329	0	20,632	4,747	37.2	15,883	1,920
2005	74	3.99	295	20,156	0	20,459	4,719	36.9	15,741	1,912
2006	75	4.00	300	19,992	0	20,302	4,711	36.9	15,592	1,902
2007	76	4.01	305	19,776	0	20,093	4,664	36.5	15,429	1,890
Malaysia										
1994	20	2.00	40	2,415	0	2,315	75	3.8	2,240	300
1995	23	1.87	43	2,343	0	2,436	80	4.0	2,356	250
1996	25	1.80	45	2,400	0	2,500	90	4.4	2,425	195
1997	25	1.80	45	2,200	0	2,300	100	4.8	2,225	140
1994-97 ave.	23	1.86	43	2,340	0	2,388	86	4.3	2,312	221
1999	26	1.82	48	2,698	0	2,734	104	4.8	2,630	189
2000	27	1.83	49	2,806	0	2,847	106	4.8	2,741	197
2001	28	1.84	51	3,040	0	3,075	108	4.8	2,967	213
2002	28	1.85	52	3,140	0	3,185	110	4.8	3,075	220
2003	29	1.85	54	3,248	0	3,294	113	4.8	3,182	228
2004	30	1.86	55	3,364	0	3,411	115	4.9	3,296	236
2005	30	1.87	57	3,484	0	3,533	117	4.9	3,416	244
2006	31	1.88	59	3,607	0	3,657	120	4.9	3,538	253
2007	32	1.89	61	3,735	0	3,787	122	4.9	3,664	262

See note at end of table.

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Table 14--Coarse Grains Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Feed	Ending stocks
						Total	Food	Food/cap		
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
Mexico										
1994	9,372	2.20	20,605	5,832	71	26,616	14,897	158.5	11,719	2,028
1995	9,833	2.43	23,848	8,461	50	30,857	15,537	162.2	15,320	3,430
1996	10,300	2.55	26,250	5,373	50	32,157	15,840	162.4	16,445	2,846
1997	10,600	2.37	25,150	6,410	500	32,260	15,790	158.9	16,770	1,646
1994-97 ave.	10,026	2.39	23,963	6,519	168	30,473	15,516	160.5	15,064	2,488
1999	10,664	2.54	27,090	8,353	0	35,381	16,176	157.2	19,205	2,229
2000	10,671	2.58	27,561	8,847	0	36,336	16,400	156.7	19,939	2,301
2001	10,681	2.62	28,010	9,336	0	37,276	16,627	156.2	20,645	2,371
2002	10,691	2.66	28,433	9,863	0	38,225	16,873	156.0	21,347	2,442
2003	10,705	2.70	28,870	10,288	0	39,093	17,110	155.6	21,980	2,507
2004	10,720	2.74	29,329	10,676	0	39,942	17,347	155.4	22,588	2,570
2005	10,735	2.78	29,813	11,054	0	40,802	17,575	155.0	23,219	2,635
2006	10,750	2.82	30,269	11,485	0	41,686	17,795	154.6	23,881	2,703
2007	10,766	2.86	30,745	11,826	0	42,509	18,016	154.3	24,482	2,765
Morocco										
1994	2,982	1.33	3,967	762	0	3,448	1,412	48.4	2,036	1,375
1995	1,745	0.39	680	529	0	2,449	1,271	42.7	1,172	135
1996	2,740	1.48	4,050	711	0	3,526	1,510	49.7	2,016	1,370
1997	2,365	0.65	1,545	750	0	3,295	1,510	48.7	1,785	370
1994-97 ave.	2,458	1.04	2,561	688	0	3,180	1,426	47.4	1,752	813
1999	2,643	0.88	2,327	628	0	2,949	1,512	46.9	1,437	379
2000	2,661	0.89	2,365	637	0	2,996	1,552	47.3	1,444	385
2001	2,679	0.90	2,403	653	0	3,049	1,594	47.6	1,457	392
2002	2,695	0.91	2,441	662	0	3,097	1,632	47.9	1,466	398
2003	2,715	0.91	2,483	679	0	3,154	1,669	48.1	1,483	406
2004	2,735	0.92	2,525	683	0	3,201	1,707	48.3	1,492	413
2005	2,751	0.93	2,564	696	0	3,253	1,747	48.6	1,505	420
2006	2,765	0.94	2,602	694	0	3,291	1,790	49.0	1,501	425
2007	2,783	0.95	2,644	715	0	3,350	1,831	49.2	1,520	434
Pakistan										
1994	1,865	1.01	1,878	0	0	1,878	1,323	9.7	555	0
1995	1,835	1.00	1,835	0	0	1,835	1,325	9.5	510	0
1996	1,880	0.99	1,860	0	0	1,860	1,330	9.2	530	0
1997	1,860	0.99	1,850	0	0	1,850	1,331	9.0	530	0
1994-97 ave.	1,860	1.00	1,856	0	0	1,856	1,327	9.4	531	0
1999	1,908	1.02	1,945	31	0	1,976	1,333	8.5	642	0
2000	1,926	1.03	1,993	61	0	2,054	1,362	8.5	693	0
2001	1,947	1.05	2,047	93	0	2,140	1,396	8.5	744	0
2002	1,969	1.07	2,104	98	0	2,202	1,404	8.3	798	0
2003	1,981	1.08	2,146	108	0	2,254	1,400	8.1	854	0
2004	1,985	1.10	2,177	127	0	2,304	1,391	7.8	912	0
2005	1,988	1.11	2,205	150	0	2,355	1,382	7.6	973	0
2006	1,991	1.12	2,235	175	0	2,410	1,373	7.4	1,036	0
2007	1,993	1.14	2,264	202	0	2,466	1,364	7.1	1,102	0
Philippines										
1994	2,967	1.53	4,534	136	0	4,700	1,800	24.7	2,900	145
1995	2,760	1.57	4,324	516	0	4,850	1,800	24.2	3,050	135
1996	2,730	1.56	4,250	445	0	4,745	1,800	23.7	2,945	85
1997	2,700	1.56	4,200	250	0	4,450	1,800	23.2	2,650	85
1994-97 ave.	2,789	1.55	4,327	337	0	4,686	1,800	23.9	2,886	113
1999	2,721	1.64	4,451	752	0	5,199	1,762	21.8	3,438	110
2000	2,729	1.66	4,531	789	0	5,318	1,764	21.4	3,553	112
2001	2,734	1.69	4,627	841	0	5,465	1,763	20.9	3,702	115
2002	2,743	1.72	4,711	958	0	5,665	1,758	20.5	3,907	119
2003	2,748	1.75	4,810	1,078	0	5,884	1,744	19.9	4,140	123
2004	2,757	1.79	4,929	1,210	0	6,134	1,729	19.4	4,406	128
2005	2,768	1.82	5,049	1,300	0	6,345	1,716	18.9	4,629	132
2006	2,778	1.85	5,152	1,367	0	6,516	1,703	18.5	4,812	136
2007	2,784	1.89	5,258	1,434	0	6,689	1,687	18.0	5,002	139

See note at end of table.

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Table 14--Coarse Grains Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		Feed
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
Poland										
1994	6,079	2.32	14,115	957	16	15,795	4,322	112.0	11,455	737
1995	6,170	2.79	17,242	501	13	16,956	4,625	119.7	12,318	1,511
1996	6,244	2.68	16,717	675	5	17,594	4,622	119.4	12,972	1,304
1997	6,340	2.71	17,179	600	5	17,945	4,590	118.4	13,355	1,133
1994-97 ave.	6,208	2.63	16,313	683	10	17,073	4,540	117.4	12,525	1,171
1999	6,248	2.74	17,090	666	25	17,728	4,660	119.5	13,068	1,004
2000	6,225	2.76	17,209	674	26	17,850	4,693	119.9	13,157	1,011
2001	6,216	2.79	17,326	678	25	17,973	4,728	120.3	13,243	1,017
2002	6,197	2.80	17,373	699	25	18,043	4,766	120.8	13,277	1,021
2003	6,180	2.82	17,431	723	25	18,125	4,804	121.3	13,320	1,025
2004	6,154	2.84	17,454	758	25	18,184	4,843	121.9	13,342	1,028
2005	6,138	2.85	17,493	786	25	18,250	4,882	122.4	13,368	1,032
2006	6,136	2.86	17,556	800	25	18,327	4,921	123.0	13,406	1,036
2007	6,120	2.87	17,577	839	25	18,388	4,959	123.6	13,429	1,039
Russia										
1994	30,151	1.50	45,100	809	1,831	43,827	14,501	97.8	29,326	6,236
1995	27,212	1.13	30,700	860	463	35,802	12,592	85.0	23,210	1,531
1996	24,851	1.27	31,646	600	349	32,397	12,860	86.9	19,591	1,031
1997	24,800	1.65	40,850	550	1,800	37,050	13,450	91.0	23,660	3,581
1994-97 ave.	26,754	1.39	37,074	705	1,111	37,269	13,351	90.2	23,947	3,095
1999	24,825	1.35	33,463	391	847	32,997	13,690	92.5	17,257	1,173
2000	24,396	1.36	33,185	485	628	33,031	13,654	92.2	18,047	1,184
2001	24,235	1.37	33,319	528	720	33,106	13,736	92.6	18,026	1,205
2002	24,051	1.39	33,442	585	702	33,301	13,864	93.4	18,164	1,229
2003	23,953	1.41	33,773	621	541	33,824	14,006	94.2	18,188	1,258
2004	23,813	1.43	34,098	716	541	34,240	14,149	95.0	18,336	1,291
2005	23,682	1.46	34,486	797	397	34,856	14,304	95.9	18,418	1,321
2006	23,514	1.48	34,864	902	392	35,342	14,496	97.0	18,612	1,353
2007	23,356	1.51	35,368	981	250	36,063	14,721	98.4	18,894	1,389
Saudi Arabia										
1994	520	4.38	2,279	3,934	0	7,011	204	11.2	6,808	2,184
1995	391	3.72	1,454	3,889	0	6,177	204	10.8	5,974	1,350
1996	254	2.57	654	6,873	0	6,977	204	10.5	6,773	1,900
1997	309	3.25	1,004	5,800	0	6,804	304	15.0	6,500	1,900
1994-97 ave.	369	3.66	1,348	5,124	0	6,742	229	11.9	6,514	1,834
1999	331	3.28	1,086	6,844	0	7,756	184	8.5	7,572	2,211
2000	335	3.29	1,102	6,879	0	8,101	189	8.5	7,943	2,091
2001	339	3.30	1,118	7,098	0	8,327	194	8.4	8,165	1,980
2002	345	3.32	1,147	7,360	0	8,615	198	8.3	8,449	1,872
2003	353	3.35	1,182	7,573	0	8,938	205	8.3	8,768	1,689
2004	360	3.38	1,217	7,933	0	9,217	211	8.4	9,038	1,622
2005	366	3.40	1,247	8,284	0	9,508	215	8.3	9,324	1,645
2006	372	3.43	1,274	8,661	0	9,838	217	8.1	9,674	1,742
2007	379	3.46	1,309	9,028	0	10,273	222	8.0	10,086	1,806
Slovakia										
1994	412	3.75	1,544	2	99	1,533	388	72.4	1,115	195
1995	403	3.78	1,522	1	47	1,486	407	75.7	1,044	185
1996	403	3.92	1,580	98	45	1,604	432	80.1	1,133	214
1997	435	4.17	1,815	0	45	1,780	432	79.8	1,295	204
1994-97 ave.	413	3.91	1,615	25	59	1,601	415	77.0	1,147	200
1999	413	4.12	1,703	34	42	1,702	443	81.0	1,259	350
2000	403	4.18	1,686	14	10	1,696	449	81.6	1,247	344
2001	401	4.24	1,698	5	16	1,690	455	82.1	1,236	341
2002	398	4.29	1,710	29	27	1,712	460	82.7	1,252	340
2003	399	4.36	1,741	33	10	1,756	466	83.2	1,290	348
2004	399	4.43	1,767	59	25	1,799	471	83.8	1,328	351
2005	398	4.48	1,785	58	7	1,827	477	84.4	1,351	359
2006	397	4.53	1,801	42	33	1,812	483	85.0	1,329	358
2007	399	4.60	1,834	37	7	1,854	488	85.6	1,365	367

See note at end of table.

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Table 14--Coarse Grains Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
South Africa										
1994	3,935	1.37	5,400	633	176	7,357	3,932	94.8	3,425	900
1995	4,317	2.54	10,986	188	2,169	8,705	4,245	100.1	4,380	1,200
1996	4,342	2.19	9,525	250	1,400	8,725	4,252	98.1	4,461	850
1997	3,892	2.06	8,030	850	400	8,530	4,256	96.1	4,244	800
1994-97 ave.	4,122	2.06	8,485	480	1,036	8,329	4,171	97.3	4,128	938
1999	4,272	2.37	10,139	266	376	9,954	4,875	105.4	5,079	1,033
2000	4,314	2.39	10,316	221	340	10,171	4,991	105.6	5,211	1,059
2001	4,357	2.41	10,495	207	339	10,344	5,109	105.8	5,274	1,078
2002	4,397	2.43	10,670	222	338	10,532	5,235	106.2	5,356	1,100
2003	4,444	2.44	10,863	253	338	10,756	5,350	106.3	5,453	1,122
2004	4,491	2.46	11,058	292	338	10,992	5,467	106.4	5,522	1,142
2005	4,532	2.48	11,240	319	338	11,200	5,599	106.8	5,598	1,163
2006	4,588	2.51	11,497	262	338	11,394	5,742	107.4	5,705	1,190
2007	4,653	2.53	11,780	214	338	11,629	5,872	107.7	5,841	1,217
South Korea										
1994	127	3.81	484	8,966	0	9,148	512	11.4	6,882	865
1995	123	3.87	476	10,139	0	10,728	465	10.2	8,571	752
1996	123	3.88	477	8,778	0	9,285	506	11.0	6,979	722
1997	123	3.88	477	7,800	0	8,230	506	10.9	6,024	769
1994-97 ave.	124	3.86	479	8,921	0	9,348	497	10.9	7,114	777
1999	119	3.94	469	10,362	0	10,784	476	10.1	8,542	861
2000	117	3.96	463	10,736	0	11,157	468	9.8	8,898	903
2001	115	3.97	457	10,953	0	11,387	462	9.6	9,114	926
2002	113	4.00	452	11,175	0	11,605	456	9.4	9,312	948
2003	111	4.02	446	11,381	0	11,809	451	9.2	9,502	966
2004	109	4.04	440	11,583	0	12,003	446	9.0	9,683	986
2005	107	4.07	435	11,771	0	12,190	441	8.8	9,851	1,002
2006	105	4.10	430	11,948	0	12,365	437	8.7	10,007	1,015
2007	103	4.12	424	12,128	0	12,538	435	8.6	10,168	1,029
Sub-Saharan Africa										
1994	59,889	0.92	55,050	2,168	551	56,542	53,092	98.0	1,225	2,245
1995	61,458	0.97	59,490	787	811	59,566	55,457	99.5	1,379	2,145
1996	63,871	0.92	59,030	2,049	213	61,056	56,224	98.1	1,350	1,955
1997	61,935	0.91	56,449	2,067	100	59,016	56,258	95.5	1,265	1,355
1994-97 ave.	61,788	0.93	57,505	1,768	419	59,045	55,258	97.8	1,305	1,925
1999	61,189	0.99	60,457	1,184	575	60,943	59,627	95.7	1,316	2,309
2000	61,798	1.00	61,675	1,181	572	62,243	60,885	95.1	1,314	2,350
2001	62,704	1.01	63,326	1,105	564	63,809	62,457	94.9	1,314	2,408
2002	63,580	1.02	64,979	1,095	566	65,446	64,149	94.9	1,316	2,470
2003	64,544	1.03	66,793	1,098	580	67,240	66,011	95.0	1,317	2,541
2004	65,436	1.05	68,575	1,048	562	69,002	67,584	94.7	1,317	2,600
2005	66,161	1.06	70,228	974	569	70,574	69,185	94.3	1,318	2,659
2006	66,858	1.08	71,939	930	595	72,206	70,917	94.1	1,321	2,727
2007	67,627	1.09	73,753	900	597	73,992	72,654	93.9	1,322	2,791
Taiwan										
1994	84	4.46	375	6,622	0	6,498	0	0.0	6,031	1,708
1995	72	4.71	339	6,033	0	6,416	0	0.0	6,003	1,664
1996	66	4.03	266	6,012	0	6,303	0	0.0	5,898	1,639
1997	66	4.03	266	5,200	0	5,616	0	0.0	5,211	1,489
1994-97 ave.	72	4.33	312	5,967	0	6,208	0	0.0	5,786	1,625
1999	65	4.03	262	5,136	0	5,313	0	0.0	4,897	1,109
2000	62	4.03	249	5,312	0	5,724	0	0.0	5,303	946
2001	59	4.02	236	5,621	0	5,870	0	0.0	5,445	933
2002	56	4.04	225	5,926	0	6,079	0	0.0	5,651	1,005
2003	53	4.02	213	6,091	0	6,236	0	0.0	5,805	1,073
2004	50	3.90	196	6,264	0	6,464	0	0.0	5,948	1,069
2005	48	4.04	193	6,412	0	6,510	0	0.0	6,072	1,164
2006	45	4.03	183	6,591	0	6,667	0	0.0	6,224	1,271
2007	43	4.04	174	6,749	0	6,803	0	0.0	6,357	1,391

See note at end of table.

Continued---

Table 14--Coarse Grains Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
Thailand										
1994	1,360	2.94	4,000	256	160	3,936	61	1.0	3,875	384
1995	1,300	3.00	3,900	264	97	4,154	60	1.0	4,094	297
1996	1,360	3.01	4,100	305	50	4,355	260	4.4	4,195	297
1997	1,190	2.94	3,500	500	75	4,050	260	4.3	3,890	172
1994-97 ave.	1,303	2.98	3,875	331	96	4,124	160	2.7	4,014	288
1999	1,314	3.09	4,060	148	0	4,217	265	4.3	3,952	189
2000	1,298	3.10	4,028	46	0	4,084	268	4.3	3,816	180
2001	1,296	3.12	4,047	27	0	4,078	270	4.3	3,808	176
2002	1,299	3.14	4,085	13	0	4,101	273	4.3	3,828	173
2003	1,298	3.16	4,100	78	0	4,178	275	4.4	3,903	173
2004	1,310	3.18	4,169	104	0	4,273	278	4.4	3,995	174
2005	1,317	3.21	4,227	189	0	4,414	281	4.4	4,132	176
2006	1,314	3.22	4,237	191	0	4,431	283	4.4	4,147	173
2007	1,300	3.23	4,203	179	0	4,387	286	4.4	4,101	168
Tunisia										
1994	251	0.58	146	575	0	781	30	3.4	751	50
1995	201	4.16	836	450	0	1,131	50	5.5	1,031	205
1996	701	1.21	851	577	0	1,258	100	10.9	1,143	375
1997	251	0.76	191	601	0	1,122	100	10.7	1,022	45
1994-97 ave.	351	1.44	506	551	0	1,073	70	7.6	987	169
1999	414	0.78	324	569	0	892	70	7.2	822	54
2000	418	0.79	330	574	0	903	72	7.4	831	54
2001	422	0.80	336	579	0	915	75	7.5	840	55
2002	426	0.81	343	583	0	925	77	7.6	849	55
2003	430	0.81	350	589	0	938	79	7.7	858	56
2004	435	0.82	357	594	0	950	82	7.9	868	57
2005	438	0.83	364	600	0	963	86	8.1	877	57
2006	442	0.84	370	605	0	975	88	8.2	887	58
2007	446	0.85	377	612	0	989	91	8.3	897	59
Turkey										
1994	4,408	2.01	8,875	516	1,027	9,173	1,887	31.0	7,275	751
1995	4,503	2.08	9,360	799	161	9,532	1,805	29.2	7,755	1,217
1996	4,683	2.12	9,930	1,014	505	10,219	1,900	30.3	8,319	1,437
1997	4,778	2.16	10,330	763	805	10,430	1,900	29.8	8,530	1,157
1994-97 ave.	4,593	2.10	9,624	773	625	9,839	1,873	30.1	7,970	1,141
1999	4,688	2.20	10,325	927	437	11,062	1,653	25.1	9,410	1,189
2000	4,718	2.22	10,469	996	437	11,235	1,656	24.8	9,583	982
2001	4,745	2.24	10,609	1,077	441	11,327	1,658	24.5	9,671	900
2002	4,763	2.25	10,694	1,334	446	11,586	1,667	24.3	9,923	896
2003	4,789	2.26	10,805	1,442	450	11,732	1,674	24.1	10,061	961
2004	4,815	2.27	10,916	1,511	455	11,814	1,679	23.8	10,140	1,119
2005	4,836	2.28	11,017	1,467	459	11,793	1,686	23.6	10,111	1,351
2006	4,853	2.29	11,111	1,486	464	11,956	1,693	23.5	10,268	1,528
2007	4,877	2.30	11,218	1,550	556	12,049	1,697	23.2	10,446	1,691
Ukraine										
1994	6,998	2.65	18,526	148	265	19,142	3,376	66.1	15,766	2,996
1995	6,897	2.26	15,607	26	198	15,662	3,570	70.2	12,127	2,744
1996	5,335	1.78	9,510	25	225	11,190	3,360	66.3	7,810	864
1997	6,800	2.26	15,350	10	725	13,425	3,540	70.0	9,900	2,064
1994-97 ave.	6,508	2.27	14,748	52	353	14,855	3,462	68.1	11,401	2,167
1999	6,066	2.40	14,563	200	1,290	13,531	3,597	71.4	9,291	1,667
2000	6,005	2.44	14,636	273	1,366	13,648	3,559	70.7	9,443	1,562
2001	6,004	2.47	14,849	350	1,498	13,704	3,516	69.9	9,530	1,559
2002	5,996	2.51	15,042	425	1,548	13,902	3,543	70.5	9,693	1,576
2003	6,012	2.55	15,309	485	1,607	14,169	3,624	72.2	9,867	1,594
2004	6,017	2.58	15,553	555	1,660	14,426	3,706	73.9	10,029	1,616
2005	6,025	2.62	15,798	650	1,766	14,670	3,797	75.7	10,173	1,628
2006	6,023	2.66	16,010	700	1,862	14,841	3,852	76.9	10,280	1,635
2007	6,026	2.70	16,256	750	1,945	15,052	3,884	77.6	10,445	1,644

See note at end of table.

Continued---

Table 14--Coarse Grains Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
Other Central & Eastern Europe										
1994	7,618	2.86	21,782	274	537	21,392	4,035	72.0	17,345	1,551
1995	7,289	3.25	23,663	102	2,103	21,632	4,190	75.0	17,472	1,581
1996	7,274	2.94	21,371	301	1,322	20,607	4,170	74.9	16,476	1,324
1997	7,202	3.86	27,779	140	2,000	23,909	4,145	74.5	19,700	3,324
1994-97 ave.	7,346	3.22	23,649	204	1,491	21,885	4,135	74.1	17,748	1,945
1999	7,832	3.13	24,492	174	2,563	22,070	4,292	77.0	17,778	1,858
2000	7,798	3.18	24,760	170	2,560	22,347	4,431	79.3	17,916	1,881
2001	7,690	3.22	24,757	164	2,526	22,390	4,506	80.4	17,885	1,886
2002	7,644	3.27	24,989	161	2,547	22,587	4,573	81.4	18,012	1,902
2003	7,625	3.33	25,395	161	2,590	22,935	4,618	82.0	18,317	1,933
2004	7,642	3.40	25,949	159	2,581	23,481	4,678	82.9	18,802	1,979
2005	7,655	3.45	26,422	158	2,650	23,894	4,734	83.8	19,161	2,015
2006	7,660	3.50	26,786	155	2,997	23,941	4,783	84.6	19,158	2,018
2007	7,666	3.55	27,240	163	3,398	24,001	4,821	85.2	19,180	2,022
Other Former Soviet Union										
1994	13,293	1.37	18,206	1,862	688	20,088	4,904	52.6	15,194	3,212
1995	10,968	1.19	13,104	1,198	875	14,541	4,085	43.6	10,463	2,098
1996	9,501	1.45	13,817	1,255	975	14,221	3,999	42.4	10,283	1,974
1997	8,788	1.60	14,095	1,325	550	14,627	3,349	35.2	10,616	2,217
1994-97 ave.	10,638	1.39	14,806	1,410	772	15,869	4,084	43.4	11,639	2,375
1999	8,966	1.61	14,401	1,714	525	15,574	3,983	41.2	10,789	1,807
2000	8,863	1.62	14,374	1,906	600	15,657	3,990	40.8	10,866	1,830
2001	8,865	1.64	14,522	1,947	650	15,787	4,032	40.9	10,946	1,862
2002	8,858	1.65	14,650	1,999	650	15,963	4,081	41.0	11,066	1,898
2003	8,888	1.67	14,862	2,063	655	16,235	4,135	41.1	11,278	1,933
2004	8,901	1.69	15,047	2,209	700	16,512	4,185	41.2	11,491	1,977
2005	8,911	1.71	15,222	2,339	750	16,785	4,233	41.2	11,706	2,003
2006	8,904	1.72	15,359	2,343	750	16,931	4,284	41.3	11,792	2,024
2007	8,909	1.74	15,535	2,415	750	17,173	4,343	41.4	11,968	2,051
Other N. Africa & Middle East										
1994	3,012	0.87	2,627	3,986	745	5,960	1,399	25.4	4,556	731
1995	3,086	0.92	2,829	3,463	550	5,833	1,987	34.8	4,451	640
1996	2,661	1.00	2,650	5,307	600	7,232	1,627	27.6	5,800	765
1997	2,745	0.82	2,246	4,825	400	6,841	1,443	23.7	5,373	595
1994-97 ave.	2,876	0.90	2,588	4,395	574	6,467	1,614	27.9	5,045	683
1999	3,084	0.83	2,559	4,591	510	6,626	1,448	22.3	5,178	558
2000	3,092	0.84	2,592	4,740	515	6,807	1,470	22.0	5,336	568
2001	3,118	0.85	2,637	4,864	520	6,971	1,472	21.4	5,498	578
2002	3,159	0.85	2,692	5,014	526	7,167	1,481	20.9	5,686	591
2003	3,201	0.86	2,752	5,169	531	7,374	1,483	20.3	5,892	607
2004	3,253	0.87	2,822	5,326	536	7,595	1,489	19.8	6,106	624
2005	3,301	0.87	2,884	5,498	541	7,823	1,490	19.3	6,332	642
2006	3,341	0.88	2,936	5,666	547	8,038	1,484	18.7	6,555	659
2007	3,377	0.89	2,994	5,843	552	8,267	1,480	18.2	6,786	677
Other South America										
1994	3,605	2.12	7,658	4,502	419	11,519	4,748	38.3	6,758	1,177
1995	3,475	2.13	7,394	4,461	216	12,056	5,006	39.7	7,252	760
1996	3,452	2.16	7,473	4,762	178	12,041	5,569	43.4	6,905	776
1997	3,467	2.13	7,388	5,086	175	12,374	4,936	37.8	7,593	701
1994-97 ave.	3,500	2.14	7,478	4,703	247	11,998	5,065	39.8	7,127	854
1999	3,603	2.20	7,943	5,480	173	13,237	5,140	38.2	8,096	723
2000	3,620	2.24	8,119	5,566	174	13,497	5,257	38.5	8,243	737
2001	3,638	2.28	8,296	5,625	176	13,732	5,336	38.5	8,400	750
2002	3,664	2.31	8,482	5,696	176	13,989	5,403	38.4	8,592	763
2003	3,689	2.36	8,688	5,820	177	14,314	5,545	38.9	8,773	780
2004	3,720	2.39	8,907	5,931	176	14,645	5,707	39.5	8,937	797
2005	3,751	2.43	9,117	5,985	176	14,912	5,817	39.7	9,095	811
2006	3,783	2.46	9,298	6,009	176	15,121	5,866	39.5	9,255	821
2007	3,812	2.49	9,502	6,050	177	15,362	5,955	39.6	9,411	834

Note: Food category includes other uses in some countries.

Table 15--Corn Supply and Use Projections

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		Feed
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
World										
1994	135,549	4.14	561,839	68,142	65,224	539,513	159,202	27.9	375,750	94,120
1995	134,196	3.84	515,491	62,912	70,920	543,281	160,909	27.8	366,737	65,839
1996	141,153	4.19	592,047	63,752	65,067	573,817	164,608	28.1	398,837	84,249
1997	140,095	4.13	578,529	63,020	63,572	595,906	165,233	27.8	419,788	67,002
1994-97 ave.	137,748	4.08	561,977	64,457	66,196	563,129	162,488	27.9	390,278	77,803
1999	141,785	4.38	620,681	72,182	72,182	616,553	172,398	28.2	432,598	84,434
2000	143,539	4.42	633,770	75,899	75,899	634,448	174,564	28.2	448,383	83,756
2001	143,927	4.50	647,217	78,705	78,705	648,765	176,583	28.2	460,597	82,207
2002	144,728	4.58	662,171	81,720	81,720	662,878	178,551	28.1	472,679	81,500
2003	144,988	4.65	674,616	84,664	84,664	675,790	180,586	28.1	483,481	80,326
2004	146,605	4.72	691,911	87,827	87,827	691,512	182,304	28.0	497,199	80,724
2005	147,400	4.79	706,145	90,566	90,566	705,455	184,166	27.9	509,323	81,414
2006	148,051	4.86	720,065	93,433	93,433	718,730	186,109	27.9	520,695	82,750
2007	148,558	4.93	732,211	96,895	96,895	731,483	187,910	27.8	531,532	83,478
United States										
1994	29,496	8.70	256,621	243	55,311	183,577	42,831	162.8	140,282	39,571
1995	26,303	7.12	187,305	419	56,589	159,887	40,073	150.9	118,930	10,819
1996	29,602	7.97	236,064	337	45,597	179,190	42,445	158.4	136,214	22,433
1997	29,834	7.97	237,897	254	41,277	195,208	44,579	164.9	148,597	24,099
1994-97 ave.	28,809	7.97	229,472	313	49,694	179,466	42,482	159.3	136,006	24,231
1999	30,688	8.26	253,631	254	57,143	195,081	47,246	171.8	147,327	28,399
2000	30,688	8.37	256,806	254	60,970	198,377	48,643	175.5	149,232	26,112
2001	30,891	8.48	261,887	254	63,510	201,170	49,532	177.2	151,137	23,573
2002	31,093	8.58	266,839	254	66,047	203,333	50,421	178.9	152,407	21,286
2003	31,296	8.69	271,920	254	68,575	205,631	51,437	181.1	153,677	19,254
2004	31,498	8.80	277,126	254	71,127	207,777	52,326	182.8	154,947	17,730
2005	31,619	8.90	281,445	254	73,024	209,437	53,342	184.8	155,582	16,968
2006	31,700	9.01	285,636	254	74,926	211,091	54,359	186.9	156,217	16,841
2007	31,700	9.11	288,938	254	76,836	212,737	55,375	188.8	156,852	16,460
Algeria										
1994	1	2.00	2	1,100	0	1,102	0	0.0	1,102	100
1995	1	2.00	2	488	0	540	0	0.0	540	50
1996	1	2.00	2	910	0	912	0	0.0	912	50
1997	1	2.00	2	1,000	0	1,002	0	0.0	1,002	50
1994-97 ave.	1	2.00	2	875	0	889	0	0.0	889	63
1999	1	2.00	2	1,107	0	1,109	0	0.0	1,109	66
2000	1	2.00	2	1,109	0	1,111	0	0.0	1,111	66
2001	1	1.99	2	1,111	0	1,114	0	0.0	1,114	65
2002	1	1.99	2	1,115	0	1,118	0	0.0	1,117	64
2003	1	1.99	2	1,118	0	1,121	0	0.0	1,121	63
2004	1	1.99	2	1,122	0	1,124	0	0.0	1,124	63
2005	1	1.99	2	1,125	0	1,128	0	0.0	1,128	63
2006	1	1.99	2	1,129	0	1,131	0	0.0	1,131	63
2007	1	1.99	2	1,133	0	1,135	0	0.0	1,135	63
Argentina										
1994	2,550	4.45	11,360	0	5,782	5,478	1,500	43.7	3,978	1,100
1995	2,700	4.11	11,100	0	7,494	4,306	1,500	43.3	2,806	400
1996	3,400	4.56	15,500	0	11,250	4,200	1,500	42.8	2,700	450
1997	3,300	5.00	16,500	1	11,700	4,750	1,300	36.7	3,300	501
1994-97 ave.	2,988	4.56	13,615	0	9,057	4,684	1,450	41.6	3,196	613
1999	3,103	4.64	14,386	0	8,913	5,447	1,330	36.7	4,117	715
2000	3,110	4.75	14,777	0	9,187	5,570	1,378	37.7	4,192	735
2001	3,090	4.89	15,109	0	9,451	5,642	1,398	37.8	4,245	751
2002	3,113	5.03	15,668	0	9,928	5,715	1,414	37.9	4,301	776
2003	3,113	5.17	16,091	0	10,291	5,780	1,422	37.7	4,359	796
2004	3,163	5.32	16,815	0	10,928	5,855	1,437	37.7	4,417	828
2005	3,207	5.46	17,521	0	11,558	5,932	1,454	37.8	4,477	859
2006	3,204	5.60	17,941	0	11,924	5,999	1,466	37.7	4,532	877
2007	3,297	5.72	18,859	0	12,770	6,047	1,473	37.6	4,574	919

See note at end of table.

Continued---

Table 15--Corn Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks		
						Total	Food	Food/cap		Feed	
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---	
Brazil											
1994	14,189	2.64	37,440	1,407	0		36,158	5,200	32.4	30,958	7,275
1995	13,767	2.36	32,480	400	110		36,780	5,250	32.3	31,530	3,265
1996	13,600	2.63	35,800	350	200		37,150	5,250	31.9	31,960	2,065
1997	12,600	2.62	33,000	750	25		34,300	5,000	30.1	29,300	1,490
1994-97 ave.	13,539	2.56	34,680	727	84		36,097	5,175	31.7	30,937	3,524
1999	12,971	2.72	35,320	1,520	25		36,746	5,015	29.6	31,731	1,597
2000	13,119	2.76	36,246	1,652	25		37,833	4,977	29.1	32,856	1,637
2001	13,265	2.82	37,458	1,775	25		39,152	4,968	28.8	34,184	1,693
2002	13,310	2.87	38,220	1,811	25		39,971	4,961	28.5	35,011	1,728
2003	13,336	2.92	38,938	1,948	25		40,827	4,920	28.0	35,907	1,762
2004	13,402	2.97	39,851	1,949	25		41,738	4,897	27.7	36,841	1,799
2005	13,462	3.03	40,735	1,958	25		42,632	4,866	27.3	37,766	1,835
2006	13,578	3.08	41,806	1,965	25		43,698	4,866	27.1	38,831	1,883
2007	13,647	3.12	42,634	1,954	25		44,526	4,855	26.8	39,671	1,920
Canada											
1994	955	7.37	7,043	925	346		7,650	1,600	56.1	6,050	652
1995	1,003	7.25	7,271	855	450		7,630	1,460	50.7	6,170	698
1996	1,058	6.98	7,380	897	300		7,650	1,500	51.5	6,150	1,025
1997	1,050	6.84	7,180	1,000	300		7,950	1,500	51.0	6,450	955
1994-97 ave.	1,017	7.10	7,219	919	349		7,720	1,515	52.3	6,205	833
1999	1,042	7.18	7,480	739	319		7,891	1,601	53.4	6,289	743
2000	1,035	7.21	7,461	815	323		7,948	1,616	53.4	6,332	748
2001	1,032	7.23	7,465	863	326		7,997	1,629	53.4	6,368	753
2002	1,028	7.26	7,462	937	329		8,064	1,644	53.4	6,419	759
2003	1,026	7.28	7,472	992	332		8,126	1,658	53.4	6,468	765
2004	1,021	7.30	7,456	1,066	336		8,181	1,672	53.4	6,509	770
2005	1,022	7.33	7,488	1,093	339		8,237	1,685	53.4	6,552	775
2006	1,024	7.36	7,534	1,107	343		8,292	1,698	53.4	6,595	781
2007	1,024	7.38	7,555	1,141	346		8,345	1,710	53.3	6,635	786
Central America & Caribbean											
1994	2,110	1.34	2,819	2,079	16		4,943	2,618	38.5	2,398	222
1995	2,144	1.54	3,294	1,982	5		5,271	2,684	38.9	2,540	222
1996	2,204	1.48	3,270	2,590	0		5,804	2,820	40.2	2,879	278
1997	2,195	1.42	3,125	2,690	0		5,845	2,809	39.4	2,976	248
1994-97 ave.	2,163	1.45	3,127	2,335	5		5,466	2,733	39.3	2,698	243
1999	2,237	1.43	3,204	2,696	0		5,898	2,907	39.5	2,991	253
2000	2,258	1.44	3,256	2,741	0		5,995	2,883	38.6	3,112	255
2001	2,279	1.45	3,308	2,774	0		6,080	2,872	37.9	3,208	257
2002	2,301	1.46	3,357	2,838	0		6,192	2,891	37.6	3,301	260
2003	2,322	1.47	3,411	2,889	0		6,297	2,912	37.3	3,385	263
2004	2,343	1.48	3,465	2,969	0		6,431	2,965	37.5	3,465	266
2005	2,364	1.49	3,514	3,013	0		6,525	2,958	36.8	3,567	269
2006	2,385	1.49	3,559	3,049	0		6,606	2,930	36.0	3,675	271
2007	2,406	1.50	3,610	3,107	0		6,714	2,953	35.7	3,762	274
Central & Eastern Europe											
1994	7,068	3.21	22,716	363	744		22,187	3,300	27.4	18,880	1,829
1995	6,848	3.62	24,773	351	2,275		22,847	3,560	29.6	19,309	1,831
1996	7,035	3.62	25,459	361	1,397		24,299	3,585	29.9	20,714	1,955
1997	6,853	4.54	31,131	370	2,925		26,618	3,515	29.3	23,020	3,878
1994-97 ave.	6,951	3.74	26,020	361	1,835		23,988	3,490	29.0	20,481	2,373
1999	7,317	3.68	26,900	437	2,420		24,891	3,634	30.2	21,256	2,199
2000	7,271	3.73	27,125	487	2,119		25,467	3,741	31.0	21,726	2,225
2001	7,169	3.79	27,157	480	2,028		25,600	3,798	31.4	21,800	2,234
2002	7,121	3.85	27,412	632	2,029		25,998	3,849	31.7	22,147	2,251
2003	7,106	3.92	27,875	600	2,043		26,401	3,884	31.9	22,516	2,282
2004	7,118	4.00	28,462	694	2,034		27,078	3,930	32.2	23,148	2,326
2005	7,125	4.06	28,949	578	2,176		27,319	3,975	32.6	23,343	2,358
2006	7,120	4.12	29,318	567	2,714		27,170	4,016	32.8	23,156	2,359
2007	7,124	4.19	29,821	566	3,373		27,013	4,044	33.0	22,968	2,360

See note at end of table.

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Table 15--Corn Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
China										
1994	21,152	4.69	99,280	4,287	1,413	99,654	25,654	21.4	74,000	27,500
1995	22,767	4.92	112,000	1,476	227	108,049	27,049	22.4	81,000	32,700
1996	24,498	5.20	127,470	75	3,892	115,353	27,460	22.5	88,600	41,000
1997	23,500	4.47	105,000	250	5,000	121,250	27,000	21.9	94,000	20,000
1994-97 ave.	22,979	4.83	110,938	1,522	2,633	111,077	26,791	22.0	84,400	30,300
1999	23,562	5.47	128,781	2,927	1,176	128,594	27,083	21.6	101,510	35,197
2000	25,132	5.41	135,853	4,346	1,209	137,429	26,702	21.1	110,727	36,758
2001	24,852	5.63	139,890	5,083	1,198	143,061	26,509	20.8	116,553	37,472
2002	24,945	5.84	145,742	6,046	1,187	149,424	26,256	20.5	123,168	38,649
2003	24,512	6.07	148,904	7,252	1,156	154,556	25,889	20.1	128,667	39,093
2004	25,300	6.17	156,055	8,625	1,135	162,077	25,411	19.6	136,666	40,561
2005	25,382	6.34	161,016	10,222	1,110	169,257	25,054	19.2	144,203	41,432
2006	25,339	6.56	166,269	11,944	1,098	176,191	24,707	18.8	151,485	42,356
2007	25,189	6.76	170,225	14,201	1,068	182,784	24,294	18.4	158,489	42,930
Czech Republic										
1994	35	3.51	123	25	13	130	40	3.9	90	20
1995	26	4.35	113	2	0	122	70	6.8	80	13
1996	33	5.12	169	25	0	189	70	6.8	119	18
1997	35	5.80	203	35	0	203	70	6.8	135	18
1994-97 ave.	32	4.71	152	22	3	161	63	6.1	106	17
1999	35	4.40	153	37	0	190	71	6.8	120	12
2000	34	4.43	151	48	0	199	71	6.8	128	12
2001	34	4.47	151	53	0	204	71	6.8	133	12
2002	34	4.51	152	62	0	214	71	6.8	142	12
2003	34	4.53	153	63	0	216	72	6.9	144	12
2004	34	4.57	155	74	0	229	72	6.9	157	12
2005	34	4.60	155	73	0	228	72	6.9	156	12
2006	34	4.60	155	72	0	227	72	6.9	155	12
2007	34	4.63	157	71	0	228	72	6.9	156	12
Egypt										
1994	886	6.38	5,650	2,589	0	7,939	1,714	27.5	6,225	500
1995	902	5.93	5,353	2,225	0	7,790	1,800	28.3	5,990	288
1996	876	6.65	5,825	3,082	0	8,907	1,800	27.8	7,107	288
1997	925	6.16	5,700	3,200	0	8,900	1,700	25.8	7,000	288
1994-97 ave.	897	6.28	5,632	2,774	0	8,384	1,754	27.3	6,581	341
1999	968	6.28	6,081	3,294	0	9,363	1,917	28.0	7,446	223
2000	976	6.34	6,188	3,543	0	9,722	1,979	28.4	7,742	232
2001	981	6.61	6,482	3,662	0	10,135	2,028	28.6	8,105	241
2002	989	6.75	6,678	3,775	0	10,445	2,077	28.8	8,367	249
2003	994	6.85	6,806	3,927	0	10,727	2,129	29.0	8,595	255
2004	999	6.99	6,979	4,033	0	11,005	2,178	29.2	8,826	262
2005	1,007	7.06	7,106	4,188	0	11,287	2,227	29.4	9,058	269
2006	1,017	7.17	7,294	4,335	0	11,621	2,283	29.6	9,335	277
2007	1,023	7.32	7,486	4,495	0	11,973	2,345	30.0	9,624	285
EU-15										
1994	3,784	7.52	28,464	3,400	250	31,904	3,852	10.3	23,982	2,934
1995	3,732	7.83	29,224	2,700	250	32,277	3,564	9.5	24,543	2,331
1996	4,095	8.50	34,803	2,600	200	35,873	3,608	9.6	27,227	3,661
1997	4,350	8.71	37,885	2,200	400	38,220	3,631	9.6	29,630	5,126
1994-97 ave.	3,990	8.17	32,594	2,725	275	34,569	3,664	9.8	26,346	3,513
1999	4,181	8.65	36,184	2,000	250	37,849	3,702	9.8	28,429	4,163
2000	4,063	8.81	35,785	2,000	250	37,566	3,713	9.8	28,116	4,132
2001	4,065	8.92	36,257	2,000	250	37,963	3,731	9.8	28,432	4,176
2002	4,065	9.00	36,583	2,000	250	38,296	3,753	9.8	28,687	4,213
2003	4,064	9.08	36,905	2,000	250	38,620	3,774	9.8	28,933	4,248
2004	4,061	9.16	37,201	2,000	250	38,918	3,795	9.9	29,155	4,281
2005	4,069	9.27	37,730	2,000	250	39,424	3,809	9.9	29,579	4,337
2006	4,061	9.33	37,899	2,000	250	39,627	3,831	9.9	29,709	4,359
2007	4,037	9.42	38,027	2,000	250	39,762	3,848	10.0	29,768	4,374

See note at end of table.

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Table 15--Corn Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
Former Soviet Union										
1994	1,864	2.17	4,037	609	41	6,366	1,801	6.2	4,565	1,106
1995	2,465	2.84	7,010	440	255	6,582	2,003	6.8	4,579	1,719
1996	2,107	2.26	4,764	635	250	5,941	2,142	7.3	3,798	927
1997	3,178	3.24	10,305	615	650	9,020	2,265	7.7	6,895	2,177
1994-97 ave.	2,404	2.72	6,529	575	299	6,977	2,053	7.0	4,959	1,482
1999	2,770	2.68	7,419	648	741	7,289	2,289	7.8	5,001	1,490
2000	2,719	2.72	7,394	844	656	7,540	2,280	7.7	5,261	1,533
2001	2,713	2.76	7,475	1,032	742	7,735	2,303	7.7	5,434	1,562
2002	2,710	2.79	7,570	1,224	744	8,007	2,329	7.8	5,678	1,605
2003	2,717	2.83	7,695	1,326	811	8,185	2,361	7.9	5,824	1,630
2004	2,716	2.87	7,805	1,530	812	8,478	2,393	8.0	6,085	1,675
2005	2,710	2.91	7,899	1,602	902	8,589	2,420	8.0	6,168	1,685
2006	2,702	2.96	7,987	1,697	970	8,704	2,448	8.1	6,256	1,695
2007	2,704	3.00	8,115	1,790	1,043	8,846	2,484	8.2	6,364	1,711
Hungary										
1994	1,200	3.58	4,300	10	370	4,000	200	19.9	3,800	200
1995	1,040	4.42	4,600	10	500	4,100	200	20.0	3,900	210
1996	1,053	5.60	5,900	10	100	5,350	200	20.1	5,150	670
1997	1,000	6.20	6,200	10	1,200	5,000	200	20.2	4,800	680
1994-97 ave.	1,073	4.89	5,250	10	543	4,613	200	20.1	4,413	440
1999	991	5.57	5,519	0	205	5,314	205	20.9	5,109	391
2000	983	5.63	5,531	26	0	5,557	205	21.0	5,352	391
2001	979	5.69	5,571	4	0	5,575	206	21.1	5,369	391
2002	976	5.75	5,613	112	0	5,725	207	21.3	5,518	391
2003	978	5.82	5,689	67	0	5,756	207	21.4	5,549	391
2004	978	5.89	5,758	113	0	5,871	207	21.5	5,664	391
2005	977	5.94	5,807	0	54	5,753	208	21.7	5,545	391
2006	975	5.99	5,842	0	241	5,601	210	21.9	5,392	391
2007	977	6.05	5,915	0	497	5,418	211	22.1	5,207	391
Indonesia										
1994	3,652	1.67	6,100	1,738	56	7,047	3,000	14.7	4,047	1,100
1995	3,531	1.70	6,000	774	30	7,244	3,000	14.5	4,244	600
1996	3,550	1.83	6,500	944	0	7,344	2,900	13.8	4,450	700
1997	3,500	1.86	6,500	600	0	7,200	2,900	13.6	4,300	600
1994-97 ave.	3,558	1.76	6,275	1,014	22	7,209	2,950	14.2	4,260	750
1999	3,563	1.87	6,657	1,246	0	7,886	2,834	12.9	5,052	542
2000	3,596	1.86	6,700	1,598	0	8,271	2,782	12.5	5,489	569
2001	3,629	1.86	6,746	1,865	0	8,589	2,737	12.1	5,853	591
2002	3,664	1.86	6,800	1,961	0	8,750	2,683	11.7	6,067	602
2003	3,692	1.85	6,843	2,067	0	8,900	2,628	11.3	6,273	612
2004	3,720	1.85	6,888	2,160	0	9,039	2,566	10.9	6,473	621
2005	3,749	1.85	6,938	2,254	0	9,182	2,498	10.5	6,684	631
2006	3,779	1.85	6,993	2,348	0	9,331	2,424	10.1	6,907	641
2007	3,811	1.85	7,052	2,451	0	9,491	2,348	9.6	7,144	653
Iran										
1994	50	1.40	70	1,092	0	970	120	1.9	850	192
1995	50	1.40	70	1,281	0	1,331	125	1.9	1,206	212
1996	50	1.40	70	1,550	0	1,575	125	1.9	1,450	257
1997	75	1.33	100	1,500	0	1,625	125	1.8	1,500	232
1994-97 ave.	56	1.38	78	1,356	0	1,375	124	1.9	1,252	223
1999	60	1.58	94	1,345	0	1,446	112	1.6	1,335	161
2000	61	1.60	98	1,351	0	1,462	116	1.6	1,345	149
2001	63	1.62	102	1,357	0	1,469	120	1.6	1,349	140
2002	65	1.63	106	1,364	0	1,477	124	1.6	1,354	133
2003	67	1.65	111	1,372	0	1,489	128	1.6	1,361	127
2004	69	1.66	115	1,380	0	1,499	132	1.6	1,366	123
2005	71	1.68	120	1,389	0	1,508	137	1.7	1,371	124
2006	73	1.70	125	1,396	0	1,520	141	1.7	1,378	125
2007	76	1.72	130	1,401	0	1,531	146	1.7	1,386	124

See note at end of table.

Continued---

Table 15--Corn Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Feed	Ending stocks	
						Total	Food	Food/cap			
	1,000 ha	Tons/ha		---	1,000 tons	---		Kgs.	---	1,000 tons	---
Iraq											
1994	140	2.14	300	0	0	300	120	6.0	180	0	
1995	140	2.14	300	0	0	300	120	5.8	180	0	
1996	140	1.79	250	0	0	250	120	5.7	130	0	
1997	140	1.79	250	200	0	250	120	5.5	130	0	
1994-97 ave.	140	1.96	275	50	0	275	120	5.7	155	0	
1999	145	2.22	321	247	0	553	108	4.7	445	41	
2000	146	2.23	326	284	0	593	111	4.7	481	58	
2001	147	2.24	329	291	0	608	124	5.1	484	69	
2002	147	2.25	332	307	0	626	129	5.1	496	83	
2003	148	2.26	335	336	0	653	135	5.2	517	100	
2004	149	2.27	339	366	0	682	141	5.3	539	123	
2005	150	2.29	342	391	0	714	147	5.4	564	142	
2006	150	2.30	345	397	0	746	152	5.4	593	138	
2007	151	2.31	348	444	0	782	159	5.5	621	148	
Japan											
1994	1	2.00	2	16,481	0	16,450	3,750	30.0	12,700	1,189	
1995	1	2.00	2	15,976	0	16,076	3,750	29.9	12,326	1,091	
1996	1	1.00	1	15,950	0	16,050	3,800	30.2	12,250	992	
1997	1	1.00	1	15,900	0	15,900	3,800	30.2	12,100	993	
1994-97 ave.	1	1.50	2	16,077	0	16,119	3,775	30.1	12,344	1,066	
1999	1	1.00	1	15,901	0	15,896	4,264	33.7	11,633	968	
2000	1	1.00	1	15,916	0	15,916	4,312	34.0	11,604	969	
2001	1	1.00	1	15,933	0	15,933	4,425	34.8	11,508	970	
2002	1	1.00	1	15,817	0	15,824	4,435	34.8	11,390	964	
2003	1	1.00	1	15,711	0	15,719	4,443	34.8	11,275	957	
2004	1	1.00	1	15,606	0	15,613	4,440	34.8	11,173	951	
2005	1	1.00	1	15,470	0	15,479	4,412	34.5	11,067	943	
2006	1	1.00	1	15,334	0	15,344	4,404	34.5	10,940	934	
2007	1	1.00	1	15,188	0	15,197	4,357	34.1	10,841	926	
Malaysia											
1994	20	2.00	40	2,415	0	2,315	75	3.8	2,240	300	
1995	23	1.87	43	2,343	0	2,436	80	4.0	2,356	250	
1996	25	1.80	45	2,400	0	2,500	90	4.4	2,425	195	
1997	25	1.80	45	2,200	0	2,300	100	4.8	2,225	140	
1994-97 ave.	23	1.86	43	2,340	0	2,388	86	4.3	2,312	221	
1999	26	1.82	48	2,698	0	2,734	104	4.8	2,630	189	
2000	27	1.83	49	2,806	0	2,847	106	4.8	2,741	197	
2001	28	1.84	51	3,040	0	3,075	108	4.8	2,967	213	
2002	28	1.85	52	3,140	0	3,185	110	4.8	3,075	220	
2003	29	1.85	54	3,248	0	3,294	113	4.8	3,182	228	
2004	30	1.86	55	3,364	0	3,411	115	4.9	3,296	236	
2005	30	1.87	57	3,484	0	3,533	117	4.9	3,416	244	
2006	31	1.88	59	3,607	0	3,657	120	4.9	3,538	253	
2007	32	1.89	61	3,735	0	3,787	122	4.9	3,664	262	
Mexico											
1994	8,022	2.12	17,005	3,166	71	20,250	14,450	153.7	5,800	1,650	
1995	7,800	2.28	17,780	6,379	50	23,159	15,059	157.2	8,100	2,600	
1996	8,200	2.38	19,500	3,141	50	23,441	15,300	156.8	8,200	1,750	
1997	8,500	2.18	18,500	3,700	500	22,600	15,300	154.0	7,600	850	
1994-97 ave.	8,131	2.24	18,196	4,097	168	22,363	15,027	155.5	7,425	1,713	
1999	8,432	2.39	20,141	5,032	0	25,148	15,678	152.3	9,469	1,310	
2000	8,420	2.44	20,527	5,191	0	25,690	15,895	151.8	9,795	1,338	
2001	8,411	2.48	20,900	5,370	0	26,241	16,111	151.4	10,129	1,367	
2002	8,404	2.53	21,245	5,595	0	26,811	16,347	151.1	10,463	1,396	
2003	8,401	2.57	21,609	5,793	0	27,372	16,574	150.8	10,797	1,426	
2004	8,401	2.62	21,996	5,971	0	27,938	16,802	150.5	11,134	1,455	
2005	8,401	2.67	22,406	6,113	0	28,490	17,017	150.1	11,471	1,484	
2006	8,403	2.71	22,788	6,289	0	29,048	17,227	149.7	11,819	1,513	
2007	8,409	2.76	23,193	6,446	0	29,610	17,435	149.3	12,172	1,542	

See note at end of table.

Continued---

Table 15--Corn Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Feed	Ending stocks	
						Total	Food	Food/cap			
	1,000 ha	Tons/ha		---	1,000 tons	---		Kgs.	---	1,000 tons	---
Morocco											
1994	324	0.63	203	543	0	746	106	3.6	640	25	
1995	390	0.13	50	372	0	412	215	7.2	200	35	
1996	245	0.86	210	650	0	850	210	6.9	640	45	
1997	300	0.67	200	600	0	800	210	6.8	590	45	
1994-97 ave.	315	0.53	166	541	0	702	185	6.1	518	38	
1999	309	0.52	160	544	0	702	229	7.1	473	39	
2000	311	0.52	161	551	0	711	235	7.2	476	40	
2001	312	0.52	162	567	0	728	242	7.2	486	41	
2002	314	0.52	163	573	0	736	248	7.3	487	41	
2003	315	0.52	165	578	0	742	255	7.3	487	41	
2004	317	0.52	166	583	0	749	262	7.4	486	42	
2005	318	0.53	167	587	0	754	269	7.5	485	42	
2006	320	0.53	169	591	0	759	276	7.5	483	42	
2007	321	0.53	170	600	0	769	283	7.6	486	43	
Pakistan											
1994	886	1.49	1,318	0	0	1,318	843	6.2	475	0	
1995	850	1.50	1,275	0	0	1,275	845	6.0	430	0	
1996	875	1.49	1,300	0	0	1,300	850	5.9	450	0	
1997	890	1.46	1,300	0	0	1,300	850	5.8	450	0	
1994-97 ave.	875	1.48	1,298	0	0	1,298	847	6.0	451	0	
1999	928	1.49	1,386	31	0	1,417	863	5.5	554	0	
2000	951	1.51	1,435	61	0	1,496	896	5.6	600	0	
2001	977	1.53	1,490	93	0	1,583	936	5.7	648	0	
2002	1,004	1.54	1,549	98	0	1,647	950	5.6	697	0	
2003	1,020	1.56	1,591	108	0	1,699	951	5.5	749	0	
2004	1,029	1.58	1,623	127	0	1,750	948	5.3	802	0	
2005	1,037	1.59	1,653	150	0	1,803	945	5.2	858	0	
2006	1,044	1.61	1,683	175	0	1,858	942	5.0	917	0	
2007	1,052	1.63	1,714	202	0	1,916	938	4.9	978	0	
Philippines											
1994	2,967	1.53	4,534	136	0	4,700	1,800	24.7	2,900	145	
1995	2,760	1.57	4,324	516	0	4,850	1,800	24.2	3,050	135	
1996	2,730	1.56	4,250	445	0	4,745	1,800	23.7	2,945	85	
1997	2,700	1.56	4,200	250	0	4,450	1,800	23.2	2,650	85	
1994-97 ave.	2,789	1.55	4,327	337	0	4,686	1,800	23.9	2,886	113	
1999	2,721	1.64	4,451	752	0	5,199	1,762	21.8	3,438	110	
2000	2,729	1.66	4,531	789	0	5,318	1,764	21.4	3,553	112	
2001	2,734	1.69	4,627	841	0	5,465	1,763	20.9	3,702	115	
2002	2,743	1.72	4,711	958	0	5,665	1,758	20.5	3,907	119	
2003	2,748	1.75	4,810	1,078	0	5,884	1,744	19.9	4,140	123	
2004	2,757	1.79	4,929	1,210	0	6,134	1,729	19.4	4,406	128	
2005	2,768	1.82	5,049	1,300	0	6,345	1,716	18.9	4,629	132	
2006	2,778	1.85	5,152	1,367	0	6,516	1,703	18.5	4,812	136	
2007	2,784	1.89	5,258	1,434	0	6,689	1,687	18.0	5,002	139	
Poland											
1994	58	3.26	189	250	0	480	95	2.5	380	120	
1995	48	5.00	240	282	0	493	90	2.3	403	149	
1996	69	5.07	350	200	0	600	90	2.3	510	99	
1997	65	5.51	358	300	0	645	90	2.3	555	112	
1994-97 ave.	60	4.74	284	258	0	555	91	2.4	462	120	
1999	50	4.69	233	302	0	535	91	2.3	443	94	
2000	48	4.70	226	316	0	542	92	2.3	449	94	
2001	47	4.71	224	321	0	545	93	2.4	452	94	
2002	47	4.73	223	332	0	555	93	2.4	462	94	
2003	47	4.75	225	340	0	565	94	2.4	471	94	
2004	48	4.77	227	352	0	579	95	2.4	485	94	
2005	48	4.78	227	357	0	584	95	2.4	489	94	
2006	47	4.78	227	357	0	584	96	2.4	488	94	
2007	48	4.80	229	362	0	591	97	2.4	494	94	

See note at end of table.

Continued---

Table 15--Corn Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		Feed
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
Russia										
1994	524	1.72	900	218	0	2,154	850	5.7	1,304	155
1995	643	2.64	1,700	100	0	1,800	835	5.6	965	155
1996	700	1.57	1,100	200	0	1,300	935	6.3	365	155
1997	800	3.38	2,700	200	0	2,700	1,000	6.8	1,760	355
1994-97 ave.	667	2.40	1,600	180	0	1,989	905	6.1	1,099	205
1999	816	2.19	1,785	241	0	2,020	973	6.6	1,047	222
2000	785	2.21	1,736	335	0	2,066	959	6.5	1,108	227
2001	779	2.24	1,745	378	0	2,117	965	6.5	1,153	233
2002	777	2.27	1,763	446	0	2,200	975	6.6	1,225	242
2003	779	2.30	1,790	479	0	2,262	986	6.6	1,276	249
2004	776	2.33	1,809	555	0	2,354	996	6.7	1,359	259
2005	771	2.36	1,823	579	0	2,397	1,004	6.7	1,393	264
2006	767	2.40	1,838	613	0	2,446	1,015	6.8	1,431	269
2007	767	2.43	1,866	647	0	2,506	1,028	6.9	1,479	276
Saudi Arabia										
1994	3	1.33	4	932	0	936	4	0.2	933	10
1995	3	1.33	4	923	0	927	4	0.2	924	10
1996	3	1.33	4	1,273	0	1,277	4	0.2	1,273	10
1997	3	1.33	4	1,300	0	1,304	4	0.2	1,300	10
1994-97 ave.	3	1.33	4	1,107	0	1,111	4	0.2	1,108	10
1999	3	1.33	4	1,433	0	1,404	4	0.2	1,400	72
2000	3	1.33	4	1,483	0	1,483	4	0.2	1,480	76
2001	3	1.33	4	1,543	0	1,548	4	0.2	1,545	74
2002	3	1.33	4	1,611	0	1,619	4	0.2	1,616	71
2003	3	1.33	4	1,689	0	1,696	5	0.2	1,693	67
2004	3	1.33	4	1,780	0	1,771	5	0.2	1,768	80
2005	3	1.33	4	1,869	0	1,850	5	0.2	1,846	103
2006	3	1.33	4	1,967	0	1,919	5	0.2	1,936	155
2007	3	1.33	4	2,057	0	2,039	5	0.2	2,036	178
Slovakia										
1994	127	4.10	521	0	14	584	75	14.0	510	100
1995	122	4.89	597	1	25	576	75	14.0	501	97
1996	130	5.77	750	1	25	700	100	18.5	600	123
1997	140	5.36	750	0	25	725	100	18.5	625	123
1994-97 ave.	130	5.04	655	1	22	646	88	16.2	559	111
1999	139	5.35	743	0	34	709	102	18.6	607	121
2000	136	5.38	731	0	2	729	103	18.7	626	121
2001	135	5.40	729	5	0	734	104	18.7	630	121
2002	135	5.42	729	29	0	758	105	18.8	653	121
2003	135	5.45	735	33	0	768	105	18.8	662	121
2004	135	5.48	739	59	0	798	106	18.9	692	121
2005	134	5.50	739	52	0	791	107	18.9	683	121
2006	134	5.50	738	42	0	780	108	19.0	672	121
2007	135	5.53	745	37	0	782	109	19.1	673	121
South Africa										
1994	2,952	1.64	4,845	600	125	6,820	3,720	89.7	3,100	900
1995	3,300	3.09	10,200	180	2,000	8,080	4,000	94.4	4,000	1,200
1996	3,360	2.68	9,012	100	1,400	8,062	4,000	92.3	4,050	850
1997	2,900	2.59	7,500	750	400	7,900	4,000	90.3	3,900	800
1994-97 ave.	3,128	2.52	7,889	408	981	7,716	3,930	91.7	3,763	938
1999	3,285	2.87	9,420	252	375	9,200	4,601	99.5	4,599	1,033
2000	3,326	2.88	9,587	209	338	9,432	4,711	99.7	4,719	1,059
2001	3,368	2.90	9,757	193	338	9,593	4,822	99.9	4,776	1,078
2002	3,408	2.91	9,922	204	338	9,766	4,941	100.2	4,851	1,100
2003	3,454	2.93	10,106	227	338	9,973	5,049	100.3	4,939	1,122
2004	3,500	2.94	10,291	259	338	10,192	5,160	100.5	5,003	1,142
2005	3,541	2.96	10,464	276	338	10,381	5,285	100.8	5,072	1,163
2006	3,598	2.98	10,712	215	338	10,562	5,420	101.4	5,169	1,190
2007	3,663	3.00	10,986	163	338	10,784	5,543	101.7	5,294	1,217

See note at end of table.

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Table 15--Corn Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
Sub-Saharan Africa										
1994	19,061	1.28	24,491	2,009	316	26,489	25,435	46.9	1,010	1,245
1995	19,845	1.44	28,576	727	725	28,303	27,326	49.0	1,164	1,520
1996	20,248	1.29	26,058	1,994	208	28,144	26,798	46.8	1,145	1,220
1997	20,103	1.22	24,458	2,025	50	26,843	26,533	45.0	1,055	810
1994-97 ave.	19,814	1.31	25,896	1,689	325	27,445	26,523	46.9	1,094	1,199
1999	20,236	1.46	29,451	1,069	526	29,885	28,789	46.2	1,096	1,564
2000	20,327	1.47	29,879	1,043	526	30,372	29,254	45.7	1,095	1,588
2001	20,636	1.48	30,636	1,039	526	31,111	29,986	45.6	1,095	1,626
2002	20,941	1.50	31,399	1,028	526	31,861	30,741	45.5	1,096	1,666
2003	21,285	1.52	32,266	1,025	526	32,719	31,630	45.5	1,097	1,712
2004	21,612	1.53	33,089	973	526	33,500	32,319	45.3	1,097	1,748
2005	21,925	1.55	33,905	882	526	34,220	33,096	45.1	1,098	1,789
2006	22,262	1.56	34,770	838	526	35,037	33,958	45.1	1,100	1,834
2007	22,611	1.58	35,669	802	526	35,902	34,777	45.0	1,101	1,877
South Korea										
1994	22	4.05	89	8,223	0	8,010	0	0.0	6,260	865
1995	18	3.89	70	8,963	0	9,146	0	0.0	7,446	752
1996	18	4.00	72	8,336	0	8,438	0	0.0	6,638	722
1997	18	4.00	72	7,500	0	7,525	0	0.0	5,825	769
1994-97 ave.	19	3.99	76	8,256	0	8,280	0	0.0	6,542	777
1999	18	4.30	76	9,929	0	9,958	0	0.0	8,192	861
2000	17	4.34	76	10,418	0	10,452	0	0.0	8,661	903
2001	17	4.39	76	10,659	0	10,712	0	0.0	8,900	926
2002	17	4.43	76	10,907	0	10,961	0	0.0	9,124	948
2003	17	4.48	76	11,115	0	11,173	0	0.0	9,317	966
2004	17	4.52	76	11,344	0	11,400	0	0.0	9,524	986
2005	17	4.57	76	11,533	0	11,593	0	0.0	9,696	1,002
2006	16	4.62	76	11,684	0	11,747	0	0.0	9,827	1,015
2007	16	4.66	76	11,844	0	11,906	0	0.0	9,970	1,029
Taiwan										
1994	57	4.63	264	6,287	0	6,003	0	0.0	5,700	1,698
1995	56	4.88	273	5,733	0	6,050	0	0.0	5,750	1,654
1996	50	4.00	200	5,744	0	5,969	0	0.0	5,669	1,629
1997	50	4.00	200	5,000	0	5,350	0	0.0	5,050	1,479
1994-97 ave.	53	4.40	234	5,691	0	5,843	0	0.0	5,542	1,615
1999	46	4.21	194	4,843	0	4,958	0	0.0	4,598	1,066
2000	44	4.21	184	5,003	0	5,343	0	0.0	4,979	910
2001	42	4.20	174	5,293	0	5,480	0	0.0	5,112	897
2002	39	4.22	166	5,575	0	5,672	0	0.0	5,306	966
2003	37	4.20	157	5,726	0	5,817	0	0.0	5,450	1,032
2004	36	4.07	145	5,885	0	6,034	0	0.0	5,585	1,028
2005	34	4.22	143	6,021	0	6,073	0	0.0	5,700	1,119
2006	32	4.21	135	6,187	0	6,219	0	0.0	5,843	1,222
2007	31	4.21	129	6,332	0	6,345	0	0.0	5,968	1,338
Thailand										
1994	1,200	3.17	3,800	220	160	3,700	50	0.9	3,650	384
1995	1,140	3.25	3,700	260	97	3,950	50	0.8	3,900	297
1996	1,200	3.25	3,900	300	50	4,150	250	4.2	4,000	297
1997	1,030	3.20	3,300	500	75	3,850	250	4.2	3,700	172
1994-97 ave.	1,143	3.22	3,675	320	96	3,913	150	2.5	3,813	288
1999	1,148	3.36	3,852	148	0	4,010	255	4.2	3,754	189
2000	1,135	3.37	3,824	46	0	3,880	258	4.2	3,622	180
2001	1,134	3.39	3,845	27	0	3,876	260	4.2	3,615	176
2002	1,137	3.41	3,882	13	0	3,898	263	4.2	3,635	173
2003	1,135	3.43	3,897	78	0	3,975	265	4.2	3,709	173
2004	1,145	3.46	3,963	104	0	4,067	268	4.2	3,798	174
2005	1,152	3.49	4,020	189	0	4,207	271	4.2	3,936	176
2006	1,150	3.51	4,031	191	0	4,225	273	4.2	3,952	173
2007	1,139	3.51	4,001	179	0	4,185	276	4.2	3,909	168

See note at end of table.

Continued---

Table 15--Corn Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
Tunisia										
1994	1	1.00	1	224	0	230	0	0.0	230	5
1995	1	1.00	1	215	0	216	0	0.0	216	5
1996	1	1.00	1	376	0	377	0	0.0	377	5
1997	1	1.00	1	300	0	301	0	0.0	301	5
1994-97 ave.	1	1.00	1	279	0	281	0	0.0	281	5
1999	1	1.02	1	323	0	325	1	0.1	325	5
2000	1	1.02	1	330	0	331	1	0.1	331	5
2001	1	1.03	1	337	0	338	1	0.1	337	5
2002	1	1.03	1	343	0	344	1	0.1	344	5
2003	1	1.03	1	350	0	351	1	0.1	351	5
2004	1	1.04	1	356	0	357	1	0.1	358	5
2005	1	1.04	1	363	0	364	1	0.1	365	6
2006	1	1.04	1	370	0	371	1	0.1	372	6
2007	1	1.05	1	378	0	379	1	0.1	379	6
Turkey										
1994	480	3.54	1,700	462	3	2,200	550	9.0	1,650	161
1995	515	3.50	1,800	739	5	2,525	600	9.7	1,925	170
1996	600	3.50	2,100	850	5	2,850	600	9.6	2,250	265
1997	700	3.57	2,500	600	5	3,100	600	9.4	2,500	260
1994-97 ave.	574	3.53	2,025	663	5	2,669	588	9.4	2,081	214
1999	653	3.92	2,562	841	4	3,453	630	9.6	2,824	279
2000	660	3.98	2,624	868	4	3,576	642	9.6	2,934	191
2001	666	4.03	2,687	932	4	3,662	654	9.7	3,007	144
2002	666	4.05	2,698	1,123	4	3,805	673	9.8	3,132	156
2003	669	4.07	2,726	1,190	4	3,883	691	9.9	3,191	184
2004	672	4.09	2,753	1,244	4	3,918	710	10.1	3,208	259
2005	675	4.12	2,779	1,260	4	3,909	729	10.2	3,179	385
2006	678	4.14	2,803	1,307	4	3,975	750	10.4	3,224	515
2007	681	4.16	2,830	1,360	4	4,068	769	10.5	3,297	634
Ukraine										
1994	651	2.36	1,537	25	0	2,176	637	12.5	1,539	262
1995	1,161	2.92	3,392	0	50	2,779	829	16.3	1,950	825
1996	671	2.74	1,840	0	0	2,500	850	16.8	1,650	165
1997	1,650	3.21	5,300	0	400	4,125	900	17.8	3,300	940
1994-97 ave.	1,033	2.92	3,017	6	113	2,895	804	15.8	2,110	548
1999	1,204	2.97	3,579	50	541	3,078	950	18.9	2,128	654
2000	1,197	3.02	3,614	50	456	3,195	957	19.0	2,238	668
2001	1,197	3.06	3,664	100	492	3,268	970	19.3	2,299	671
2002	1,196	3.11	3,715	150	494	3,363	981	19.5	2,382	679
2003	1,197	3.15	3,774	200	561	3,414	996	19.8	2,418	678
2004	1,198	3.20	3,830	250	562	3,511	1,011	20.1	2,499	685
2005	1,198	3.24	3,882	250	602	3,537	1,025	20.4	2,511	678
2006	1,196	3.29	3,929	300	670	3,565	1,038	20.7	2,527	672
2007	1,197	3.33	3,987	350	743	3,599	1,053	21.0	2,546	667
Other Central & Eastern Europe										
1994	5,648	3.11	17,583	78	347	16,993	2,890	51.5	14,100	1,389
1995	5,612	3.43	19,223	56	1,750	17,556	3,125	56.0	14,425	1,362
1996	5,750	3.18	18,290	125	1,272	17,460	3,125	56.1	14,335	1,045
1997	5,613	4.21	23,620	25	1,700	20,045	3,055	54.9	16,905	2,945
1994-97 ave.	5,656	3.48	19,679	71	1,267	18,014	3,049	54.6	14,941	1,685
1999	6,103	3.32	20,252	98	2,181	18,143	3,166	56.8	14,977	1,581
2000	6,070	3.38	20,487	97	2,117	18,441	3,270	58.5	15,171	1,607
2001	5,974	3.43	20,482	97	2,028	18,542	3,325	59.3	15,216	1,616
2002	5,930	3.49	20,695	97	2,029	18,746	3,373	60.1	15,372	1,633
2003	5,912	3.56	21,073	97	2,043	19,096	3,406	60.5	15,690	1,664
2004	5,924	3.64	21,583	96	2,034	19,601	3,450	61.2	16,150	1,708
2005	5,932	3.71	22,021	96	2,122	19,963	3,493	61.8	16,470	1,740
2006	5,930	3.77	22,357	96	2,473	19,979	3,530	62.4	16,449	1,741
2007	5,931	3.84	22,775	96	2,876	19,994	3,556	62.8	16,438	1,742

See note at end of table.

Continued---

Table 15--Corn Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Feed	Ending stocks	
						Total	Food	Food/cap			
	1,000 ha	Tons/ha		---	1,000 tons	---		Kgs.	---	1,000 tons	---
Other Former Soviet Union											
	1994	689	2.32	1,600	366	41	2,036	314	3.4	1,722	689
	1995	661	2.90	1,918	340	205	2,003	339	3.6	1,664	739
	1996	736	2.48	1,824	435	250	2,141	357	3.8	1,783	607
	1997	728	3.17	2,305	415	250	2,195	365	3.8	1,835	882
	1994-97 ave.	704	2.72	1,912	389	187	2,094	344	3.7	1,751	729
	1999	750	2.74	2,055	357	200	2,191	366	3.8	1,826	614
	2000	737	2.77	2,044	459	200	2,279	364	3.7	1,915	638
	2001	737	2.81	2,066	554	250	2,350	368	3.7	1,982	658
	2002	737	2.84	2,092	628	250	2,444	373	3.7	2,071	684
	2003	741	2.88	2,131	647	250	2,509	379	3.8	2,130	703
	2004	742	2.92	2,166	725	250	2,613	386	3.8	2,227	731
	2005	741	2.96	2,194	773	300	2,655	391	3.8	2,264	743
	2006	739	3.01	2,220	784	300	2,693	395	3.8	2,298	754
	2007	740	3.06	2,262	793	300	2,741	403	3.8	2,339	768
Other N. Africa & Middle East											
	1994	109	2.50	273	2,109	0	2,319	462	8.4	1,852	163
	1995	112	2.44	273	1,939	0	2,305	454	8.0	1,856	70
	1996	118	2.36	278	2,492	0	2,695	616	10.5	2,209	145
	1997	118	2.36	278	2,150	0	2,498	468	7.7	1,987	75
	1994-97 ave.	114	2.41	276	2,173	0	2,454	500	8.6	1,976	113
	1999	124	2.48	307	2,282	0	2,585	475	7.3	2,111	75
	2000	126	2.52	317	2,400	0	2,713	485	7.3	2,228	79
	2001	128	2.57	328	2,501	0	2,825	487	7.1	2,339	82
	2002	130	2.61	339	2,614	0	2,950	489	6.9	2,461	86
	2003	132	2.66	352	2,714	0	3,062	488	6.7	2,574	89
	2004	135	2.71	364	2,830	0	3,191	490	6.5	2,700	93
	2005	137	2.75	377	2,933	0	3,307	491	6.4	2,816	96
	2006	139	2.80	390	3,049	0	3,435	491	6.2	2,944	100
	2007	142	2.85	403	3,161	0	3,560	490	6.0	3,070	104
Other South America											
	1994	2,657	2.20	5,847	4,079	377	9,345	3,692	29.8	5,640	1,076
	1995	2,470	2.22	5,492	3,939	170	9,636	3,790	30.0	5,993	701
	1996	2,511	2.26	5,678	4,368	153	9,858	4,285	33.4	5,868	736
	1997	2,500	2.23	5,580	4,705	150	10,210	3,790	29.1	6,520	661
	1994-97 ave.	2,535	2.23	5,649	4,273	213	9,762	3,889	30.6	6,005	794
	1999	2,586	2.32	5,992	5,086	150	10,916	3,889	28.9	7,026	683
	2000	2,598	2.36	6,128	5,175	150	11,139	3,974	29.1	7,166	697
	2001	2,610	2.40	6,264	5,231	151	11,331	4,024	29.0	7,309	710
	2002	2,629	2.44	6,406	5,291	151	11,534	4,055	28.8	7,480	722
	2003	2,648	2.48	6,562	5,404	151	11,798	4,155	29.1	7,644	739
	2004	2,671	2.52	6,731	5,506	150	12,070	4,280	29.6	7,789	756
	2005	2,694	2.56	6,892	5,557	151	12,285	4,352	29.7	7,933	769
	2006	2,717	2.59	7,031	5,582	151	12,451	4,368	29.4	8,084	780
	2007	2,740	2.62	7,191	5,616	152	12,643	4,417	29.4	8,226	792

Note: Food category includes other uses in some countries.

Table 16--Barley Supply and Use Projections

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		Feed
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
World										
1994	73,567	2.19	161,469	14,492	15,921	167,016	30,155	5.3	121,738	27,287
1995	68,697	2.08	142,747	11,819	12,153	149,437	29,544	5.1	106,601	19,874
1996	66,337	2.32	153,714	16,582	14,356	154,312	29,190	5.0	105,194	22,573
1997	66,171	2.35	155,493	15,632	17,572	151,971	28,799	4.8	106,873	25,064
1994-97 ave.	68,693	2.23	153,356	14,631	15,001	155,684	29,422	5.1	110,102	23,700
1999	65,956	2.35	155,152	16,783	16,783	155,460	29,404	4.8	108,786	20,871
2000	65,313	2.37	154,813	16,900	16,900	155,957	29,557	4.8	109,020	19,727
2001	65,212	2.39	156,002	17,067	17,067	156,758	29,771	4.7	109,521	18,971
2002	65,368	2.41	157,767	17,376	17,376	157,939	30,012	4.7	110,312	18,798
2003	65,694	2.44	160,215	17,985	17,985	160,165	30,272	4.7	111,828	18,848
2004	65,852	2.46	161,904	18,319	18,319	161,731	30,526	4.7	112,577	19,021
2005	66,022	2.49	164,266	19,209	19,209	164,081	30,792	4.7	114,049	19,206
2006	65,997	2.50	165,309	19,386	19,386	165,189	31,048	4.7	114,693	19,326
2007	66,183	2.53	167,373	19,997	19,997	167,210	31,337	4.6	115,969	19,490
United States										
1994	2,698	3.03	8,162	1,434	1,442	8,726	3,518	13.4	4,966	2,451
1995	2,541	3.08	7,829	887	1,359	7,640	3,486	13.1	3,898	2,168
1996	2,739	3.15	8,616	801	671	8,531	3,309	12.3	4,786	2,383
1997	2,600	3.14	8,153	762	1,742	7,228	3,309	12.2	3,484	2,328
1994-97 ave.	2,645	3.10	8,190	971	1,304	8,031	3,406	12.8	4,284	2,333
1999	2,672	3.26	8,709	1,197	1,524	8,186	3,288	12.0	4,463	2,155
2000	2,632	3.27	8,600	1,197	1,524	8,294	3,288	11.9	4,572	2,134
2001	2,591	3.32	8,600	1,197	1,524	8,404	3,288	11.8	4,681	2,003
2002	2,632	3.35	8,818	1,197	1,524	8,534	3,309	11.7	4,790	1,960
2003	2,672	3.38	9,036	1,197	1,524	8,644	3,309	11.7	4,899	2,025
2004	2,672	3.38	9,036	1,197	1,524	8,644	3,309	11.6	4,899	2,090
2005	2,672	3.42	9,144	1,197	1,524	8,860	3,309	11.5	5,117	2,047
2006	2,713	3.45	9,362	1,197	1,524	8,970	3,309	11.4	5,225	2,112
2007	2,713	3.45	9,362	1,197	1,524	9,079	3,309	11.3	5,334	2,068
Algeria										
1994	360	0.67	240	296	0	536	186	6.5	350	0
1995	800	0.68	540	1	0	541	200	6.9	350	0
1996	1,000	1.30	1,300	125	0	1,425	400	13.4	1,000	0
1997	900	0.44	400	300	0	700	400	13.1	300	0
1994-97 ave.	765	0.81	620	181	0	801	297	10.0	500	0
1999	987	0.92	906	298	0	1,204	174	5.5	1,030	28
2000	991	0.92	913	295	0	1,208	178	5.5	1,029	28
2001	996	0.92	920	292	0	1,212	183	5.5	1,029	28
2002	999	0.93	925	292	0	1,217	188	5.6	1,030	28
2003	1,004	0.93	933	294	0	1,227	192	5.6	1,034	28
2004	1,010	0.93	941	295	0	1,236	197	5.6	1,038	28
2005	1,013	0.93	947	298	0	1,245	202	5.6	1,042	29
2006	1,015	0.94	951	297	0	1,248	207	5.7	1,040	29
2007	1,019	0.94	958	300	0	1,258	212	5.7	1,045	29
Australia										
1994	2,470	1.18	2,913	66	1,144	2,142	720	39.8	1,422	211
1995	3,111	1.87	5,823	20	3,375	2,325	900	49.3	1,425	354
1996	3,272	2.03	6,632	0	4,000	2,752	800	43.4	1,952	234
1997	3,250	1.74	5,650	0	2,700	2,800	800	43.0	2,000	384
1994-97 ave.	3,026	1.74	5,255	22	2,805	2,505	805	43.9	1,700	296
1999	2,910	1.73	5,023	0	2,421	2,636	808	42.6	1,828	300
2000	2,839	1.77	5,023	0	2,565	2,438	812	42.5	1,626	320
2001	2,850	1.81	5,155	0	2,708	2,452	816	42.3	1,635	315
2002	2,893	1.85	5,343	0	2,878	2,473	820	42.2	1,653	307
2003	2,915	1.89	5,500	0	3,010	2,492	824	42.1	1,667	305
2004	2,953	1.93	5,688	0	3,175	2,516	828	42.0	1,687	302
2005	2,986	1.97	5,872	0	3,184	2,717	833	41.9	1,885	273
2006	3,005	2.01	6,033	0	3,244	2,807	837	41.8	1,969	255
2007	3,009	2.05	6,169	0	3,521	2,635	841	41.7	1,794	268

See note at end of table.

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Table 16--Barley Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Feed	Ending stocks	
						Total	Food	Food/cap			
	1,000 ha	Tons/ha		---	1,000 tons	---		Kgs.	---	1,000 tons	---
Brazil											
1994	60	1.83	110	61	0	197	350	2.2	0	0	
1995	60	1.67	100	326	0	376	350	2.2	0	50	
1996	100	1.75	175	175	0	380	350	2.1	0	20	
1997	80	1.88	150	200	0	350	350	2.1	0	20	
1994-97 ave.	75	1.78	134	191	0	326	350	2.1	0	23	
1999	71	1.98	140	238	0	377	377	2.2	0	22	
2000	70	2.03	141	245	0	385	385	2.3	0	22	
2001	68	2.08	141	249	0	390	390	2.3	0	22	
2002	67	2.14	143	255	0	397	397	2.3	0	23	
2003	66	2.19	145	263	0	407	407	2.3	0	23	
2004	66	2.25	148	270	0	417	417	2.4	0	24	
2005	65	2.31	151	281	0	431	431	2.4	0	25	
2006	65	2.37	154	287	0	440	440	2.4	0	25	
2007	65	2.42	157	298	0	454	454	2.5	0	26	
Canada											
1994	4,092	2.86	11,690	5	2,934	10,317	760	26.7	9,557	1,820	
1995	4,365	2.99	13,035	10	2,564	10,552	783	27.2	9,769	1,749	
1996	4,888	3.18	15,562	19	3,350	10,618	798	27.4	9,818	3,362	
1997	4,700	2.90	13,650	10	3,000	11,050	795	27.0	10,200	2,972	
1994-97 ave.	4,511	2.99	13,484	11	2,962	10,634	784	27.1	9,836	2,476	
1999	4,587	3.02	13,870	10	2,262	11,596	865	28.9	10,731	2,552	
2000	4,591	3.05	14,002	10	2,471	11,551	863	28.5	10,689	2,542	
2001	4,599	3.07	14,136	10	2,509	11,621	857	28.1	10,765	2,558	
2002	4,629	3.09	14,322	10	2,565	11,741	852	27.7	10,889	2,584	
2003	4,705	3.11	14,624	10	2,742	11,864	852	27.4	11,013	2,612	
2004	4,732	3.12	14,770	10	2,832	11,934	856	27.3	11,077	2,626	
2005	4,706	3.14	14,754	10	2,735	12,011	863	27.4	11,149	2,644	
2006	4,786	3.15	15,084	10	2,937	12,131	871	27.4	11,260	2,670	
2007	4,843	3.16	15,315	10	3,074	12,229	879	27.4	11,350	2,692	
Central & Eastern Europe											
1994	3,734	2.94	10,996	868	433	11,798	2,983	24.8	8,815	1,064	
1995	3,413	3.30	11,251	282	447	11,255	3,157	26.3	8,146	895	
1996	3,312	2.92	9,687	915	55	10,516	3,050	25.4	7,421	926	
1997	3,664	3.31	12,114	240	455	11,795	3,200	26.7	8,610	1,030	
1994-97 ave.	3,531	3.12	11,012	576	348	11,341	3,098	25.8	8,248	979	
1999	3,630	3.24	11,772	462	753	11,518	3,275	27.2	8,243	1,549	
2000	3,593	3.27	11,763	428	845	11,376	3,324	27.5	8,050	1,519	
2001	3,577	3.30	11,817	413	931	11,309	3,365	27.8	7,944	1,509	
2002	3,568	3.33	11,877	423	938	11,357	3,405	28.1	7,951	1,515	
2003	3,570	3.36	11,989	540	909	11,576	3,439	28.3	8,139	1,558	
2004	3,572	3.39	12,097	554	920	11,710	3,476	28.5	8,234	1,580	
2005	3,570	3.41	12,168	789	801	12,085	3,516	28.8	8,570	1,650	
2006	3,574	3.43	12,240	680	808	12,118	3,557	29.1	8,560	1,644	
2007	3,580	3.45	12,346	691	773	12,245	3,591	29.3	8,653	1,664	
China											
1994	1,395	3.16	4,411	1,365	0	5,855	2,139	1.8	1,300	899	
1995	1,283	3.19	4,089	1,399	0	5,550	1,883	1.6	1,000	837	
1996	1,300	3.08	4,000	2,050	6	5,800	2,250	1.8	1,000	1,081	
1997	1,300	3.08	4,000	2,000	0	6,000	2,450	2.0	1,000	1,081	
1994-97 ave.	1,320	3.13	4,125	1,704	2	5,801	2,181	1.8	1,075	975	
1999	1,260	3.28	4,137	1,909	0	6,042	2,487	2.0	1,294	870	
2000	1,318	3.31	4,362	1,874	0	6,189	2,461	1.9	817	917	
2001	1,283	3.35	4,300	1,925	0	6,238	2,439	1.9	895	904	
2002	1,274	3.36	4,283	1,978	0	6,264	2,413	1.9	920	901	
2003	1,243	3.43	4,264	2,088	0	6,356	2,382	1.8	987	897	
2004	1,265	3.46	4,380	2,145	0	6,501	2,347	1.8	783	921	
2005	1,264	3.49	4,410	2,266	0	6,670	2,314	1.8	764	927	
2006	1,254	3.52	4,411	2,333	0	6,744	2,280	1.7	779	927	
2007	1,240	3.56	4,413	2,464	0	6,876	2,244	1.7	780	928	

See note at end of table.

Continued---

Table 16--Barley Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
Czech Republic										
1994	680	3.80	2,584	0	132	2,547	672	65.1	1,875	360
1995	558	3.84	2,141	34	20	2,331	700	67.8	1,631	184
1996	600	3.77	2,262	300	0	2,562	650	63.0	1,912	184
1997	645	3.93	2,535	25	0	2,560	700	67.8	1,860	184
1994-97 ave.	621	3.83	2,381	90	38	2,500	681	65.9	1,820	228
1999	643	3.87	2,488	209	0	2,728	708	68.4	2,020	736
2000	625	3.90	2,438	199	0	2,656	712	68.6	1,944	717
2001	621	3.93	2,442	200	0	2,645	716	68.8	1,929	714
2002	618	3.97	2,451	207	0	2,655	720	69.0	1,936	717
2003	621	4.00	2,485	310	0	2,765	723	69.2	2,043	746
2004	621	4.04	2,511	316	0	2,814	725	69.4	2,089	760
2005	619	4.07	2,521	527	0	2,998	728	69.6	2,270	809
2006	618	4.10	2,531	421	0	2,962	731	69.9	2,230	799
2007	622	4.13	2,568	411	0	2,975	734	70.2	2,242	803
EU-15										
1994	10,974	3.98	43,687	60	5,800	41,502	90	0.2	30,495	6,917
1995	10,772	4.06	43,713	150	2,750	42,575	88	0.2	31,936	5,455
1996	11,367	4.55	51,679	100	4,000	47,420	89	0.2	32,714	5,814
1997	11,879	4.43	52,629	299	6,000	43,981	89	0.2	33,695	8,761
1994-97 ave.	11,248	4.26	47,927	152	4,638	43,870	89	0.2	32,210	6,737
1999	11,590	4.52	52,360	216	7,738	45,280	91	0.2	34,199	5,886
2000	11,248	4.58	51,570	224	7,279	45,406	91	0.2	34,354	4,995
2001	11,182	4.64	51,906	258	7,004	45,595	91	0.2	34,449	4,560
2002	11,180	4.69	52,389	247	6,944	45,684	92	0.2	34,457	4,568
2003	11,259	4.73	53,235	271	7,419	46,050	93	0.2	34,760	4,605
2004	11,228	4.77	53,560	237	7,419	46,348	93	0.2	34,997	4,635
2005	11,344	4.83	54,809	250	8,621	46,430	93	0.2	34,954	4,643
2006	11,165	4.87	54,358	250	8,491	46,145	94	0.2	34,603	4,615
2007	11,201	4.91	55,009	250	8,748	46,478	94	0.2	34,868	4,648
Former Soviet Union										
1994	30,766	1.73	53,096	1,656	2,289	51,433	9,475	32.4	41,958	6,597
1995	26,807	1.23	32,864	1,204	1,026	36,701	8,055	27.5	28,656	2,938
1996	21,437	1.39	29,790	875	949	31,008	7,819	26.7	23,264	1,646
1997	21,805	1.65	36,015	955	2,200	33,265	7,145	24.4	25,336	3,151
1994-97 ave.	25,204	1.51	37,941	1,173	1,616	38,102	8,124	27.7	29,804	3,583
1999	21,657	1.54	33,326	1,047	991	33,377	7,660	26.0	23,329	1,753
2000	21,325	1.56	33,193	1,185	1,094	33,277	7,619	25.7	23,770	1,760
2001	21,237	1.57	33,447	1,123	1,236	33,310	7,669	25.8	23,753	1,784
2002	21,172	1.59	33,745	1,085	1,336	33,467	7,724	25.9	23,817	1,811
2003	21,161	1.62	34,189	1,128	1,163	34,114	7,817	26.1	24,056	1,851
2004	21,107	1.64	34,600	1,099	1,213	34,452	7,904	26.3	24,205	1,885
2005	21,033	1.66	34,988	1,270	1,088	35,133	7,992	26.5	24,549	1,922
2006	20,948	1.69	35,380	1,226	1,109	35,464	8,080	26.6	24,740	1,955
2007	20,914	1.72	35,943	1,278	973	36,204	8,202	26.9	25,063	1,999
Hungary										
1994	423	3.66	1,550	49	55	1,504	394	39.1	1,110	190
1995	393	3.58	1,408	21	71	1,400	400	40.0	1,000	148
1996	326	2.85	930	60	0	1,000	310	31.2	600	138
1997	400	3.50	1,400	10	150	1,275	400	40.5	875	123
1994-97 ave.	386	3.43	1,322	35	69	1,295	376	37.7	896	150
1999	435	3.58	1,556	0	366	1,195	409	41.7	787	97
2000	428	3.60	1,538	0	397	1,145	417	42.7	727	93
2001	424	3.62	1,535	0	420	1,117	426	43.8	691	90
2002	422	3.64	1,534	0	394	1,138	436	44.9	702	92
2003	423	3.66	1,549	0	354	1,191	444	45.9	747	96
2004	423	3.69	1,561	0	348	1,212	453	46.9	758	98
2005	422	3.71	1,564	0	268	1,290	464	48.2	826	104
2006	420	3.72	1,562	0	252	1,309	477	49.8	832	106
2007	422	3.74	1,576	0	245	1,329	487	51.1	842	107

See note at end of table.

Continued---

Table 16--Barley Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		Feed
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
Iran										
1994	2,600	1.42	3,700	384	0	4,234	1,434	22.2	2,800	750
1995	2,500	1.32	3,300	338	0	3,838	1,400	21.2	2,438	550
1996	2,400	1.29	3,100	496	0	3,796	1,400	20.7	2,400	350
1997	2,200	1.36	3,000	800	0	3,850	1,400	20.3	2,450	300
1994-97 ave.	2,425	1.35	3,275	505	0	3,930	1,409	21.1	2,522	488
1999	2,457	1.39	3,417	369	0	3,807	1,319	18.4	2,489	395
2000	2,467	1.39	3,437	353	0	3,828	1,337	18.2	2,494	357
2001	2,476	1.40	3,458	342	0	3,847	1,354	18.0	2,497	310
2002	2,484	1.40	3,475	342	0	3,868	1,373	17.9	2,500	260
2003	2,497	1.40	3,501	361	0	3,886	1,388	17.7	2,504	235
2004	2,510	1.40	3,526	363	0	3,902	1,401	17.5	2,507	223
2005	2,517	1.41	3,543	381	0	3,918	1,414	17.3	2,510	229
2006	2,518	1.41	3,551	371	0	3,934	1,428	17.1	2,514	218
2007	2,527	1.41	3,571	384	0	3,947	1,438	16.9	2,519	226
Japan										
1994	62	3.63	225	1,751	0	2,025	350	2.8	1,675	912
1995	59	3.69	218	1,529	0	1,864	305	2.4	1,559	795
1996	57	4.09	233	1,529	0	1,873	300	2.4	1,573	684
1997	52	3.37	175	1,750	0	1,925	300	2.4	1,625	684
1994-97 ave.	58	3.70	213	1,640	0	1,922	314	2.5	1,608	769
1999	68	3.91	266	1,692	0	1,965	300	2.4	1,665	794
2000	69	3.94	271	1,696	0	1,966	300	2.4	1,666	795
2001	69	3.96	275	1,681	0	1,959	300	2.4	1,659	791
2002	70	3.98	279	1,668	0	1,951	300	2.4	1,650	788
2003	71	4.00	283	1,670	0	1,952	300	2.4	1,652	789
2004	72	4.03	288	1,653	0	1,944	300	2.4	1,644	785
2005	72	4.04	292	1,660	0	1,949	300	2.3	1,650	788
2006	73	4.06	297	1,649	0	1,947	300	2.3	1,647	787
2007	74	4.08	302	1,650	0	1,951	300	2.3	1,651	788
Poland										
1994	1,032	2.60	2,686	682	16	3,500	1,000	25.9	2,500	277
1995	1,048	3.13	3,278	197	1	3,474	1,155	29.9	2,315	277
1996	1,130	3.04	3,437	325	5	3,764	1,150	29.7	2,614	270
1997	1,244	3.11	3,874	100	5	3,950	1,150	29.7	2,800	289
1994-97 ave.	1,114	2.98	3,319	326	7	3,672	1,114	28.8	2,557	278
1999	1,153	3.09	3,560	173	5	3,727	1,176	30.1	2,551	263
2000	1,151	3.13	3,603	168	5	3,764	1,186	30.3	2,577	265
2001	1,154	3.16	3,649	166	5	3,807	1,198	30.5	2,609	268
2002	1,152	3.19	3,676	169	5	3,838	1,210	30.7	2,628	271
2003	1,148	3.22	3,692	183	5	3,868	1,222	30.9	2,646	273
2004	1,143	3.24	3,706	191	5	3,890	1,234	31.0	2,656	274
2005	1,140	3.27	3,723	209	5	3,925	1,247	31.3	2,678	277
2006	1,143	3.29	3,755	212	5	3,960	1,260	31.5	2,700	279
2007	1,138	3.30	3,760	233	5	3,986	1,272	31.7	2,714	281
Russia										
1994	16,404	1.65	27,000	584	1,500	24,711	5,651	38.1	19,060	2,427
1995	14,710	1.07	15,800	600	300	18,002	4,657	31.4	13,345	525
1996	11,853	1.34	15,900	300	149	16,251	4,500	30.4	11,751	325
1997	12,500	1.66	20,800	250	1,750	18,150	4,500	30.4	13,550	1,475
1994-97 ave.	13,867	1.43	19,875	434	925	19,279	4,827	32.6	14,427	1,188
1999	12,502	1.35	16,892	100	598	16,388	4,702	31.8	10,367	360
2000	12,262	1.36	16,715	100	534	16,274	4,655	31.4	10,802	367
2001	12,177	1.38	16,766	100	600	16,253	4,670	31.5	10,778	380
2002	12,109	1.39	16,857	100	652	16,291	4,692	31.6	10,772	394
2003	12,069	1.41	17,028	100	491	16,620	4,738	31.9	10,757	411
2004	12,003	1.43	17,195	100	491	16,787	4,783	32.1	10,793	428
2005	11,927	1.46	17,367	150	347	17,152	4,833	32.4	10,872	446
2006	11,847	1.48	17,565	150	342	17,354	4,887	32.7	10,981	465
2007	11,793	1.52	17,867	162	200	17,806	4,966	33.2	11,076	488

See note at end of table.

Continued---

Table 16--Barley Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Feed	Ending stocks	
						Total	Food	Food/cap			
	1,000 ha	Tons/ha		---	1,000 tons	---		Kgs.	---	1,000 tons	---
Saudi Arabia											
1994	317	6.39	2,025	3,002	0	5,800	200	11.0	5,600	2,174	
1995	188	6.38	1,200	2,966	0	5,000	200	10.6	4,800	1,340	
1996	71	6.34	450	5,600	0	5,500	200	10.3	5,300	1,890	
1997	126	6.35	800	4,500	0	5,300	300	14.8	5,000	1,890	
1994-97 ave.	176	6.37	1,119	4,017	0	5,400	225	11.7	5,175	1,824	
1999	135	6.41	864	5,398	0	6,131	180	8.3	5,951	2,140	
2000	137	6.41	876	5,379	0	6,380	185	8.3	6,230	2,015	
2001	138	6.42	889	5,532	0	6,530	190	8.2	6,377	1,906	
2002	142	6.43	913	5,719	0	6,736	194	8.2	6,581	1,802	
2003	147	6.43	944	5,846	0	6,970	200	8.2	6,810	1,622	
2004	152	6.44	976	6,104	0	7,160	206	8.2	6,995	1,542	
2005	156	6.45	1,003	6,356	0	7,359	210	8.1	7,191	1,542	
2006	159	6.46	1,026	6,624	0	7,605	212	7.9	7,438	1,587	
2007	164	6.46	1,057	6,891	0	7,907	217	7.9	7,736	1,628	
Slovakia											
1994	240	3.72	893	0	40	849	279	52.1	570	75	
1995	234	3.39	794	0	2	800	300	55.8	500	67	
1996	226	3.18	718	65	0	785	300	55.6	485	65	
1997	245	3.78	925	0	0	925	300	55.4	625	65	
1994-97 ave.	236	3.52	833	16	11	840	295	54.7	545	68	
1999	228	3.61	824	34	0	865	309	56.5	556	208	
2000	222	3.69	820	14	0	840	313	56.9	527	202	
2001	220	3.78	833	0	8	828	318	57.4	510	199	
2002	220	3.86	847	0	21	826	322	57.9	504	198	
2003	220	3.95	870	0	3	859	327	58.4	533	206	
2004	220	4.04	891	0	20	869	331	58.8	538	209	
2005	220	4.13	907	6	0	904	336	59.4	569	217	
2006	219	4.22	924	0	27	899	340	59.9	558	216	
2007	221	4.31	950	0	1	939	345	60.5	594	225	
Taiwan											
1994	0	0.00	0	306	0	306	0	0.0	175	0	
1995	0	0.00	0	213	0	213	0	0.0	130	0	
1996	0	0.00	0	200	0	200	0	0.0	125	0	
1997	0	0.00	0	150	0	150	0	0.0	75	0	
1994-97 ave.	0	0.00	0	217	0	217	0	0.0	126	0	
1999	0	0.00	0	220	0	215	0	0.0	191	0	
2000	0	0.00	0	230	0	230	0	0.0	207	0	
2001	0	0.00	0	236	0	236	0	0.0	212	0	
2002	0	0.00	0	248	0	248	0	0.0	220	0	
2003	0	0.00	0	254	0	254	0	0.0	226	0	
2004	0	0.00	0	261	0	261	0	0.0	232	0	
2005	0	0.00	0	267	0	267	0	0.0	236	0	
2006	0	0.00	0	273	0	273	0	0.0	242	0	
2007	0	0.00	0	280	0	280	0	0.0	248	0	
Tunisia											
1994	250	0.58	145	350	0	550	30	3.4	520	45	
1995	200	4.18	835	234	0	914	50	5.5	814	200	
1996	700	1.21	850	200	0	880	100	10.9	765	370	
1997	250	0.76	190	300	0	820	100	10.7	720	40	
1994-97 ave.	350	1.44	505	271	0	791	70	7.6	705	164	
1999	413	0.78	323	245	0	567	70	7.2	497	49	
2000	417	0.79	329	243	0	571	72	7.3	500	49	
2001	421	0.80	335	241	0	576	74	7.4	502	50	
2002	425	0.80	342	239	0	580	76	7.5	505	50	
2003	429	0.81	349	238	0	586	79	7.6	507	51	
2004	434	0.82	356	237	0	592	82	7.8	510	51	
2005	437	0.83	363	236	0	598	85	8.0	512	52	
2006	441	0.84	369	234	0	603	88	8.1	515	52	
2007	445	0.85	376	233	0	609	90	8.2	517	53	

See note at end of table.

Continued---

Table 16--Barley Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
Turkey										
1994	3,500	1.86	6,500	54	1,022	6,300	789	13.0	5,500	590
1995	3,550	1.94	6,900	60	3	6,500	800	12.9	5,700	1,047
1996	3,650	1.97	7,200	25	500	6,600	800	12.7	5,800	1,172
1997	3,650	1.97	7,200	25	800	6,700	800	12.5	5,900	897
1994-97 ave.	3,588	1.94	6,950	41	581	6,525	797	12.8	5,725	927
1999	3,619	1.98	7,157	86	429	7,007	750	11.4	6,257	898
2000	3,643	1.99	7,241	129	433	7,054	745	11.2	6,311	781
2001	3,664	2.00	7,318	140	437	7,056	740	10.9	6,321	746
2002	3,683	2.01	7,394	192	442	7,167	734	10.7	6,436	723
2003	3,706	2.02	7,476	226	446	7,230	726	10.4	6,509	749
2004	3,728	2.03	7,560	237	451	7,281	717	10.2	6,570	814
2005	3,748	2.04	7,637	177	455	7,274	709	9.9	6,571	899
2006	3,764	2.05	7,709	145	460	7,369	700	9.7	6,678	924
2007	3,785	2.06	7,791	151	552	7,368	688	9.4	6,775	946
Ukraine										
1994	5,092	2.85	14,508	0	215	14,301	1,483	29.0	12,818	2,091
1995	4,413	2.18	9,633	1	123	10,200	1,343	26.4	8,867	1,402
1996	3,426	1.67	5,725	0	100	6,725	1,340	26.4	5,360	302
1997	3,700	2.00	7,400	0	200	6,800	1,250	24.7	5,450	702
1994-97 ave.	4,158	2.24	9,317	0	160	9,507	1,354	26.6	8,124	1,124
1999	3,521	2.32	8,182	100	168	8,110	1,255	24.9	6,323	568
2000	3,490	2.36	8,242	150	260	8,131	1,263	25.1	6,332	569
2001	3,488	2.40	8,370	150	336	8,180	1,282	25.5	6,355	573
2002	3,487	2.44	8,498	150	384	8,259	1,300	25.9	6,406	578
2003	3,496	2.48	8,659	150	372	8,425	1,324	26.4	6,538	590
2004	3,499	2.52	8,808	150	422	8,529	1,347	26.8	6,609	597
2005	3,500	2.56	8,947	200	441	8,694	1,368	27.3	6,745	609
2006	3,498	2.59	9,075	200	467	8,801	1,388	27.7	6,823	616
2007	3,505	2.64	9,236	200	473	8,952	1,411	28.2	6,940	627
Other Central & Eastern Europe										
1994	1,359	2.42	3,283	137	190	3,398	638	11.4	2,760	162
1995	1,180	3.08	3,630	30	353	3,250	602	10.8	2,700	219
1996	1,030	2.27	2,340	165	50	2,405	640	11.5	1,810	269
1997	1,130	2.99	3,380	105	300	3,085	650	11.7	2,450	369
1994-97 ave.	1,175	2.69	3,158	109	223	3,035	633	11.3	2,430	255
1999	1,171	2.86	3,344	46	382	3,003	674	12.1	2,329	246
2000	1,167	2.88	3,364	47	443	2,971	695	12.4	2,275	243
2001	1,157	2.90	3,358	47	498	2,912	707	12.6	2,205	238
2002	1,156	2.91	3,369	47	518	2,899	717	12.8	2,181	237
2003	1,158	2.93	3,393	47	547	2,893	724	12.9	2,170	237
2004	1,164	2.95	3,428	47	547	2,925	733	13.0	2,193	240
2005	1,169	2.95	3,453	47	528	2,969	741	13.1	2,227	243
2006	1,173	2.96	3,468	47	524	2,989	749	13.2	2,240	245
2007	1,177	2.97	3,492	47	522	3,015	754	13.3	2,261	247
Other Former Soviet Union										
1994	9,270	1.25	11,588	1,072	574	12,421	2,341	25.1	10,080	2,079
1995	7,684	0.97	7,431	603	603	8,499	2,055	21.9	6,444	1,011
1996	6,158	1.33	8,165	575	700	8,032	1,979	21.0	6,153	1,019
1997	5,605	1.39	7,815	705	250	8,315	1,395	14.7	6,336	974
1994-97 ave.	7,179	1.22	8,750	739	532	9,317	1,943	20.7	7,253	1,271
1999	5,634	1.46	8,252	847	225	8,879	1,703	17.6	6,639	825
2000	5,573	1.48	8,236	935	300	8,872	1,701	17.4	6,636	824
2001	5,572	1.49	8,311	873	300	8,877	1,717	17.4	6,620	831
2002	5,576	1.50	8,390	835	300	8,917	1,732	17.4	6,639	839
2003	5,596	1.52	8,502	878	300	9,069	1,755	17.4	6,761	850
2004	5,605	1.53	8,597	849	300	9,136	1,774	17.4	6,803	860
2005	5,606	1.55	8,674	920	300	9,287	1,791	17.4	6,932	867
2006	5,603	1.56	8,740	876	300	9,309	1,805	17.4	6,936	874
2007	5,616	1.57	8,840	916	300	9,446	1,825	17.4	7,047	884

See note at end of table.

Continued---

Table 16--Barley Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Feed	Ending stocks	
						Total	Food	Food/cap			
	1,000 ha	Tons/ha		---	1,000 tons	---		Kgs.	---	1,000 tons	---
Other N. Africa & Middle East											
1994	6,367	1.10	7,020	1,907	745	7,054	2,464	14.8	4,590	1,905	
1995	5,150	0.79	4,064	1,271	550	6,033	2,774	16.2	3,873	657	
1996	5,803	1.21	7,012	2,520	600	7,657	2,601	14.8	5,121	1,932	
1997	5,357	0.69	3,708	2,500	400	6,908	2,540	14.1	4,386	832	
1994-97 ave.	5,669	0.96	5,451	2,050	574	6,913	2,595	15.0	4,493	1,332	
1999	6,196	0.88	5,453	2,208	510	7,123	2,559	13.6	4,565	958	
2000	6,241	0.89	5,543	2,227	515	7,247	2,631	13.6	4,614	967	
2001	6,305	0.90	5,645	2,248	520	7,384	2,694	13.6	4,684	956	
2002	6,379	0.90	5,755	2,299	526	7,533	2,755	13.6	4,773	951	
2003	6,459	0.91	5,872	2,390	531	7,715	2,814	13.6	4,898	967	
2004	6,547	0.92	5,997	2,447	536	7,891	2,875	13.6	5,009	984	
2005	6,630	0.92	6,114	2,525	541	8,077	2,938	13.6	5,131	1,005	
2006	6,700	0.93	6,221	2,570	547	8,254	3,003	13.6	5,245	994	
2007	6,773	0.94	6,338	2,659	552	8,445	3,066	13.6	5,371	994	
Other South America											
1994	573	1.74	998	344	61	1,295	1,010	6.4	285	120	
1995	622	1.68	1,045	346	11	1,413	1,158	7.2	305	87	
1996	663	1.89	1,253	366	200	1,431	1,151	7.0	220	75	
1997	713	2.31	1,645	286	250	1,631	1,091	6.6	420	125	
1994-97 ave.	643	1.92	1,235	336	131	1,443	1,103	6.8	308	102	
1999	721	1.95	1,406	301	145	1,562	1,191	7.0	371	21	
2000	736	1.99	1,465	302	164	1,603	1,224	7.1	378	21	
2001	748	2.04	1,523	301	188	1,636	1,253	7.1	384	21	
2002	760	2.08	1,584	302	212	1,674	1,286	7.2	388	22	
2003	770	2.13	1,641	310	230	1,721	1,327	7.4	393	22	
2004	775	2.18	1,690	311	238	1,763	1,363	7.5	399	22	
2005	782	2.23	1,742	314	249	1,807	1,402	7.6	405	22	
2006	786	2.27	1,787	311	255	1,843	1,433	7.6	411	22	
2007	794	2.32	1,841	312	269	1,884	1,469	7.7	415	23	

Note: Food category includes other uses in some countries.

Table 17--Sorghum Supply and Use Projections

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
World										
1994	41,386	1.42	58,786	6,148	6,523	58,756	24,226	55.5	32,974	4,158
1995	41,067	1.37	56,062	6,246	6,813	57,585	24,823	56.3	30,753	2,705
1996	44,603	1.55	69,338	6,019	6,444	67,653	28,512	60.6	36,825	4,392
1997	41,095	1.56	64,029	6,398	6,810	64,965	28,585	59.7	36,378	3,456
1994-97 ave.	42,038	1.48	62,054	6,203	6,648	62,240	26,537	58.0	34,233	3,678
1999	42,610	1.54	65,717	7,197	7,188	65,260	28,687	57.9	33,957	4,328
2000	42,836	1.56	67,015	7,549	7,540	66,703	28,969	57.3	35,102	4,650
2001	43,020	1.57	67,619	7,788	7,779	67,572	29,348	56.8	35,626	4,706
2002	43,117	1.58	68,154	8,122	8,113	68,487	29,772	56.5	36,171	4,382
2003	43,347	1.60	69,210	8,321	8,310	69,419	30,270	56.1	36,673	4,183
2004	43,647	1.62	70,517	8,517	8,505	70,470	30,698	55.8	37,244	4,242
2005	43,789	1.63	71,491	8,712	8,700	71,321	31,058	55.3	37,772	4,424
2006	43,857	1.64	72,103	8,948	8,936	72,182	31,479	54.9	38,277	4,357
2007	43,997	1.66	73,053	9,066	9,053	72,887	31,885	54.4	38,580	4,535
United States										
1994	3,609	4.57	16,491	0	5,657	10,223	38	0.1	10,156	1,819
1995	3,350	3.49	11,694	0	5,025	8,021	76	0.3	7,740	467
1996	4,816	4.24	20,396	1	5,217	14,441	965	3.6	13,426	1,206
1997	3,800	4.37	16,590	0	5,080	11,686	838	3.1	10,795	1,030
1994-97 ave.	3,894	4.18	16,293	0	5,245	11,093	479	1.8	10,529	1,131
1999	3,725	4.33	16,130	0	5,962	9,779	838	3.0	8,890	1,550
2000	3,806	4.37	16,638	0	6,340	10,045	838	3.0	9,144	1,803
2001	3,806	4.40	16,765	0	6,600	10,164	838	3.0	9,271	1,804
2002	3,806	4.44	16,892	0	6,989	10,285	838	3.0	9,398	1,422
2003	3,887	4.48	17,400	0	7,230	10,423	838	2.9	9,525	1,169
2004	3,968	4.51	17,908	0	7,482	10,427	838	2.9	9,525	1,168
2005	4,049	4.55	18,416	0	7,748	10,540	838	2.9	9,652	1,296
2006	4,049	4.58	18,543	0	7,993	10,677	838	2.9	9,779	1,169
2007	4,089	4.63	18,924	0	8,134	10,663	838	2.8	9,779	1,296
Argentina										
1994	468	3.53	1,650	0	192	1,608	100	2.9	1,508	250
1995	632	3.32	2,100	0	800	1,350	100	2.9	1,250	200
1996	675	3.70	2,500	4	798	1,656	50	1.4	1,606	250
1997	750	4.27	3,200	0	1,200	1,900	50	1.4	1,850	350
1994-97 ave.	631	3.74	2,363	1	748	1,629	75	2.2	1,554	263
1999	563	3.72	2,096	0	601	1,489	52	1.4	1,438	211
2000	567	3.74	2,123	0	607	1,513	53	1.5	1,460	214
2001	564	3.79	2,136	0	605	1,529	54	1.5	1,475	216
2002	552	3.84	2,117	0	581	1,538	55	1.5	1,483	214
2003	538	3.88	2,089	0	546	1,546	55	1.4	1,491	211
2004	533	3.94	2,099	0	534	1,564	55	1.5	1,509	212
2005	523	3.98	2,083	0	501	1,583	56	1.5	1,528	211
2006	520	4.02	2,092	0	489	1,602	57	1.5	1,545	213
2007	517	4.07	2,102	0	486	1,615	57	1.5	1,558	214
Australia										
1994	686	1.85	1,272	44	50	1,266	34	1.9	1,232	100
1995	652	2.38	1,555	0	537	1,018	30	1.6	988	100
1996	564	2.15	1,212	0	150	1,062	25	1.4	1,036	100
1997	650	2.00	1,300	0	250	1,050	50	2.7	1,025	100
1994-97 ave.	638	2.09	1,335	11	247	1,099	35	1.9	1,070	100
1999	653	2.19	1,429	0	330	1,095	51	2.7	1,044	126
2000	643	2.20	1,416	0	295	1,118	51	2.7	1,067	129
2001	642	2.20	1,415	0	278	1,135	51	2.7	1,083	131
2002	631	2.20	1,390	0	245	1,144	52	2.7	1,092	132
2003	619	2.21	1,367	0	216	1,151	52	2.6	1,099	133
2004	616	2.21	1,361	0	195	1,164	52	2.6	1,113	134
2005	607	2.21	1,342	0	159	1,181	52	2.6	1,129	136
2006	607	2.21	1,344	0	146	1,196	52	2.6	1,143	138
2007	605	2.22	1,343	0	136	1,206	52	2.6	1,153	140

See note at end of table.

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Table 17--Sorghum Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
China										
1994	1,370	4.60	6,300	18	188	6,355	1,355	1.1	5,000	325
1995	1,216	3.91	4,755	0	28	4,927	1,300	1.1	3,627	125
1996	1,292	4.39	5,676	0	99	5,377	2,130	1.7	3,250	325
1997	1,230	4.47	5,500	0	25	5,675	2,001	1.6	3,674	125
1994-97 ave.	1,277	4.35	5,558	5	85	5,584	1,697	1.4	3,888	225
1999	1,280	4.66	5,960	0	38	5,919	1,987	1.6	3,933	240
2000	1,332	4.70	6,257	0	40	6,205	1,960	1.6	4,244	252
2001	1,282	4.74	6,073	0	38	6,043	1,928	1.5	4,115	244
2002	1,251	4.75	5,941	0	37	5,909	1,894	1.5	4,015	239
2003	1,195	4.88	5,835	0	35	5,804	1,858	1.4	3,946	235
2004	1,203	4.95	5,958	0	35	5,918	1,822	1.4	4,095	240
2005	1,176	5.00	5,879	0	33	5,849	1,786	1.4	4,063	237
2006	1,143	5.04	5,759	0	32	5,732	1,750	1.3	3,982	232
2007	1,105	5.13	5,671	0	30	5,645	1,712	1.3	3,932	228
India										
1994	12,800	0.72	9,200	0	60	9,340	7,106	7.6	1,300	100
1995	11,440	0.83	9,550	0	0	9,550	7,095	7.4	1,500	100
1996	11,700	0.90	10,500	0	20	10,280	7,752	8.0	1,500	300
1997	11,200	0.80	9,000	0	0	9,100	7,786	7.9	1,700	200
1994-97 ave.	11,785	0.81	9,563	0	20	9,568	7,435	7.7	1,500	175
1999	12,025	0.89	10,747	0	0	10,740	7,767	7.7	1,925	301
2000	11,997	0.90	10,766	0	0	10,766	7,706	7.5	2,019	301
2001	11,934	0.91	10,818	0	0	10,816	7,657	7.3	2,125	303
2002	11,798	0.92	10,802	0	0	10,803	7,566	7.2	2,215	302
2003	11,717	0.93	10,859	0	0	10,857	7,516	7.0	2,326	304
2004	11,640	0.94	10,899	0	0	10,898	7,459	6.9	2,431	305
2005	11,576	0.95	10,949	0	0	10,947	7,405	6.7	2,543	307
2006	11,499	0.96	10,985	0	0	10,984	7,341	6.6	2,652	308
2007	11,433	0.97	11,034	0	0	11,033	7,284	6.5	2,765	309
Japan										
1994	0	0.00	0	2,334	0	2,577	0	0.0	2,577	71
1995	0	0.00	0	2,298	0	2,198	0	0.0	2,198	171
1996	0	0.00	0	2,597	0	2,500	0	0.0	2,500	268
1997	0	0.00	0	2,700	0	2,800	0	0.0	2,800	168
1994-97 ave.	0	0.00	0	2,482	0	2,519	0	0.0	2,519	170
1999	0	0.00	0	2,661	0	2,659	0	0.0	2,659	160
2000	0	0.00	0	2,657	0	2,657	0	0.0	2,657	159
2001	0	0.00	0	2,647	0	2,648	0	0.0	2,648	159
2002	0	0.00	0	2,648	0	2,648	0	0.0	2,648	159
2003	0	0.00	0	2,621	0	2,623	0	0.0	2,622	157
2004	0	0.00	0	2,587	0	2,589	0	0.0	2,589	155
2005	0	0.00	0	2,545	0	2,548	0	0.0	2,547	153
2006	0	0.00	0	2,528	0	2,529	0	0.0	2,529	152
2007	0	0.00	0	2,458	0	2,462	0	0.0	2,462	148
Mexico										
1994	1,000	3.00	3,000	2,544	0	5,644	0	0.0	5,644	291
1995	1,733	3.21	5,568	1,764	0	6,900	0	0.0	6,900	723
1996	1,800	3.44	6,200	2,091	0	8,000	0	0.0	8,000	1,014
1997	1,800	3.44	6,200	2,500	0	9,000	0	0.0	9,000	714
1994-97 ave.	1,583	3.31	5,242	2,225	0	7,386	0	0.0	7,386	686
1999	1,934	3.33	6,447	3,151	0	9,562	0	0.0	9,562	852
2000	1,952	3.34	6,526	3,477	0	9,961	0	0.0	9,963	894
2001	1,966	3.35	6,591	3,781	0	10,332	0	0.0	10,329	934
2002	1,979	3.36	6,656	4,080	0	10,696	0	0.0	10,692	974
2003	1,991	3.37	6,719	4,302	0	10,987	0	0.0	10,984	1,008
2004	2,002	3.39	6,780	4,505	0	11,253	0	0.0	11,249	1,040
2005	2,013	3.40	6,845	4,732	0	11,543	0	0.0	11,536	1,074
2006	2,023	3.42	6,909	4,977	0	11,849	0	0.0	11,842	1,111
2007	2,032	3.43	6,973	5,149	0	12,091	0	0.0	12,082	1,142

See note at end of table.

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Table 17--Sorghum Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Ending stocks	
						Total	Food	Food/cap		Feed
	1,000 ha	Tons/ha		---	1,000 tons	---	Kgs.	---	1,000 tons	---
Saudi Arabia										
1994	200	1.25	250	0	0	275	0	0.0	275	0
1995	200	1.25	250	0	0	250	0	0.0	250	0
1996	180	1.11	200	0	0	200	0	0.0	200	0
1997	180	1.11	200	0	0	200	0	0.0	200	0
1994-97 ave.	190	1.18	225	0	0	231	0	0.0	231	0
1999	193	1.13	219	13	0	221	0	0.0	221	0
2000	196	1.14	222	17	0	239	0	0.0	233	0
2001	198	1.14	226	23	0	249	0	0.0	243	0
2002	200	1.15	230	30	0	260	0	0.0	253	0
2003	203	1.15	234	38	0	272	0	0.0	265	0
2004	206	1.16	238	49	0	287	0	0.0	275	0
2005	208	1.16	241	59	0	300	0	0.0	287	0
2006	210	1.16	244	70	0	314	0	0.0	300	0
2007	212	1.17	248	80	0	328	0	0.0	315	0
South Africa										
1994	143	1.68	240	13	0	253	88	2.1	165	0
1995	174	2.56	445	0	126	319	104	2.5	215	0
1996	160	1.88	300	0	0	300	100	2.3	200	0
1997	140	2.14	300	0	0	300	100	2.3	200	0
1994-97 ave.	154	2.08	321	3	32	293	98	2.3	195	0
1999	158	2.35	372	0	1	380	121	2.6	258	0
2000	158	2.38	376	0	2	374	124	2.6	264	0
2001	158	2.40	380	0	1	379	127	2.6	266	0
2002	158	2.43	384	1	0	385	130	2.6	270	0
2003	159	2.45	389	2	0	391	133	2.6	274	0
2004	159	2.47	393	5	0	398	135	2.6	276	0
2005	159	2.50	397	8	0	405	139	2.6	279	0
2006	159	2.52	401	9	0	410	142	2.7	284	0
2007	159	2.55	405	9	0	414	146	2.7	289	0
Sub-Saharan Africa										
1994	18,533	0.84	15,531	159	235	15,005	14,759	27.3	215	1,000
1995	19,113	0.80	15,211	60	86	15,560	15,313	27.5	215	625
1996	20,929	0.84	17,550	50	5	17,485	16,617	29.0	205	735
1997	18,805	0.89	16,782	42	50	16,964	16,986	28.8	210	545
1994-97 ave.	19,345	0.84	16,269	78	94	16,254	15,919	28.2	211	726
1999	20,048	0.86	17,318	45	50	17,305	17,086	27.4	220	692
2000	20,171	0.88	17,686	71	50	17,692	17,445	27.2	220	707
2001	20,474	0.89	18,212	0	51	18,143	17,899	27.2	220	725
2002	20,760	0.90	18,734	0	59	18,654	18,436	27.3	220	746
2003	21,066	0.92	19,286	0	77	19,186	19,014	27.4	220	769
2004	21,354	0.93	19,833	0	56	19,756	19,527	27.4	220	790
2005	21,523	0.94	20,280	0	56	20,206	19,970	27.3	220	808
2006	21,707	0.96	20,771	0	72	20,679	20,487	27.3	221	828
2007	21,918	0.97	21,298	0	63	21,215	20,982	27.2	221	848
Taiwan										
1994	26	4.23	110	29	0	188	0	0.0	155	10
1995	15	4.33	65	87	0	152	0	0.0	122	10
1996	15	4.33	65	68	0	133	0	0.0	103	10
1997	15	4.33	65	50	0	115	0	0.0	85	10
1994-97 ave.	18	4.30	76	59	0	147	0	0.0	116	10
1999	18	3.71	68	73	0	139	0	0.0	108	43
2000	17	3.70	65	79	0	150	0	0.0	117	36
2001	17	3.70	61	92	0	154	0	0.0	120	36
2002	16	3.71	58	103	0	159	0	0.0	125	39
2003	15	3.70	55	110	0	163	0	0.0	128	41
2004	14	3.58	51	117	0	168	0	0.0	131	41
2005	13	3.71	50	123	0	169	0	0.0	134	45
2006	13	3.70	47	130	0	173	0	0.0	137	49
2007	12	3.71	45	136	0	177	0	0.0	140	53

See note at end of table.

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Table 17--Sorghum Supply and Use Projections--continued

	Area	Yield	Production	Imports	Exports	Consumption			Feed	Ending stocks
						Total	Food	Food/cap		
	1,000 ha	Tons/ha			--- 1,000 tons ---			Kgs.	--- 1,000 tons ---	
Other N. Africa & Middle East										
1994	660	1.88	1,244	214	0	1,460	444	8.1	1,016	58
1995	637	2.00	1,272	432	0	1,704	462	8.1	1,242	58
1996	633	1.97	1,245	457	0	1,702	450	7.6	1,252	58
1997	640	1.96	1,255	400	0	1,660	450	7.4	1,210	53
1994-97 ave.	643	1.95	1,254	376	0	1,632	452	7.8	1,180	57
1999	635	1.98	1,257	422	0	1,679	444	6.8	1,235	54
2000	627	2.01	1,261	437	0	1,698	443	6.6	1,255	54
2001	619	2.04	1,264	447	0	1,711	440	6.4	1,273	55
2002	613	2.07	1,271	462	0	1,732	442	6.2	1,292	55
2003	608	2.11	1,280	473	0	1,753	441	6.0	1,313	55
2004	603	2.14	1,288	485	0	1,773	439	5.8	1,333	55
2005	596	2.17	1,292	495	0	1,787	435	5.6	1,352	55
2006	589	2.19	1,293	503	0	1,796	429	5.4	1,368	55
2007	584	2.22	1,297	515	0	1,812	425	5.2	1,388	55
Other South America										
1994	589	2.13	1,256	47	31	1,282	19	0.2	1,263	20
1995	613	2.18	1,338	140	46	1,422	18	0.2	1,404	30
1996	539	2.15	1,157	53	25	1,185	96	0.8	1,167	30
1997	550	2.11	1,160	60	25	1,195	22	0.2	1,173	30
1994-97 ave.	573	2.14	1,228	75	32	1,271	39	0.3	1,252	28
1999	554	2.14	1,185	32	23	1,194	23	0.2	1,171	30
2000	549	2.16	1,187	28	24	1,191	23	0.2	1,168	30
2001	539	2.19	1,182	31	25	1,187	23	0.2	1,165	30
2002	532	2.22	1,182	39	25	1,195	23	0.2	1,172	31
2003	526	2.26	1,188	38	26	1,200	23	0.2	1,176	31
2004	523	2.29	1,195	42	26	1,210	24	0.2	1,187	32
2005	518	2.31	1,198	41	25	1,213	24	0.2	1,190	32
2006	512	2.33	1,194	40	25	1,209	24	0.2	1,185	32
2007	506	2.36	1,194	42	25	1,210	24	0.2	1,187	33

Note: Food category includes other uses in some countries.