

ANNEX J

Statistics for Hungary

Agricultural construction and machine investments (at current price; million Euro)

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Construction	29	23	27	30	35	63	90	116	107	107	80
Machines	39	29	38	51	60	105	137	169	152	138	152

Share of agriculture in the national economy (%)

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
GDP	7.8	6.5	5.8	6.0	6.0	6.0	5.2	4.9	4.2	3.7	3.8
Investments	4.3	2.9	3.1	2.9	2.9	3.4	3.6	5.2	5.5	5.0	6.2
Export	N/A	10.0	6.8	6.8	8.2	6.0	4.7	4.2	2.9	2.6	2.9

Agricultural workers

1000 people	1950	1960	1970	1980	1990	2000	2001	2002
National economy (total)	4 107	4 735	4 980	5 074	4 880	3 856	3 868	3 870
Agriculture, forestry and fishing	2 093	1 732	1 023	765	693	256	243	241
Percentage of workers (%)	51.0	36.6	20.5	15.1	14.2	6.6	6.3	6.2

Land Use, by legal form (%)

	1990	1992	1994	1995	1996	1997	1998	1999	2000	2001	2002
Companies and corporations	30.8	38.7	33.2	27.9	28.1	25.4	25.9	28.2	29.1	25.9	25.9
Co-operatives	55.3	45.4	29.3	23.7	21.6	19.6	18.0	16.1	12.5	4.7	4.2
Private farmers	13.9	15.9	22.3	43.4	45.1	49.7	51.0	50.4	41.9	63.4	64.2
Other	-	-	15.2	5.0	5.2	5.3	5.1	5.4	16.5	6.0	5.0

Agricultural used land ('000 ha)

	1950	1960	1970	1980	1990	2000	2001	2002	2003
Arable land	5 518	5 310	5 046	4 735	4 713	4 500	4 516	4 516	4 516
Garden	94	108	146	291	341	102	98	99	96
Orchard	58	82	172	138	95	95	98	97	98
Vineyard	230	204	230	168	138	106	93	93	93
Total	7 376	7 141	6 875	6 627	6 473	5 854	5 846	5 846	5 842

Yield of main agricultural products between 1950-2002 (kg/ha)

											1988	1989
	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987		
											5446	5240
Wheat	1680	2130	4760	3999	4392	4406	5415	4827	4355	4371	5465	6216
Maize	2500	3380	5320	5860	6854	5582	5884	6285	6285	6126	18513	16698
Potato	10510	10410	14960	18198	17339	15743	20155	19574	18631	15964	1949	1946
Sunflower seed	970	1010	1754	2062	1949	2052	1879	1962	2190	2092	39333	43977
Sugar beet	25330	28730	37640	38754	42555	34698	40006	37910	36186	36287		

	1990	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Wheat	5050	4070	3050	4590	4160	3280	4210	4140	3590	3600	4310	3510
Maize	3990	3650	3500	3850	4430	5610	6410	5950	6380	4150	6220	5050
Potato	16920	16850	13310	12770	15780	17790	16280	18850	18390	15290	21280	18280
Sunflower seed	1971	1789	1751	1605	1606	1836	1228	1682	1521	1620	1960	1860
Sugar beet	36090	27190	22950	31980	33950	39590	37680	41960	44540	34350	43780	41080

Harvested amounts of main agricultural products between 1980-2002 ('000 tonne)

	1950	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Wheat	2085	1768	2723	6077	4602	5751	5968	7367	6554	5740	5685	6975	6509
Maize	1820	3534	4072	6673	6813	7752	6255	6514	6619	7029	7007	6028	6742
Potato	1574	3001	1813	1392	1112	966	790	1048	975	815	694	883	819
Sunflower seed	254	80	96	456	623	578	587	596	673	856	790	708	692
Sugar beet	1640	3370	2175	3941	4719	5370	3782	4360	4073	3760	4254	4511	5298

	1990	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Wheat	6198	3453	3021	4874	4614	3910	5258	4895	2638	3692	5197	3910
Maize	4500	4405	4044	4761	4680	5989	6828	6143	7149	4984	7858	6121
Potato	1226	1212	1057	946	1099	1308	1140	1148	1199	864	908	752
Sunflower seed	684	765	682	667	789	868	540	718	793	484	632	777
Sugar beet	4743	2928	2182	3370	4199	4677	3691	3361	2934	1976	2903	

Oil Crops - Harvested area (ha)

	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Sunflower seed	272919	346857	N/A	427584	389424	409442	491295	473043	440012	426968	521272	298795	320019	418020
Rape seed	50599	59984	N/A	34160	22266	35065	45144	93921	89453	52055	180522	115788	109656	129389
Castor-oil bean	-	-	-	-	-	N/A	N/A	N/A	N/A	-	-	-	-	-
Oil flax seed	8761	8578	N/A	5814	2211	1841	1438	965	402	1061	1749	1008	782	397
Hemp seed	1849	1081	N/A	50	165	236	50	372	98	80	-	N/A	N/A	N/A
Marrow seed	800	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	360	N/A	N/A	N/A

Yields of main oil crops (kg/ha)

	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Sunflower seed	1754.0	1971.1	N/A	1788.5	1750.6	1605.0	1606.0	1835.8	1227.9	1682.4	1521.1	1620.0	1960.0	1860.0
Rape seed	2025.1	1760.6	N/A	1297.4	1002.7	1809.2	1965.2	1465.2	1618.9	1403.0	1793.6	1550.0	1870.0	1600.0
Castor-oil bean	-	-	-	N/A	N/A	N/A	N/A	N/A	N/A	-	-	-	-	-
Oil flax seed	1300.1	1145.8	N/A	811.3	541.8	1197.2	1128.0	897.4	1054.7	1116.9	1029.2	870.0	1000.0	1170.0
Hemp seed	941.0	1105.5	N/A	1200.0	945.5	546.6	920.0	572.6	1051.0	750.0	-	N/A	N/A	N/A
Marrow seed	900.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1500.0	N/A	N/A	N/A

Hemp fibre produced in Hungary

	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Harvested area (ha)	7516	1380	N/A	320	114	415	386	1031	1107	1030	171	58	68	925
Total harvested production (tonne)	50510	7034	6162	1734	261	3087	2738	9033	10458	8648	1510	560	608	3779
Yield (tonnes/ha)	6.720	5.097	N/A	5.419	2.289	7.439	7.093	8.761	9.447	8.396	8.830	9.655	8.060	4.090

Amounts of Reed Harvested

	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Harvested area (ha)	37676	8360	N/A	5928	5669	9526	12550	15851	18130	15798	21108	N/A	N/A	N/A
Total harvested production (sheaf)	204960	6441	4413	2587	2235	4499	3035	3596	6295	3248	4126	N/A	N/A	N/A
Yield (sheaf/ha)	5.440	0.770	N/A	0.436	0.394	0.472	0.242	0.227	0.347	0.206	0.195	N/A	N/A	N/A

Production of Sorghum

	1980	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Harvested area (ha)	3355	2384	N/A	2404	2176	2074	2385	831	1130	837	992	4214	3043	3273

Total harvested production (tonne)	8020	7264	7567	5370	3328	2529	4255	2523	2917	1731	3744	7858	6460	5496
Yield (tonnes/ha)	2.390	3.047	N/A	2.234	1.529	1.219	1.784	3.036	2.581	2.068	3.774	1.864	2.122	1.679

The most important cultivated medicinal plants (1996 - 2000)

Common name	Latin name	Acreage (ha)	Production (t)
Mustard	<i>Sinapis alba L., Brassica nigra L.</i>	12,000 - 15,000	9,000 - 12,000
Caraway	<i>Carum carvi L.</i>	1,500 - 2,500	1,500 - 2,500
Fennel	<i>Foeniculum vulgare Mill.</i>	1,500 - 2000	1,200 - 1,500
Lady's thistle	<i>Silybum marianum L.</i>	1,500 - 2,000	1,200 - 1,300
Coriander	<i>Coriandrum sativum L.</i>	1,500 - 3,000	1,500 - 2,500
Anise	<i>Pimpinella anisum L.</i>	400 - 500	250 - 350
Dill	<i>Anethum graveolens L.</i>	400 - 500	350 - 500
Marjoram	<i>Majorana hortensis L.</i>	50 - 100	60 - 120
Lemon-balm	<i>Melissa officinalis L.</i>	200 - 250	200 - 300
Valerian	<i>Valeriana officinalis L.</i>	50 - 100	70 - 150
Chamomile	<i>Matricaria recutita L.</i>	250 - 400	150 - 250
Lovage	<i>Levisticum officinale L.</i>	40 - 60	35 - 50
Savory	<i>Satureja hortensis L.</i>	50 - 100	60 - 120
Thyme	<i>Thymus vulgaris L.</i>	40 - 60	40 - 60
Angelica	<i>Angelica archangelica L.</i>	40 - 60	45 - 65
Basil	<i>Ocimum basilicum L.</i>	50 - 100	60 - 120
Peppermint	<i>Mentha piperita L.</i>	50 - 100	35 - 70
Hollyhock	<i>Malva mauritania L.</i>	15 - 25	9 - 15
Lavender	<i>Lavandula angustifolia L.</i>	50 - 100	11 - 22
Marigold	<i>Calendula officinalis L.</i>	15 - 25	12 - 20

The most important collected medicinal plants (1996 - 2000)

Common name	Latin name	Production (t)
Hiprose	<i>Rosa canina L.</i>	200 - 250
Horsechestnut	<i>Aesculus hippocastanum L.</i>	350 - 500
Horsetail	<i>Equisetum arvense L.</i>	250 - 350
Nettle	<i>Urtica dioica L.</i>	250 - 350
Yarrow	<i>Achillea millefolium L.</i>	250 - 350
Golden rod	<i>Solidago gigantea Ait.</i>	100 - 150
Mistletoe	<i>Viscum album L.</i>	150 - 200
Elder (flower)	<i>Sambucus nigra L.</i>	100 - 150
Dandelion	<i>Taraxacum officinale Weber</i>	50 - 100
Linden	<i>Tilia cordata Mill.</i>	100 - 150
Liverwort	<i>Agrimonia eupatoria L.</i>	30 - 40
Wormwood	<i>Artemisia absinthium L.</i>	25 - 35
Greater celandine	<i>Chelidonium maius L.</i>	25 - 35
Hawthorn	<i>Crataegus laevigata (Poir.) DC.</i>	50 - 100
St. John's wart	<i>Hypericum perforatum L.</i>	50 - 100
Centaury	<i>Centaurium minus Much.</i>	150 - 200

Quality drugs from medicinal plants exported in relatively large amounts (1996-2000)

Common name	Latin name	Exported (t/year)
Mustard	<i>Sinapis alba L., Brassica nigra L.</i>	3800-6500
Caraway	<i>Carum carvi L.</i>	270-1950
Coriander	<i>Coriandrum sativum L.</i>	600-1620
Fennel	<i>Foeniculum vulgare Mill.</i>	150-340

Anise	<i>Pimpinella anisum L.</i>	100-160
Chamomile	<i>Matricaria recutita L.</i>	50-170
Hiprose	<i>Rosa canina L.</i>	50-100
Nettle	<i>Urtica dioica L.</i>	50-100
Marjoram	<i>Majorana hortensis L.</i>	50-100
Horsechesnut	<i>Aesculus hippocastanum L.</i>	50-100
