



COMMISSION OF THE EUROPEAN COMMUNITIES

RAW TOBACCO

ANNEX

1. RAW TOBACCO PRODUCTION

Raw tobacco production by Member State and by group of variety (in tons)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
I. FLUE CURED	117 822	144 100	167 040	124 129	118 521	122 024	123 015	121 761	126 358	121 056	129 405	132 472
Germany	986	1 218	1 640	1 777	2 041	2 066	2 528	2 905	3 371	4 396	4 594	4 713
Greece	26 644	39 701	71 526	37 921	29 644	30 624	30 791	30 578	30 621	30 610	32 475	35 849
Spain	27 092	32 497	30 158	27 569	28 944	28 969	27 509	28 177	28 815	27 205	28 775	27 873
France	5 212	5 981	6 602	7 951	8 273	8 412	8 976	7 554	9 278	9 458	9 863	10 397
Italy	54 023	60 071	53 517	47 193	45 691	48 000	47 841	47 558	48 244	44 401	48 461	48 707
Austria*	-	-	-	-	-	2	0	0	0	0	0	0
Portugal	3 865	4 632	3 597	1 718	3 928	3 951	5 370	4 989	6 029	4 986	5 237	4 933
II. LIGHT AIR CURED	73 096	89 212	80 178	71 479	70 000	70 804	72 290	71 988	73 087	74 687	78 012	79 722
Belgium	0	0	0	0	83	76	81	47	50	79	59	88
Germany	2 751	4 004	4 290	3 158	3 040	2 176	2 718	2 540	2 608	2 747	2 702	2 534
Greece	3 835	8 651	13 127	11 530	11 700	11 732	12 346	12 255	12 364	11 987	12 290	12 310
Spain	3 630	5 286	6 681	4 689	2 320	2 454	2 422	2 422	2 467	5 436	5 988	5 600
France	3 779	4 796	5 113	6 125	6 642	6 719	6 744	6 616	7 819	7 605	8 500	8 827
Italy	58 132	65 337	49 890	44 775	44 968	46 486	46 797	46 900	46 571	45 672	47 300	49 338
Austria*	-	320	319	393	363	262	187	205	212	222	297	264
Portugal	969	818	758	809	884	899	995	1 003	996	939	876	761
III. DARK AIR CURED	111 145	73 840	53 481	45 524	43 886	44 003	45 446	43 277	43 656	38 541	35 888	32 693
Belgium	1 476	623	1 409	1 503	1 206	1 032	1 218	1 040	1 258	1 254	1 085	1 301
Germany	2 604	2 774	3 160	3 206	2 862	2 762	3 295	3 304	3 848	4 191	3 860	3 618
Spain	12 151	8 151	7 156	8 466	10 800	10 640	10 586	10 413	10 743	7 177	6 825	6 512
France	19 417	19 699	12 567	11 980	12 074	12 170	11 998	10 328	9 597	8 237	6 564	4 827
Italy	75 497	42 593	29 189	20 369	16 944	17 399	18 328	18 170	18 188	17 660	17 529	16 415
Austria*	-	-	-	-	-	-	21	22	22	22	25	20
IV. FIRE CURED	8 073	8 197	6 513	6 690	6 148	6 733	6 384	6 846	6 921	6 783	6 019	6 152
Spain	30	23	11	21	26	28	30	26	30	30	30	29
Italy	8 043	8 174	6 502	6 669	6 122	6 705	6 354	6 820	6 891	6 753	5 989	6 123
V. SUN CURED	109 426	49 562	41 263	32 042	27 335	27 265	26 543	26 309	27 331	26 434	19 290	13 298
Greece	90 405	32 442	29 305	18 740	15 104	15 411	15 272	15 238	15 194	14 589	10 567	6 561
Italy	19 021	17 120	11 958	13 302	12 231	11 854	11 271	11 071	12 137	11 845	8 723	6 737
VI. BASMAS				22 908	23 269	23 877	24 700	25 314	24 589	25 243	26 632	26 635
VII. KATERINI				21 412	21 489	21 920	21 878	22 192	22 093	22 045	23 340	23 400
Greece				21 412	21 489	21 920	21 878	22 192	22 093	22 020	23 290	23 302
Italy				0	0	0	0	0	0	25	50	98
VIII. KABA K.		65 100	59 628	18 243	18 138	16 561	16 764	17 389	17 986	19 402	16 905	13 215
EU	419 562	430 011	408 103	342 427	328 786	333 187	337 020	335 076	342 021	334 191	335 491	327 587
Belgique	1 476	623	1 409	1 503	1 289	1 108	1 299	1 087	1 308	1 333	1 144	1 389
Allemagne	6 341	7 996	9 090	8 141	7 943	7 004	8 541	8 749	9 827	11 334	11 156	10 865
Grèce	120 884	145 894	143 586	130 754	119 344	120 125	121 751	122 966	122 847	123 851	122 159	117 872
Espagne	42 903	45 957	44 006	40 745	42 090	42 091	40 547	41 038	42 055	39 848	41 618	40 014
France	28 408	30 476	24 282	26 056	26 989	27 301	27 718	24 498	26 694	25 300	24 927	24 051
Italie	214 716	193 295	151 056	132 308	125 956	130 444	130 591	130 519	132 031	126 356	128 052	127 418
Autriche*	-	320	319	393	363	264	208	227	234	244	322	284
Portugal	4 834	5 400	4 355	2 527	4 812	4 850	6 365	5 992	7 025	5 925	6 113	5 694

* Austria 1990-1995: figures communicated after accession of 1995

Source: Member States Communications

2. RAW TOBACCO AREA

Area declared by Member States as grown at tobacco (in ha)

		1993	1994	1995	1996	1997	1998	1999	2000	2001
I. FLUE CURED		51 847	50 092	46 157	46 485	44 153	45 634	41 299	42 725	44 198
	Germany	1 041	1 394	1 251	1 291	1 446	1 658	2 111	2 196	2 317
	Greece	12 362	11 097	10 435	11 482	10 435	10 435	9 451	9 868	10 647
	Spain	12 410	11 213	10 889	10 084	8 440	9 479	8 695	8 715	8 418
	France	3 963	3 816	3 582	3 342	3 337	3 442	2 941	3 684	3 814
	Italy	19 984	20 325	18 345	18 351	18 345	18 345	16 213	16 410	17 216
	Austria*	-	-	1	0	0	0	0	0	0
	Portugal	2 087	2 247	1 654	1 935	2 150	2 275	1 888	1 852	1 786
II. LIGHT AIR CURED		26 462	24 584	23 522	21 617	20 817	20 146	19 584	19 996	20 412
	Belgium	0	27	25	24	23	17	27	26	27
	Germany	1 547	1 427	1 161	989	906	899	962	968	937
	Greece	3 664	3 710	3 701	3 789	3 538	3 382	3 107	3 182	3 083
	Spain	1 930	835	1 036	1 016	913	935	1 972	2 113	1 997
	France	2 619	2 504	2 319	2 248	2 438	2 625	2 500	3 108	3 289
	Italy	16 175	15 549	14 863	13 109	12 547	11 861	10 613	10 229	10 738
	Austria*	195	190	146	87	90	91	99	100	105
	Portugal	332	342	271	355	362	336	304	270	236
III. DARK AIR CURED		21 257	21 170	20 896	17 991	17 281	16 871	13 586	12 598	11 466
	Belgium	400	386	339	356	322	338	332	343	357
	Germany	1 205	1 245	1 164	1 134	1 140	1 289	1 473	1 413	1 369
	Spain	3 252	3 899	4 371	4 130	3 860	3 945	2 536	2 358	2 242
	France	4 515	4 252	4 007	3 752	3 366	3 006	2 421	2 247	1 666
	Italy	11 885	11 388	11 015	8 608	8 582	8 281	6 813	6 226	5 822
	Austria*	-	-	-	11	11	12	11	11	10
IV. FIRE CURED		3 435	3 117	2 875	2 870	2 986	3 066	2 684	2 366	2 403
	Spain	11	12	12	15	12	11	11	11	11
	Italy	3 424	3 105	2 863	2 855	2 974	3 055	2 673	2 355	2 392
V. SUN CURED		17 239	15 133	13 860	12 587	11 754	11 384	10 125	7 648	5 416
	Greece	9 304	7 438	7 241	7 106	6 681	6 491	5 855	4 023	2 472
	Italy	7 935	7 695	6 619	5 481	5 073	4 893	4 270	3 625	2 944
VI. BASMAS	Greece	23 164	21 919	20 941	21 192	17 215	20 956	20 636	20 865	20 855
VII. KATERINI		13 376	12 792	12 029	11 345	12 679	11 902	11 721	11 368	11 243
	Greece	13 376	12 792	12 029	11 345	12 679	11 902	11 700	11 314	11 151
	Italy	0	0	0	0	0	0	21	54	92
VIII. KABA K.	Greece	10 629	10 328	9 298	8 800	9 318	9 141	9 101	7 666	6 544
EU		167 409	159 135	149 578	142 887	136 203	139 100	128 736	125 232	122 537
	Belgium	400	413	364	380	345	355	359	369	384
	Germany	3 793	4 066	3 576	3 414	3 492	3 846	4 546	4 577	4 623
	Greece	72 499	67 284	63 645	63 714	59 866	62 307	59 850	56 918	54 752
	Spain	17 603	15 959	16 308	15 245	13 225	14 370	13 214	13 197	12 668
	France	11 097	10 572	9 908	9 342	9 141	9 073	7 862	9 039	8 769
	Italy	59 403	58 062	53 705	48 404	47 521	46 435	40 603	38 899	39 204
	Austria*	195	190	147	98	101	103	110	111	115
	Portugal	2 419	2 589	1 925	2 290	2 512	2 611	2 192	2 122	2 022

* Austriae 1993-1995: figures communicated after accession of 1995

Source: Member States communications

3. RAW TOBACCO MARKET PRICES OF THE EU PRODUCTION

Evolution of market prices by group of varieties and by Member State

(Ecu-Euro/Kg)

		PRICE PER Kg								
		1993	1994	1995	1996	1997	1998	1999	2000	2001
I. FLUE CURED	UE	0.158	0.151	0.295	0.675	0.755	0.599	0.570	0.612	0.708
	DE	0.731	0.646	0.624	0.684	0.726	0.726	0.746	0.757	0.820
	GR	0.064	0.084	0.337	1.070	1.038	0.596	0.539	0.546	0.740
	ES	0.223	0.138	0.190	0.376	0.549	0.518	0.539	0.577	0.630
	FR	0.779	0.542	0.633	0.791	0.922	0.907	0.649	0.668	0.720
	IT	0.069	0.110	0.269	0.621	0.718	0.616	0.588	0.668	0.754
	AU			0.216						
	PO	0.177	0.138	0.157	0.227	0.311	0.312	0.363	0.304	0.330
II. LIGHT AIR CURED	UE	0.143	0.149	0.197	0.314	0.352	0.365	0.362	0.417	0.448
	BE			0.933	1.035	1.092	1.025	1.083	1.140	0.913
	DE	0.663	0.854	0.855	0.988	1.029	1.038	1.063	1.048	1.070
	GR	0.089	0.113	0.262	0.479	0.526	0.431	0.436	0.502	0.540
	ES	0.166	0.186	0.316	0.423	0.503	0.487	0.475	0.482	0.480
	FR	0.594	0.480	0.655	0.675	0.927	0.958	0.649	0.652	0.690
	IT	0.049	0.059	0.071	0.172	0.179	0.203	0.234	0.304	0.343
	AU				0.893	0.929	0.975	1.085	1.112	1.140
	PO	0.180	0.188	0.220	0.267	0.326	0.260	0.344	0.269	0.310
III. DARK AIR CURED	UE	0.321	0.382	0.477	0.384	0.512	0.507	0.467	0.416	0.410
	BE	0.593	0.643	0.879	1.033	1.189	1.139	1.144	1.215	1.190
	DE	0.455	0.552	0.509	0.561	0.610	0.614	0.583	0.578	0.580
	ES	0.178	0.176	0.273	0.359	0.439	0.414	0.401	0.399	0.380
	FR	0.878	0.975	1.251	1.197	1.237	1.267	1.109	0.925	1.030
	IT	0.011	0.043	0.031	0.051	0.086	0.095	0.118	0.127	0.140
	AU				0.591	0.591	0.624	0.620	0.623	0.640
IV. FIRE CURED	UE	0.297	0.553	0.644	1.079	1.282	1.310	1.561	1.770	1.719
	ES	0.325	0.443	0.369	0.544	0.766	0.739	0.733	0.739	0.730
	IT	0.296	0.553	0.645	1.082	1.284	1.312	1.564	1.775	1.724
V. SUN CURED	UE	0.318	0.087	0.202	0.645	0.693	0.367	0.353	0.163	0.145
	GR	0.514	0.138	0.325	1.063	1.058	0.483	0.500	0.176	0.170
	IT	0.041	0.036	0.043	0.079	0.192	0.222	0.173	0.147	0.120
VI. BASMAS	GR	1.015	1.210	2.756	3.336	3.336	2.870	2.843	2.905	3.440
VII. KATERINI	UE	0.817	0.767	1.581	2.039	2.102	1.654	1.570	1.473	1.664
	GR	0.817	0.767	1.581	2.039	2.102	1.654	1.571	1.476	1.670
	IT							0.321	0.214	0.185
VIII. KABA KOUL	GR	0.658	0.568	0.980	1.390	1.324	1.091	0.802	0.792	1.090
PRIX MOYEN UE	UE	0.319	0.322	0.592	0.897	0.957	0.790	0.764	0.790	0.907
	BE	0.593	0.602	0.883	1.033	1.185	1.135	1.140	1.211	1.172
	DE	0.596	0.692	0.650	0.733	0.770	0.765	0.763	0.766	0.798
	GR	0.503	0.510	1.125	1.687	1.695	1.283	1.219	1.231	1.521
	ES	0.207	0.151	0.218	0.374	0.519	0.490	0.506	0.534	0.568
	FR	0.781	0.720	0.914	0.939	1.056	1.051	0.799	0.729	0.774
	IT	0.062	0.097	0.165	0.356	0.421	0.399	0.408	0.476	0.520
	AU			0.002	0.863	0.896	0.942	1.043	1.074	1.105
	PO	0.178	0.147	0.169	0.233	0.314	0.305	0.360	0.299	0.326

Source: Member States communications

4. HOLDINGS STRUCTURES (EUROFARM SURVEY)

Comparison of holdings distribution by size:

number of tobacco Holdings by Member State

Size of Holdings (UAA)	Belgium		Greece		France		Italy		Spain	
	1993	2000	1993	2000	1993	2000	1993	2000	1993	2000
0<2 ha	20	10	22 300	17 050	120	70	9 390	5 470	1 130	840
2 - <5 ha	10	10	27 130	17 360	150	90	7 650	4 370	950	1 410
5 - <10 ha	70	40	13 160	10 130	640	190	5 020	3 600	1 360	1 300
10 - <20 ha	160	90	5 370	4 830	1 390	640	3 310	2 060	690	690
20 - <50 ha	80	100	1 780	1 990	4 370	2 380	1 180	790	310	280
>50 ha	0	0	130	230	1 910	1 730	440	330	190	170
Total	330	250	69 870	51 590	8 590	5 100	26 990	16 620	4 630	4 690

Source: EUROFARM survey of EUROSTAT

Distribution of tobacco holdings, in the 2000 and in the EU, by size:

number of tobacco holdings in the EU by size

0<2 ha	2 - <5 ha	5 - <10 ha	10 - <20 ha	20 - <50 ha	>50 ha	Total
23 670	23 440	15 380	8 460	5 870	2 690	79 510

Source: EUROFARM survey of EUROSTAT

Distribution of hectares by size of holding, in the EU in the 2000, is the following:

in Ha						
0<2 ha	2 - <5 ha	5 - <10 ha	10 - <20 ha	20 - <50 ha	>50 ha	Total
16 010	26 570	24 460	17 720	17 340	23 320	125 420

Source: EUROFARM survey of EUROSTAT

Distribution of ha with tobacco by Member States and by size of holding in the 2000:

in Ha								
	B	D	EL	E	F	I	A	P
0<2 ha	10	10	12 410	680	40	2 760	0	100
2 - <5 ha	10	30	19 350	2 620	80	4 340	10	130
5 - <10 ha	50	90	13 610	4 890	190	5 550	20	60
10 - <20 ha	140	350	7 280	3 730	790	5 310	40	80
20 - <50 ha	180	2 120	3 190	1 990	4 000	5 550	20	290
>50 ha	0	1 720	350	3 260	4 470	11 870	20	1 630
Total	390	4 320	56 190	17 170	9 570	35 380	110	2 290

Source: EUROFARM survey of EUROSTAT

5. REPRESENTATIVITY OF FADN

Tobacco production in the EU is concentrated in a few Member States and, even within those countries, into a few regions. Taking into account the very low number of tobacco farms in some countries and the fact that tobacco production is not used as a sampling criterion for the selection of the farms, the FADN sample is very limited in the less important tobacco producing countries. In these cases it is not possible to carry out reliable analyses. In addition to that, as the FADN only covers farms above a certain economic threshold, many of the very small tobacco farms may not be represented in the FADN field of observation, which leads to a certain bias in the results.

Due to these limitations in FADN sample, the only countries for which data is available are Germany, Greece, Spain, France and Italy. Furthermore, for certain kind of analyses, like analyses of costs of production that require additional conditions concerning the degree of specialisation, reliable estimates can be provided only for an even more restricted number of countries (usually Greece, Spain and Italy).

The representativity of FADN with respect to the tobacco farm population is illustrated in Table 4.

With the exception of Germany, in which, due to the very limited tobacco production, FADN clearly over-represents both the number of farms and their average size, the coverage of FADN in terms of number of farms is acceptable and varies between 74% and 99%. At the EU level, the average tobacco area per farm according to FADN does not differ significantly from that in the FSS; nevertheless, the tobacco area is clearly underestimated in Spain (73%), while the opposite situation is observed in France (133%).

Number of farms, tobacco area and average tobacco area per farm in 1997

	Number of farms with tobacco			Tobacco area represented (ha)			Tobacco area per farm (ha)		
	FSS	FADN	%	FSS	FADN	%	FSS	FADN	%
Germany	700	1120	160%	3310	8390	253%	4.7	7.5	158%
Greece	66720	49520	74%	74410	55190	74%	1.1	1.1	100%
Spain	4420	3390	77%	18030	10130	56%	4.1	3.0	73%
France	5930	5870	99%	9580	12610	132%	1.6	2.1	133%
Italy	24900	22540	91%	45200	41610	92%	1.8	1.8	102%
ALL	102670	82440	80%	150530	127920	85%	1.5	1.6	106%

Source: Eurostat, Farm structure surveys and DG Agri, FADN

Number of farms, tobacco area and average tobacco area per farm in 2000

	Number of farms with tobacco			Tobacco area represented (ha)			Tobacco area per farm (ha)		
	FSS	FADN	%	FSS	FADN	%	FSS	FADN	%
Germany		840		4320	7550	175%		8.9	
Greece	51590	39790	77%	56190	44860	80%	1.1	1.1	104%
Spain	4690	5170	110%	17170	16410	96%	3.7	3.2	87%
France	5100	7700	151%	9570	19120	200%	1.9	2.5	132%
Italy	16620	10880	66%	35380	31320	89%	2.1	2.9	135%
ALL		64380		122630	119260	97%		1.9	

Source: Eurostat, Farm structure surveys and DG Agri, FADN

6. STRUCTURAL FEATURES OF TOBACCO PRODUCERS

Table 5 shows the main structural features, and in particular the land use, of tobacco producing farms in FADN.

Farm structures are characterised by a high degree of heterogeneity among Member States.

In Germany, tobacco production is concentrated in large-scale holdings specialised in field cropping (UAA about 68 ha) and having a considerable surface destined to tobacco (about 9 ha); the amount of labour input is considerable (3 AWU), with a predominance of external labour. In France, the average tobacco producer also has a relatively important surface (52.6 ha), but the tobacco production itself is not very specialised (2.5 ha).

In the three main tobacco producing countries, Greece, Spain and Italy (in this last country with important regional differences), small structures are prevalent (about 5-10 ha of UAA with predominance of family labour), but the tobacco production is rather specialised. The smallest and least specialised holdings can be found in Greece, while in Spain the degree of specialisation in tobacco is the highest. Other crops grown beside tobacco are mainly cereals (in Greece and Italy especially durum wheat).

Land use of tobacco producing farms 2000

	DEU	ELL	ESP	FRA	ITA	EU-5
Sample farms	23	623	89	96	201	1032
Farms represented	844	39787	5169	7699	10881	64380
Specialisation tobacco (% of tobacco on UAA)	13%	17%	31%	5%	24%	13%
Labour - AWU	3.0	1.6	1.3	1.9	1.9	1.7
of which: Family labour	1.3	1.4	1.1	1.4	1.5	1.4
UAA - ha	68.1	6.5	10.2	52.6	12.2	14.1
of which: Rented UAA	59.1	3.4	5.3	39.1	6.0	9.0
Cereals	27.9	3.7	1.9	23.2	5.1	6.5
of which: Common wheat	7.0	0.7	0.0	8.1	0.5	1.6
Durum wheat	0.0	2.3	0.0	0.5	3.0	2.0
Barley	12.2	0.3	0.4	1.2	0.3	0.6
Grain maize	1.7	0.4	1.4	12.2	0.9	2.0
Other field crops	22.3	1.7	5.4	9.4	3.8	3.5
of which: Protein crops	1.9	0.0	0.0	0.5	0.0	0.1
Oilseeds	5.9	0.0	1.4	5.7	0.7	1.0
Tobacco	8.9	1.1	3.2	2.5	2.9	1.9
<i>Flue cured</i>	<i>0.0</i>	<i>0.0</i>	<i>1.4</i>	<i>0.0</i>	<i>0.6</i>	<i>0.2</i>
<i>Light air cured</i>	<i>0.0</i>	<i>0.0</i>	<i>1.8</i>	<i>0.0</i>	<i>0.0</i>	<i>0.2</i>
<i>Not specified</i>	<i>8.9</i>	<i>1.1</i>	<i>0.0</i>	<i>2.5</i>	<i>2.3</i>	<i>1.5</i>
Cotton	0.0	0.5	0.0	0.0	0.0	0.0
Vegetables and flowers-ha	1.1	0.1	0.4	0.4	0.2	0.2
Vineyards	0.2	0.0	0.0	0.2	0.2	0.1
Orchards	0.1	0.3	0.0	0.9	0.1	0.3
Olive groves	0.0	0.4	0.1	0.0	0.4	0.3
Forage crops	8.8	0.3	2.3	14.4	2.1	2.6
Agricultural fallows	1.0	0.1	0.1	0.1	0.0	0.1
Set aside	6.8	0.0	0.1	4.0	0.2	0.6

Source: DG Agri, FADN

7. DIFFERENCES IN STRUCTURE BETWEEN TOBACCO PRODUCERS AND NON-PRODUCERS

Table 6 shows the average structure of tobacco producers compared to farms not producing tobacco in the same area. The comparison is carried out at regional level for the most significant regions with tobacco production and it concerns the UAA and the total labour input.

In all Greek and French regions in the analysis, as well as in Toscana, Veneto and Campania in Italy, farms producing tobacco seem to have approximately the same physical size as the average of the holdings in the same region. In Extremadura, which is by far the most important tobacco-producing region in Spain, tobacco holdings are considerably smaller than the other farms of the area. In two Italian regions, Umbria and Lazio, the situation is the opposite: tobacco holdings are more than three times larger than the other farms.

Table 6 also shows the higher use of labour input on tobacco holdings, compared to the other holdings. This is not the case in the French regions Aquitaine and Rhône-Alpes, but, as the specialisation of tobacco farms in France is particularly low (table 5), they are in fact not too dissimilar from all other farms. The intensity of labour input per ha of UAA on tobacco farms is also generally higher than the average, but the comparison is partially biased by the difference in the average size of the two groups.

UAA, total labour input per holding and per ha; tobacco producers vs. other farms - 2000

		UAA per holding - ha		Total labour input per holding - AWU		Total labour input per ha of UAA – AWU/UAA	
		No tobacco	Tobacco	No tobacco	Tobacco	No tobacco	Tobacco
ELL	Makedonia-Thraki	8.3	7.4	0.9	1.6	0.11	0.22
	Ipiros-Peloponissos-Nissi Ioniou	4.2	5.3	1.3	1.4	0.31	0.26
	Thessalia	8.3	7.3	1.0	1.6	0.12	0.21
	Stereia Ellas-Nissi Egeou-Kriti	5.2	4.2	1.3	1.5	0.26	0.35
ESP	Extremadura	83.3	13.0	1.4	1.6	0.02	0.12
FRA	Alsace	39.9	48.6	1.9	1.9	0.05	0.04
	Aquitaine	41.9	35.9	2.3	1.8	0.05	0.05
	Midi-Pyrénées	62.6	65.2	1.7	2.0	0.03	0.03
	Rhône-Alpes	48.4	46.1	2.0	1.7	0.04	0.04
ITA	Veneto	9.8	6.0	1.3	1.2	0.13	0.20
	Toscana	23.9	23.0	1.8	2.4	0.08	0.11
	Umbria	14.1	44.2	1.0	2.6	0.07	0.06
	Lazio	9.5	31.9	0.8	1.8	0.08	0.06
	Campania	4.7	7.1	1.1	1.7	0.24	0.24

Source: DG Agri, FADN

8. TABLES:

1. Costs of production and margins for hectare of tobacco production– average 1999-2000 (€/ha)

	Extremadura	Umbria	Makedonia-Thraki	Thessalia	Stereia
SAMPLE FARMS	69	53	531	81	34
TOBACCO area - (ha / farm)	7.0	22.8	1.1	1.4	1.5
TOBACCO production - (tonne / farm)	15.7	52.3	1.9	3.9	4.2
TOBACCO output - (euros / farm)	8241	24407	4208	3567	2862
TOBACCO yield - (tonnes / ha)	2.2	2.3	1.7	2.9	2.8
TOBACCO price - euros	526	466	2240	908	686
Ratio paid labour/ total labour	50%	45%	7%	8%	9%
Ratio rented SAU / total SAU	33%	77%	53%	40%	13%
Costs (euros)					
Intermediate consumption (specific crop costs+farming overheads)	2765	2614	1615	2121	2055
Depreciation	330	505	970	1426	730
External factors	1370	1888	509	915	648
<i>of which Wages paid</i>	1096	1126	335	476	382
<i>of which Rents paid</i>	191	739	152	379	248
Implicit costs (opportunity costs of family factors)	1468	1574	4878	5846	5677
Market margins without premia (euros)					
B. Variable costs (Intermediate consumption + wages paid)	4052	4479	2103	2976	2686
C. Total input (Variable costs + depreciation + rent + interest paid)	4465	5006	3094	4461	3433
D. Total economic cost (Total input + implicit costs)	5933	6580	7973	10307	9110
E. Crop X output	1185	1071	3879	2640	1934
MARKET MARGIN OVER VARIABLE COSTS (E-B)	-2677	-2668	1928	43	-504
MARKET MARGIN OVER TOTAL INPUT (E-C)	-3280	-3935	784	-1821	-1499
MARKET MARGIN OVER TOTAL ECONOMIC COST (E-D)	-4749	-5509	-4094	-7668	-7176
Total margins with premia (euros)					
F. Subsidies	5772	6224	5413	6460	6928
G. Total receipts (E+F)	6957	7295	9291	9100	8861
TOTAL MARGIN OVER VARIABLE COSTS (G-B)	3095	3555	7341	6503	6424
TOTAL MARGIN OVER TOTAL INPUT (G-C)	2492	2289	6197	4639	5428
TOTAL MARGIN OVER TOTAL ECONOMIC COST (G-D)	1024	715	1319	-1207	-248

2a: Costs of production and margins for hectare of durum wheat production– average 1999-2000 (€/ha)

	Extremadura	Umbria	Makedonia-Thraki	Thessalia	Sterea
SAMPLE FARMS	72	15	308	67	-
DURUM WHEAT area - (ha / farm)	33.9	29.0	13.8	9.5	-
DURUM WHEAT production - (tonne / farm)	107.4	106.5	28.9	31.2	-
DURUM WHEAT output - (euros / farm)	14302	15936	3869	4773	-
DURUM WHEAT yield - (tonnes / ha)	3.2	3.7	2.1	3.3	-
DURUM WHEAT price - euros	133	150	134	153	-
Ratio paid labour/ total labour	5%	43%	3%	3%	-
Ratio rented SAU / total SAU	7%	15%	67%	32%	-
Costs (euros)					-
Intermediate consumption (specific crop costs+farming overheads)	198	438	293	367	-
Depreciation	11	223	122	147	-
External factors	19	280	90	98	-
<i>of which Wages paid</i>	9	257	4	4	-
<i>of which Rents paid</i>	7	16	78	90	-
Implicit costs (opportunity costs of family factors) ¹	290	439	186	319	-
Market margins without premia (euros)					
B. Variable costs (Intermediate consumption + wages paid)	207	695	298	370	-
C. Total input (Variable costs + depreciation + rent + interest paid)	227	941	506	612	-
D. Total economic cost (Total input + implicit costs)	518	1380	691	932	-
E. Crop X output	422	550	280	503	-
MARKET MARGIN OVER VARIABLE COSTS (E-B)	215	-145	-18	133	-
MARKET MARGIN OVER TOTAL INPUT (E-C)	195	-391	-226	-109	-
MARKET MARGIN OVER TOTAL ECONOMIC COST (E-D)	-96	-830	-411	-428	-
Total margins with premia (euros)					-
F. Subsidies	295	538	429	460	-
G. Total receipts (E+F)	717	1088	709	963	-
TOTAL MARGIN OVER VARIABLE COSTS (G-B)	509	392	411	593	-
TOTAL MARGIN OVER TOTAL INPUT (G-C)	489	146	203	351	-
TOTAL MARGIN OVER TOTAL ECONOMIC COST (G-D)	199	-293	18	32	-

COSTS AND MARGINS PER HA

2b: Costs of production and margins for hectare of sunflower production– average 1999-2000 (€/ha)

	Extremadura	Umbria	Makedonia- Thraki	Thessalia	Sterea
SAMPLE FARMS	-	55	18	-	-
SUNFLOWER area - (ha / farm)	-	6.6	8.3	-	-
SUNFLOWER production - (tonne / farm)	-	16.7	7.5	-	-
SUNFLOWER output (euros / farm)	-	2661	2214	-	-
SUNFLOWER yield - (tonnes / ha)	-	2.5	0.9	-	-
SUNFLOWER price - euros	-	160	294	-	-
Ratio paid labour/ total labour	-	0%	9%	-	-
Ratio rented SAU / total SAU	-	14%	64%	-	-
Costs (euros)	-			-	-
Intermediate consumption (specific crop costs+farming overheads)	-	383	319	-	-
Depreciation	-	262	176	-	-
External factors	-	14	80	-	-
<i>of which Wages paid</i>	-	1	12	-	-
<i>of which Rents paid</i>	-	12	66	-	-
Implicit costs (opportunity costs of family factors)	-	602	163	-	-
Market margins without premia (euros)	-			-	-
B. Variable costs (Intermediate consumption + wages paid)	-	384	331	-	-
C. Total input (Variable costs + depreciation + rent + interest paid)	-	659	575	-	-
D. Total economic cost (Total input + implicit costs)	-	1262	738	-	-
E. Crop X output	-	402	266	-	-
MARKET MARGIN OVER VARIABLE COSTS (E-B)	-	17	-64	-	-
MARKET MARGIN OVER TOTAL INPUT (E-C)	-	-258	-308	-	-
MARKET MARGIN OVER TOTAL ECONOMIC COST (E-D)	-	-860	-472	-	-
Total margins with premia (euros)	-			-	-
F. Subsidies	-	497	356	-	-
G. Total receipts (E+F)	-	899	623	-	-
TOTAL MARGIN OVER VARIABLE COSTS (G-B)	-	514	292	-	-
TOTAL MARGIN OVER TOTAL INPUT (G-C)	-	239	48	-	-
TOTAL MARGIN OVER TOTAL ECONOMIC COST (G-D)	-	-363	-115	-	-

COSTS AND MARGINS PER HA

2c: Costs of production and margins for hectare of cotton production– average 1999-2000 (€/ha)

	Extremadura	Umbria	Makedonia- Thraki	Thessalia	Sterea
SAMPLE FARMS	-	-	227	118	69
COTTON area - (ha / farm)	-	-	4.0	3.8	9.9
COTTON production - (tonne / farm)	-	-	12.3	11.9	34.9
COTTON output - (euros / farm)	-	-	10161	9517	27592
COTTON yield - (tonnes / ha)	-	-	3.1	3.2	3.5
COTTON price - euros	-	-	827	800	790
Ratio paid labour/ total labour	-	-	11%	6%	26%
Ratio rented SAU / total SAU	-	-	56%	43%	40%
Costs (euros)	-	-			
Intermediate consumption (specific crop costs+farming overheads)	-	-	1161	1008	1049
Depreciation	-	-	417	305	411
External factors	-	-	422	348	413
<i>of which Wages paid</i>	-	-	69	43	108
<i>of which Rents paid</i>	-	-	292	271	270
Implicit costs (opportunity costs of family factors)	-	-	811	1010	714
Market margins without premia (euros)	-	-			
B. Variable costs (Intermediate consumption + wages paid)	-	-	1230	1051	1157
C. Total input (Variable costs + depreciation + rent + interest paid)	-	-	2000	1661	1873
D. Total economic cost (Total input + implicit costs)	-	-	2811	2671	2587
E. Crop X output	-	-	2572	2524	2787
MARKET MARGIN OVER VARIABLE COSTS (E-B)	-	-	1343	1473	1630
MARKET MARGIN OVER TOTAL INPUT (E-C)	-	-	573	864	914
MARKET MARGIN OVER TOTAL ECONOMIC COST (E-D)	-	-	-238	-146	200

COSTS AND MARGINS PER HA

9. SPREADING OF THE NET PREMIUMS

EVOLUTION OF AVERAGE NET PREMIUM PER HA OF RAW TOBACCO

(in ECU or EURO/ha)

EU	1993	5 636
	1994	5 751
	1995	6 205
	1996	6 579
	1997	6 865
	1998	6 862
	1999	7 191
	2000	7 481
	2001	7 513

Source: DG AGRI calculations

EVOLUTION OF AVERAGE NET PREMIUM PER HA AND BY GROUP OF VARIETIES

(in ECU or EURO/ha)

	GROUP I	GROUP II	GROUP III	GROUP IV	GROUP V	GROUP VI	GROUP VII	GROUP VIII
1993	7 052	6 561	5 274	4 991	4 331	3 801	5 220	3 999
1994	6 945	6 903	5 081	5 031	4 189	4 264	5 726	4 277
1995	7 759	7 266	5 158	5 973	4 562	4 580	6 211	4 338
1996	7 775	8 083	6 191	5 673	4 891	4 682	6 573	4 640
1997	8 094	8 348	6 118	5 847	5 191	5 907	5 966	4 545
1998	8 143	8 799	6 323	5 757	5 568	4 713	6 327	4 792
1999	8 550	9 190	6 933	6 361	5 976	4 849	6 327	5 124
2000	8 830	9 419	6 923	6 403	5 773	5 060	6 906	5 300
2001	8 742	9 450	6 917	6 444	5 620	5 063	7 001	4 854

Source: DG AGRI calculations

EVOLUTION OF DEPENDENCE LEVEL FOR TOBACCO CROP FROM SUPPORT

(in ECU or EURO)

		Total production value	Ratio	
		(support included) (b)	(a)/(b)	
EU	1993	943 529 047	1 052 886 574	90%
	1994	915 144 325	1 020 938 163	90%
	1995	928 182 950	1 125 589 963	82%
	1996	939 983 257	1 237 487 679	76%
	1997	935 023 083	1 255 577 071	74%
	1998	954 456 311	1 224 779 590	78%
	1999	925 690 973	1 181 544 803	78%
	2000	936 862 542	1 202 471 723	78%
	2001	920 586 082	1 220 965 692	75%

Source: DG AGRI calculations