

ANNEX 5

Statistics for Austria

AUSTRIA

Yield (in t/ha) of field crops grown in Austria between 1970 and 1997

Crop species	1970	1975	1980	1985	1990	1995	1996	1997
Maize	4.92	5.86	6.70	8.31	8.18	8.50	8.62	9.78
Oats	2.68	3.41	3.43	4.17	3.94	3.96	3.67	4.27
Spring barley	3.14	4.12	4.04	4.52	4.90	4.38	4.23	4.47
Spring rye	2.22	3.41	3.10	3.61	4.51	4.09	3.05	3.58
Spring wheat	2.70	3.27	3.78	4.10	4.25	3.88	3.85	4.09
Triticale						3.93	4.35	4.83
Winter barley	3.23	3.95	4.12	4.67	5.81	5.12	4.06	5.61
Winter rye	2.73	4.01	3.48	3.85	4.51	4.09	3.05	3.58
Winter wheat	2.96	4.33	4.52	4.95	5.12	5.13	5.06	5.26
Beets	50.70	51.63	52.00	60.22	44.35	48.99	51.10	50.89
Potato	24.60	23.92	24.04	27.63	24.99	26.79	29.20	28.83
Sugar beet	44.42	46.07	51.00	56.32	50.13	55.88	58.99	58.41
Faba bean	3.28				3.15	2.47	2.00	2.26
Field pea	2.34				3.58	3.25	3.01	3.19
Vegetable pea	2.26		9.29	8.53	8.44	8.25	8.49	8.05
Oil-Pumpkin	44.75	43.51	42.29	46.65	40.46	46.50	0.67	0.59
Oilseed rape	2.00	2.26	2.12	2.73	2.49	3.01	1.86	2.36
Poppy	1.15	0.94	0.99	0.96	1.01	0.93	1.00	0.98
Soybean					1.90	2.28	2.01	2.20
Spring rapeseed, turnip	1.82				2.38	2.34	1.91	1.84
Sunflower	2.00	2.30	2.38	2.08	2.32	2.15	2.30	2.20
Hop				1.63		1.39	1.32	1.54
Sorghum, millets, buckwheat	2.60		1.19	1.07	0.90	1.11	0.90	0.88
Tabacco				1.73		1.79	1.71	2.29
Asparagus	4.00					4.88	4.98	4.50
Broccoli						14.18	15.74	18.74
Brussels sprouts	13.17					12.86	12.61	12.38
Bummerlsalat (<i>Lactuca sativa</i>)						29.04	32.20	30.22
Cabbage (other)	23.70					47.60	44.80	41.54
Cabbage (sauerkraut, red cabbage)	41.29	42.49	50.48	48.49	50.13	48.90	48.54	57.08
Carrot	31.46	28.06	31.18	34.39	35.66	31.82	34.76	42.83
Celery						39.75	39.66	43.70
Chinese cabbage	28.78	29.89	38.41	39.10	50.78	58.61	42.58	46.08
Cucumbers (other)	20.61	14.38	22.42	23.48	28.58	29.18	28.95	37.29
Cucumbers (salad use)	25.14	19.72	27.44	36.42	43.66	41.83	32.60	41.09
Endive Salad (<i>Cichorium endivia</i>)						27.56	30.19	27.83
Feuerbohne (<i>Phaseolus coccineus</i>)						2.80	2.00	1.50
Fisole (<i>Phaseolus vulgaris</i>)	11.99	10.46	14.30	14.59	15.96	15.93	15.73	14.40
Garlic						4.19	6.59	7.27
Horse raddish	9.70					11.99	11.00	12.00
Hot Pepper						18.91	17.50	14.44
Kohlrabi	23.21					20.84	24.72	23.80
Leek						35.75	37.21	39.98

Lettuce	22.77	21.46	27.05	30.48	30.36	28.42	33.02	35.81
Lollo Rossa (<i>Lact. sat. var. crispa</i>)						14.81	170.4	195.6
Onions	25.25	22.32	29.66	38.79	36.58	37.94	40.78	46.82
Parsley (root)	18.65					30.81	28.93	37.26
Pepper	19.80	13.39	18.12	18.75	19.72	29.77	26.11	29.67
Raddish (Bierrettich)						39.30	35.67	39.14
Raddish (Radieschen)						20.05	21.08	20.62
Radiccio (<i>Cichorium intybus</i>)						14.33	14.75	16.63
Red beet	21.48	22.33	23.63	30.62	30.91	30.13	33.38	49.33

Yield (in t/ha) of field crops grown in Austria between 1970 and 1997, *continued*

Crop species	1970	1975	1980	1985	1990	1995	1996	1997
Spinach	8.95	9.17	8.83	10.83	11.59	11.55	13.46	22.42
Strawberry					12.13	11.02	8.79	10.37
Sweet maize						14.00	16.39	9.53
Tomato	52.35	54.19	60.48	63.34	72.18	112.01	105.47	104.94
Zucchini						25.69	30.00	30.20
Alfalfa	8.75	7.90	8.80	9.30	8.31	8.55	8.02	8.91
Clover-Grass-Forage	7.92	7.02	8.39	9.00	8.51	8.29	7.97	8.34
Clovers, other	6.37	5.45	6.65	6.96				
Forage Maize	51.51	49.41	50.37	55.73	40.04	43.87	45.90	46.65
Red Clover	8.19	7.33	8.32	9.00	8.35	8.17	8.09	8.24

Source: ÖSTAT (Österreichisches Statistisches Zentralamt), Ergebnisse der landwirtschaftlichen Statistik

Area (in ha) of field crops grown in Austria between 1970 and 1997

Crop species	1970	1975	1980	1985	1990	1995	1996	1997
Maize	123927	159800	192947	207785	198073	19133	201342	188311
Oats	101567	94747	91989	75247	61956	40778	41609	46083
Spring barley	136498	290877	323441	252875	196076	123788	168366	179607
Spring rye	2518	3666	4009	2711	93041	76826	51222	57807
Spring wheat	16338	18252	21729	23581	23079	9491	10862	12318
Triticale						19279	17571	21896
Winter barley	275229	33630	50471	81204	96348	105311	91282	81034
Winter rye	133980	166010	105225	85420	93041	76826	51222	57807
Winter wheat	258891	271074	247024	296256	255147	246419	236740	247514
Beets	41844	18320	11620	6163	3845	1737	1203	1166
Potato	109924	73312	52569	37719	31760	27036	26335	23476
Sugar beet	43827	56070	50753	42745	49758	51643	53082	51569
Faba bean	705				13131	6886	4574	2783
Field pea	336				40619	19133	30782	50913
Vegetable pea	610		1104	1395	1695	1496	1355	1232
Oil-Pumpkin	2182	3106	5585	4317	5729	8957	12533	13955
Oilseed rape	3786	1951	3941	6324	38971	87300	64192	53772
Poppy	167	218	246	218	706	2567	1131	887
Soybean					9271	13669	13315	15217
Spring rapeseed, turnip	174				1873	1939	712	1125
Sunflower	645	227	291	222	22211	26915	18983	19954
Hop	100	118	131	152		242	241	248
Sorghum, millets, buckwheat	989	1125	905	1251	647	1863	892	704
Tabacco	278	236	258	261		147	141	99
Asparagus	40					154	164	178
Broccoli						61	69	86
Brussels sprouts	38					51	52	47
Bummerlsalat (<i>Lactuca sativa</i>)						426	458	496
Cabbage (other)	125					150	137	167
Cabbage (sauerkraut, red cabbage)	1897	1827	681	1057	1079	1108	1093	1103
Carrot	647	702	713	591	648	979	986	1104
Celery						253	283	272
Chinese cabbage	546	1720	3202	853	937	765	715	653
Cucumbers (other)	1196	595	1185	740	515	407	332	321
Cucumbers (salad use)	867	747	550	128	196	155	158	133
Endive Salad (<i>Cichorium endivia</i>)						123	114	126
Feuerbohne (<i>Phaseolus coccineus</i>)						91	71	80
Fisole (<i>Phaseolus vulgaris</i>)	831	736	883	830	1048	718	709	515
Garlic						27	27	30
Horse raddish	149					221	222	220
Hot Pepper						22	22	20
Kohlrabi	101					161	166	168
Leek						126	139	148
Lettuce	601	706	1187	853	894	876	909	893
Lollo Rossa (<i>Lact. sat. var. crispa</i>)						48	52	54
Onions	864	1304	1220	1398	1566	1590	1719	1975
Parsley (root)	96					101	94	133
Pepper	1013	995	672	114	192	152	225	194
Raddish (Bierrettich)						136	136	134
Raddish (Radieschen)						306	347	467
Radicchio (<i>Cichorium intybus</i>)						27	30	27
Red beet	216	218	291	153	228	183	203	211

Area (in ha) of field crops grown in Austria between 1970 and 1997, *continued*

Crop species	1970	1975	1980	1985	1990	1995	1996	1997
Spinach	270	266	248	369	418	562	522	478
Strawberry	473	672	956	1140	1122	1248	1248	1499
Sweet maize						142	163	316
Tomato	448	335	511	319	250	226	180	174
Zucchini						58	68	80
Alfalfa	36526	20875	14851	10992	7539	10455	9173	8966
Clover-Grass-Forage	39944	25160	25954	23435	27828	41932	47458	52163
Clovers, other	7077	2342	1542	1799	54225	66096	69992	73391
Forage Maize	46530	93499	106262	122398	107134	90682	85359	84464
Red Clover	60596	42691	31500	21773	18858	13709	13361	12262

Source: ÖSTAT (Österreichisches Statistisches Zentralamt), Ergebnisse der landwirtschaftlichen Statistik

List of current industrial crops and their areas and yields

1. Area of cultivation and yield of oilseed rape, fibre flax and hemp

		1970	1975	1980	1985	1990	1995	1996	1997	1998
Oilseed rape total:	ha	3786	1951	3941	6324	38971	87300	64192	53772	51916
	kg/ha	20.0	22.6	21.1	27.3	24.9	30.1	18.6	23.6	-
<i>Area on set-aside land:</i>	ha	-	-	-	-	-	13592	7471	3053	-
Fibre flax	ha	-	-	-	-	-	1608	1013	754	-
	kg/ha	-	-	-	-	-	-	-	-	-
Hemp	ha	-	-	-	-	-	160	674	1082	-
	kg/ha	-	-	-	-	-	-	-	-	-

Sources: ÖSTAT (Österreichisches Statistisches Zentralamt), AMA (Agrarmarkt Austria), Grüner Bericht (Bundesministerium für Land- und Forstwirtschaft).

Comments:

Oilseed rape total: No differentiation or estimation is available for the areas of food use, biodiesel use and non-energetic use of oilseed rape.

Oilseed rape on set-aside land: Used for biodiesel production only.

2. Area of cultivation and yield of carbohydrate crops and specialist uses crops

See the tables and references included in the text.