



# First results of the ICOPP pilot survey on feed availability

May 29, 2012

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## Indicators used

- › Animals [heads]  
Number of animals
- › Animals, duration laying period [days]
- › Animals, piglets weaned per sow/year [no]
- › Animals, places [no]  
Number of heads at the end of the year
- › Animals, replacement rate [percent]
- › Animals, slaughter age [days]  
Animals, average age at slaughter
- › Animals, slaughter weight [kg]  
Animals, average weight at slaughter
- › Animals, slaughtered [no]  
Number of slaughtered animals
- › Area [ha]  
Agricultural area, can be the national total (including conventional) according to FAOSTAT or the organic area according to national sources or Eurostat. Includes all crops
- › Area, EF [ha]  
Estimated area for feedstuffs
- › Production [t]  
Production, can be the national total according to FAOSTAT or the organic production according to national sources or Eurostat.
- › Production, EF [t]  
Estimated feedstuff production
- › Yields [t/ha]  
Yields (can be the national total according to FAOSTAT or the organic yield according to national sources or Eurostat)
- › Yields, E [t/ha]  
Estimated yields (organic/total), not necessarily feedstuffs

# Austria

For Austria the data were provided by Lisa Baldinger and Werner Zollitsch of BOKU.

## Information provided, based on national sources and estimates

The following information was provided:

- › Data on the total organic area (fully converted and in-conversion, (Area; EF [ha]);
- › Data on the total organic production;
- › An estimate of how much of the organic area is used for feedstuffs (not for all crops, but in general 40-60 percent was assumed);
- › All available data on organic animal husbandry.

## Calculation carried out, based on the national sources and estimates

- › From the total organic areas and the estimate of how much of this was used for feedstuffs, the estimated area for feedstuffs was calculated (Area, EF [ha])
- › From the FAO data on yields in agriculture in general (Yield [t/ha]),<sup>1</sup> the estimated organic yields - 70 percent of the overall/FAO yield - were calculated (Yield, E [t/ha]);
- › In order to calculate the estimated feedstuff production (Production, EF [t]), the calculated feedstuffs area (Area, EF [ha]) was multiplied with the estimated yield (Yield, E [t/ha]).

## Tasks/Questions to be clarified

- › Check if areas, yields and production seem correct.
- › Not for all relevant crops yield information was available from FAO, hence the organic yields could not be calculated – Are these yields available?
- › For the organic yields it was assumed that these would be 70 percent of the total yields, is this correct?
- › For those crop areas, for which no figure for the share of feedstuffs was given, the share of the feedstuff area was assumed to be 50 percent. For fodder crops, it was estimated to be 100 percent. Please check!
- › What still needs to be done: Estimate/calculate exports and imports based on the information gathered in the framework of the mill survey and the feeding practices survey
- › The estimated feedstuff production was calculated by using 70 percent of the total yield and multiplying it with the estimated area for feedstuffs. The production as provided by the Lebensministerium was not used for the calculation of the feedstuff production. Should this be done?

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<sup>1</sup> <http://faostat.fao.org/site/567/default.aspx#ancor>

**Table 1: Austria: Estimated organic area and production for feedstuffs, estimated yields 2010**

Area, share feedstuffs [%]; Yields [t/ha]; ; Yield, E [t/ha]: Ignore crop group total

Level 2	Level 3	Area [ha]	Area fully converted [ha]	Area under conversion [ha]	Area, EF [ha]	Area, share feedstuffs [%]	Production [1000 pieces]	Production [t]	Production, EF [t]	Yield, E [t/ha]
<b>Cereal grains</b>	Barley	10'208.00			8'166.40	80.00		27'725.00	26'295.81	3.22
	Cereal grains, no details	3'677.00			1'838.50	50.00			12'998.20	7.07
	Cereals, mixed	2'581.00			2'581.00	100.00				
	Maize	8'448.00			4'224.00	50.00		53'676.00	31'342.08	7.42
	Oats	6'783.00			3'391.50	50.00		12'813.00	8'783.99	2.59
	Rye	15'117.00			7'558.50	50.00		30'575.00	20'105.61	2.66
	Spelt	7'978.00			3'989.00	50.00		17'839.00		
	Triticale	11'913.00			11'913.00	100.00			41'695.50	3.50
	Wheat	28'741.00			5'748.20	20.00		93'663.00	19'716.33	3.43
<b>Cereal grains total</b>		95'446.00			49'410.10	550.00		236'291.00	160'937.51	29.89
<b>Forages and roughage</b>	Clover/Clover leys	23'337.00			23'337.00	100.00				
	Grass, herbs, legume plants mixed	18'339.00			18'339.00	100.00				
	Lucerne	11'354.00			11'354.00	100.00				
	Maize for silage	2'139.00			2'139.00	100.00			24'106.53	11.27
	Permanent meadows and pastures	343'163.00			343'163.00	100.00				
<b>Forages and roughage total</b>		398'332.00			398'332.00	500.00			24'106.53	11.27
<b>Legume seeds</b>	Chickling vetch	2'428.00			2'428.00	100.00			3'399.20	1.40
	Horse beans	2'952.00			2'952.00	100.00		6'097.00	4'959.36	1.68
	Legume seeds, other/no details	1'081.00			540.50	50.00				
	Lentils	1'903.00			951.50	50.00				
	Peas	4'062.00			2'031.00	50.00		6'709.00	3'269.91	1.61
	Sweet lupin (seeds)	106.00			106.00	100.00			222.60	2.10
<b>Legume seeds total</b>		12'532.00			9'009.00	450.00		12'806.00	11'851.07	6.79
<b>Oil seeds and oil fruits</b>	Linseed	97.00			48.50	50.00			40.74	0.84
	Oil seeds and oil fruits, other	941.00			470.50	50.00			164.68	0.35
	Pumpkin and squash seed	4'078.00			2'039.00	50.00				
	Rape seed	394.00			197.00	50.00			413.70	2.10
	Soya beans	5'883.00			1'764.90	30.00		10'336.00	3'459.20	1.96
	Sunflower seeds	1'671.00			835.50	50.00			1'579.10	1.89
<b>Oil seeds and oil fruits total</b>		13'064.00			5'355.40	280.00		10'336.00	5'657.41	7.14

<b>Tubers and roots</b>	Potatoes	3'053.00	1'526.50	50.00	48'325.00	34'727.88	22.75
	Sugar beet	1'009.00	504.50	50.00		24'826.45	49.21
	Tubers and roots: Other/no details	8.00	4.00	50.00		152.60	38.15
<b>Tubers and roots total</b>		4'070.00	2'035.00	150.00	48'325.00	59'706.92	110.11
<b>Animal products</b>	Milk/milk powder				356'604.00		
	Eggs		0.00	0.00	135'000.28		
<b>Animal products total</b>			0.00	0.00	135'000.28	356'604.00	

**Table 2: Austria: Organic animal husbandry 2010**

Country	Level 1	Level 2	Indicator	Value
Austria	Bovine animals	Cattle aged between 1 and 2 years	Animals [heads]	90'097
		Cattle less than 1 year old	Animals [heads]	110'836
		Cattle of 2 years and over	Animals [heads]	179'848
		Cattle, no details	Animals [heads]	3'778
	Pigs	Breeding sows	Animals, places [no]	4'000
			Animals, replacement rate [percent]	29
		Fattening pigs	Animals, slaughter age [days]	220
			Animals, slaughter weight [kg]	125
			Animals, slaughtered [no]	62'000
			Animals, piglets weaned per sow/year [no]	17
		Pigs, no details	Animals [heads]	6'964
	Poultry	Broilers	Animals, slaughter age [days]	56
			Animals, slaughter weight [kg]	2
			Animals, slaughtered [no]	1'459'000
			Animals, duration laying period [days]	360
		Laying hens	Animals, places [no]	500'000
			Animals, slaughtered [no]	1'256'609
			Animals, slaughter age [days]	56
			Animals, slaughter weight [kg]	2
		Poultry, no details	Animals, slaughtered [no]	1'256'609
		Rearing pullets	Animals, places [no]	180'000

Annotation Austria

Average replacement rate of sows (in percent)	[Percent]	25-33
Average number of piglets weaned per sow/year	[No.]	16-17

# Denmark

For Denmark the data were provided by John E. Hermansen and Klaus Horsted of Aarhus University.

## Information provided, based on national sources and estimates

The following information was provided:

- › Data on the organic area (fully converted and in-conversion, (Area; EF [ha]));
- › An estimate of how much of the organic area is used for feedstuffs;
- › All available data on organic animal husbandry.

## Calculations carried out by FiBL, based on the national sources and estimates

From the total organic areas and the estimate of how much of this was used for feedstuffs, the area for feedstuffs was calculated (Area, EF [ha]).

From the official FAO data on yields in agriculture in general (Yield [t/ha]),<sup>2</sup> the estimated organic yields - 70 percent of the overall/FAO yield - were calculated (Yield, E [t/ha]).

In order to calculate the estimated feedstuff production (Production, EF [t]), the calculated feedstuffs area (Area; EF [ha]) was multiplied with the estimated organic yield (Yield, E [t/ha]).

## Tasks/Questions to be clarified

- › Check if areas, yields and production seem correct.
- › Not for all relevant crops yield information was available from FAO, hence the organic yields could not be calculated – Are these yields available?
- › For the organic yields it was assumed that these would be 70 percent of the total yields. However, it needs to be clarified if there is a difference in yield between the fully converted and in-conversion areas.
- › Is there a yield difference between winter and spring barley (FAO has only „barley“)?
- › What about the carrots and potatoes, are really 100 percent of the Danish organic carrots and potatoes for feed?
- › Estimate/calculate exports and imports based on the information gathered in the framework of the mill survey and the feeding practices survey

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<sup>2</sup> <http://faostat.fao.org/site/567/default.aspx#ancor>



**Table 3: Denmark: Estimated organic area and production for feedstuffs, estimated yields 2010**

Area, share feedstuffs [%]; Yields [t/ha]; Yield, E [t/ha]: Ignore crop group total

Level 2	Level 3	Area [ha]	Area, share feedstuffs [%]	Area, EF [ha]	Production, EF [t]	Yield, E [t/ha]
<b>Cereal grains</b>	Barley	12'366	100	12'366	49'340	4
	Cereal grains, no details	4'432	100	4'432		
	Maize	86	100	86		
	Oats	7'619	100	7'619	25'067	3
	Rye	7'402	100	7'402	27'980	4
	Triticale	1'251	100	1'251	4'641	4
	Wheat	10'562	100	10'562	59'147	6
<b>Cereal grains total</b>		43'718	700	43'718	166'175	20
<b>Forages and roughage</b>	Forages and roughage, other/no details	75'365	100	75'365		
	Maize for silage	6'640	100	6'640		
	Permanent meadows and pastures	21'888	100	21'888		
<b>Forages and roughage total</b>		103'893	300	103'893		
<b>Legume seeds</b>	Horse beans	767	100	767		
	Legume seeds, mixed	4'000	100	4'000		
	Legume seeds, other/no details	1'018	100	1'018		
	Peas	1'492	100	1'492	3'447	2
	Sweet lupin (seeds)	612	100	612		
<b>Legume seeds total</b>		7'889	500	7'889	3'447	2
<b>Oil seeds and oil fruits</b>	Linseed	82	100	82	29	0
	Oil seeds and oil fruits, other	70	100	70		
	Rape seed	522	50	261	713	3
	Soya beans	24	100	24		
	Sunflower seeds	2	100	2		
<b>Oil seeds and oil fruits total</b>		700	450	439	741	3
<b>Tubers and roots</b>	Carrots	729	100	729		
	Potatoes	1'375	100	1'375	40'040	29
	Sugar beet					36
	Tubers and roots: Other/no details	34	100	34	1'100	32
<b>Tubers and roots total</b>		2'138	300	2'138	41'140	97
		158'338	2'250	158'077	211'502	123

Legume seeds, mixed = Grain + max 50% legume seeds

**Table 4: Denmark: Organic animal husbandry 2010**

Level 1	Level 2	Indicator	Value
Bovine animals	Cattle aged between 1 and 2 years	Animals [heads]	67'183
	Cattle less than 1 year old	Animals [heads]	26'383
	Cattle of 2 years and over	Animals [heads]	70'957
Pigs	Breeding sows	Animals, places [no]	5'815
		Animals, replacement rate [percent]	45
	Fattening pigs	Animals, places [no]	91'292
		Animals, slaughter age [days]	163
		Animals, slaughter weight [kg]	105
	Other pigs	Animals, places [no]	82'780
	Piglets	Animals, piglets weaned per sow/year [no]	20
	Poultry	Broilers	Animals, slaughter age [days]
		Animals, slaughter weight [kg]	2'100
		Animals, slaughtered [no]	192'655
Laying hens		Animals, duration laying period [days]	336
		Animals, places [no]	496'915
Other poultry		Animals, slaughtered [no]	97'900
Rearing pullets		Animals, places [no]	387'300

# Lithuania

The data were provided by Virgilijus Skulskis of LAEI.

## Information provided, based on national sources

The following information was provided:

- › Data on the organic area (fully converted and in-conversion, (Area; EF [ha]), based on the data from Ekoagros
- › All available data on organic animal husbandry Ekoagros
- › The organic yields were calculated by FiBL, based on the assumption the organic yields were 70 percent of total yields.

## Calculations carried out by FiBL, based on the national sources and estimates

Due to the lack of information on estimated areas/production of feedstuffs it was not possible to carry out estimates.

## Tasks/Questions to be clarified

- › Is there a difference in yield for in conversion and fully converted.
- › Estimates for feedstuffs, imports and exports of feedstuffs?
- › Check if organic yields seem correct.
- › Not for all relevant crops yield information was available from FAO, hence the organic yields could not be calculated – Are these yields available?
- › For the organic yields it was assumed that these would be 70 percent of the total yields, is this correct?
- › What still needs to be done: Estimate/calculate feedstuff production, exports and imports based on the information gathered in the framework of the mill survey and the feeding practices survey

**Table 5: Lithuania: Organic feedstuff production 2010 – basic data for further calculation**

		Area [ha]	Area fully converted [ha]	Area under conversion [ha]	Yield, E [t/ha]
<b>Cereal grains</b>	Barley	8'094	6'171	1'924	4.3
	Cereal grains, no details	15'200.63	11'045.90	4'154.73	0.35
	Cereals, mixed	102.12	73.02	29.10	1.40
	Maize				3.01
	Millet	17.02	17.02	0.00	
	Oats	10'296.47	7'261.61	3'034.86	1.54
	Rye	17'738.11	14'554.11	3'184.00	1.75
	Spelt	129.62	57.32	72.30	
	Triticale	9'859.36	7'723.52	2'135.84	2.17
	Wheat	12'011.57	8'570.55	3'441.02	2.94
<b>Cereal grains total</b>		73'449.02	55'473.62	17'975.40	17.50
<b>Forages and roughage</b>	Clover/Clover leys	620.33	481.01	139.32	
	Forages and roughage, other/no details	45.51	42.81	2.70	
	Lucerne	28.46	24.11	4.35	
	Maize for silage	100.11	65.05	35.06	
	Permanent meadows and pastures	30'520.84	19'966.26	10'554.58	
	Hay/Silage	68.19	52.29	15.90	
<b>Forages and roughage total</b>		31'383.44	20'631.53	10'751.91	
<b>Legume seeds</b>	Chickling vetch	3.16	3.16	0.00	
	Horse beans	1'576.70	1'374.99	201.71	1.68
	Legume seeds, mixed	218.34	49.84	168.50	
	Legume seeds, other/no details	7.94	7.94	0.00	1.19
	Lentils	10.04	10.04	0.00	
	Peas	10'594.43	9'414.66	1'179.77	1.40
	Sweet lupin (seeds)	6'104.83	4'412.47	1'692.36	0.50
	Vetches	335.58	324.50	11.08	1.19
<b>Legume seeds total</b>		18'851.02	15'597.60	3'253.42	5.96
<b>Oil seeds and oil fruits</b>	Linseed	28.11	28.11	0.00	0.70
	Oil seeds and oil fruits, no det.				0.42
	Oil seeds and oil fruits, other	342.52	238.24	104.28	
	Rape seed	3'344.00	1'719.00	1'625.19	1.54
	Soya beans	0.06	0.06	0.00	
	Sunflower seeds	4.95	4.95	0.00	
<b>Oil seeds and oil fruits total</b>		3'719.64	1'990.36	1'729.47	2.66
<b>Tubers and roots</b>	Carrots	5.00	4.00	1.00	
	Potatoes	319.00	268.00	51.00	9.94
	Sugar beet				31.64
	Tubers and roots: Other	63.76	48.05	15.71	17.08
	Fodder beets	8.09	6.40	1.69	
<b>Tubers and roots total</b>		395.85	326.45	69.40	58.66
		127'798.97	94'019.56	33'779.60	84.78

**Table 6: Lithuania: Organic animal husbandry 2010**

Level 1	Level 2	Indicator	Value
<b>Bovine animals</b>	Cattle aged between 1 and 2 years	Animals [heads]	4'500
	Cattle less than 1 year old	Animals [heads]	6'241
	Cattle of 2 years and over	Animals [heads]	24'668
	Cattle, no details	Animals [heads]	117
<b>Pigs</b>	Breeding sows	Animals, places [no]	86
	Fattening pigs	Animals, places [no]	431
	Other pigs	Animals, places [no]	6
<b>Poultry</b>	Broilers		480
	Laying hens	Animals, places [no]	2'159
	Other poultry		70

# The Netherlands

Information was provided by Monique Bestman of LEI.

## Information provided, based on national sources and estimates

With the first questionnaire the following information was provided by Monique Bestman:

- › Data on the organic area (fully converted and in-conversion, (Are [ha]), based on CBS statline;
- › An estimate of how much of the organic area were used for feedstuffs for some crops (Maize and barley);
- › All available data on organic animal husbandry (CBS statline);

## Calculations carried out by FiBL, based on the national sources and estimates

For 2 crops, the estimated organic yields - 70 percent of the overall/FAO yield - were calculated (Yield, E [t/ha]).

In order to calculate the estimated feedstuff production (Production, EF [t]), the calculated feedstuffs area (Area; EF [ha]) was multiplied with the estimated yield (Yield, E [t/ha]). (Two crops only).

## Tasks/Questions to be clarified

- › Is there a difference in yield for in conversion and fully converted.
- › Estimates for feedstuffs area, production, imports and exports of feedstuffs?
- › Compare organic yields from Eurostat with those that were calculated
- › Not for all relevant crops yield information was available from FAO, hence the organic yields could not be calculated – Are these yields available?
- › For the organic yields it was assumed that these would be 70 percent of the total yields, is this correct?
- › Animals: Difference number of heads and places?

**Table 7: The Netherlands: Organic feedstuff production 2010 – basic data for further calculation**

Level 2	Level 3	Area [ha]	Area, share feedstuffs [%]	Area, EF [ha]	Production, EF [t]	Yield, E [t/ha]
<b>Cereal grains</b>	Barley	707	100	707	3'464	5
	Cereal grains, no details	105				
	Maize	1'299	100	1'299	11'821	9
	Oats	503				4
	Rye	347				3
	Triticale	383				4
	Wheat	2'168				7
<b>Cereal grains total</b>		5'511	200	2'006	15'285	33
<b>Forages and roughage</b>	Forages and roughage, other/no details	1'200				
	Lucerne	1'198				
	Maize for silage	1'124				
	Permanent meadows and pastures	34'914				
<b>Forages and roughage total</b>		38'436				
<b>Legume seeds</b>	Horse beans	706				2
	Legume seeds, other/no details	119				
	Peas	419				3
	Sweet lupin (seeds)	109				
<b>Legume seeds total</b>		1'353				5
<b>Oil seeds and oil fruits</b>	Linseed	28				1
	Rape seed	1				3
	Sunflower seeds	8				
<b>Oil seeds and oil fruits total</b>		37				4
<b>Tubers and roots</b>	Carrots	992				
	Chicory	417				
	Potatoes	1'041				32
	Sugar beet	171				55
	Tubers and roots: Other/no details					43
<b>Tubers and roots total</b>		2'621				131
		47'958		2'006	15'285	173

**Table 8: The Netherlands: Organic animal husbandry 2010**

Level 1	Level 2	Indicator	Value
<b>Bovine animals</b>	Cattle of 2 years and over	Animals [heads]	62'204
	Cattle, no details	Animals [heads]	38'000
<b>Pigs</b>	Breeding sows	Animals, places [no]	4'942
	Fattening pigs	Animals, places [no]	33'000
	Other pigs	Animals, places [no]	67'000
	Pigs, no details	Animals [heads]	57'487
<b>Poultry</b>	Broilers	Animals, slaughter age [days]	80
		Animals, slaughtered [no]	410'000
	Laying hens	Animals, places [no]	2'250'000
	Poultry, no details	Animals [heads]	1'832'940
	Rearing pullets	Animals, places [no]	530'705



**Table 9: AT, DK, LT, NL: Organic feedstuff production 2010 – by country**

Area, share feedstuffs [%]; Yields [t/ha]; ; Yield, E [t/ha]: Ignore crop group total

			Area [ha]	Area fully converted [ha]	Area under conversion [ha]	Area, EF [ha]	Area, share feedstuffs [%]	Production [1000 pieces]	Production [t]	Production, EF [t]	Yield, E [t/ha]
<b>Austria</b>	Cereal grains	Barley	10'208.00			8'166.40	80.00		27'725.00	26'295.81	3.22
		Cereal grains, no details	3'677.00			1'838.50	50.00			12'998.20	7.07
		Cereals, mixed	2'581.00			2'581.00	100.00				
		Maize	8'448.00			4'224.00	50.00		53'676.00	31'342.08	7.42
		Oats	6'783.00			3'391.50	50.00		12'813.00	8'783.99	2.59
		Rye	15'117.00			7'558.50	50.00		30'575.00	20'105.61	2.66
		Spelt	7'978.00			3'989.00	50.00		17'839.00		
		Triticale	11'913.00			11'913.00	100.00			41'695.50	3.50
		Wheat	28'741.00			5'748.20	20.00		93'663.00	19'716.33	3.43
	Cereal grains total		95'446.00			49'410.10	550.00		236'291.00	160'937.51	29.89
	Forages and roughage	Clover/Clover leys	23'337.00			23'337.00	100.00				
		Grass, herbs, legume plants mixed	18'339.00			18'339.00	100.00				
		Lucerne	11'354.00			11'354.00	100.00				
		Maize for silage	2'139.00			2'139.00	100.00			24'106.53	11.27
		Permanent meadows and pastures	343'163.00			343'163.00	100.00				
	Forages and roughage total		398'332.00			398'332.00	500.00			24'106.53	11.27
	Legume seeds	Chickling vetch	2'428.00			2'428.00	100.00			3'399.20	1.40
		Horse beans	2'952.00			2'952.00	100.00		6'097.00	4'959.36	1.68
		Legume seeds, other/no details	1'081.00			540.50	50.00				
		Lentils	1'903.00			951.50	50.00				
		Peas	4'062.00			2'031.00	50.00		6'709.00	3'269.91	1.61

		Area [ha]	Area fully converted [ha]	Area under conversion [ha]	Area, EF [ha]	Area, share feedstuffs [%]	Production [1000 pieces]	Production [t]	Production, EF [t]	Yield, E [t/ha]
	Sweet lupin (seeds)	106.00			106.00	100.00			222.60	2.10
	Legume seeds total	12'532.00			9'009.00	450.00		12'806.00	11'851.07	6.79
	Oil seeds and oil fruits	97.00			48.50	50.00			40.74	0.84
	Oil seeds and oil fruits, other	941.00			470.50	50.00			164.68	0.35
	Pumpkin and squash seed	4'078.00			2'039.00	50.00				
	Rape seed	394.00			197.00	50.00			413.70	2.10
	Soya beans	5'883.00			1'764.90	30.00		10'336.00	3'459.20	1.96
	Sunflower seeds	1'671.00			835.50	50.00			1'579.10	1.89
	Oil seeds and oil fruits total	13'064.00			5'355.40	280.00		10'336.00	5'657.41	7.14
	Tubers and roots	3'053.00			1'526.50	50.00		48'325.00	34'727.88	22.75
	Sugar beet	1'009.00			504.50	50.00			24'826.45	49.21
	Tubers and roots: Other/no details	8.00			4.00	50.00			152.60	38.15
	Tubers and roots total	4'070.00			2'035.00	150.00		48'325.00	59'706.92	110.11
	Animal products							356'604.00		
	Eggs				0.00	0.00	135'000.28			
	Animal products total				0.00	0.00	135'000.28	356'604.00		
<b>Austria Total</b>		523'444.00			464'141.50	1'930.00	135'000.28	664'362.00	262'259.44	165.20
<b>Denmark</b>	Cereal grains									
	Barley	12'366.00	10'863.00	1'437.00	12'366.00	100.00			49'340.30	3.99
	Cereal grains, no details	4'432.00	3'949.00	483.00	4'432.00	100.00				
	Maize	86.00			86.00	100.00				
	Oats	7'619.00	6'927.00	692.00	7'619.00	100.00			25'066.50	3.29
	Rye	7'402.00	6'603.00	799.00	7'402.00	100.00			27'979.56	3.78

		Area [ha]	Area fully converted [ha]	Area under conversion [ha]	Area, EF [ha]	Area, share feedstuffs [%]	Production [1000 pieces]	Production [t]	Production, EF [t]	Yield, E [t/ha]
	Triticale	1'251.00	1'072.00	179.00	1'251.00	100.00			4'641.21	3.71
	Wheat	10'562.00	9'753.00	809.00	10'562.00	100.00			59'147.20	5.60
	Cereal grains total	43'718.00	39'167.00	4'399.00	43'718.00	700.00			166'174.77	20.37
	Forages and roughage									
	Forages and roughage, other/no details	75'365.00	67'298.00	8'067.00	75'365.00	100.00				
	Maize for silage	6'640.00	5'682.00	958.00	6'640.00	100.00				
	Permanent meadows and pastures	21'888.00	19'728.00	2'160.00	21'888.00	100.00				
	Forages and roughage total	103'893.00	92'708.00	11'185.00	103'893.00	300.00				
	Legume seeds									
	Horse beans	767.00	574.00	193.00	767.00	100.00				
	Legume seeds, mixed	4'000.00	3'592.00	408.00	4'000.00	100.00				
	Legume seeds, other/no details	1'018.00	35.00	983.00	1'018.00	100.00				
	Peas	1'492.00	1'169.00	323.00	1'492.00	100.00			3'446.52	2.31
	Sweet lupin (seeds)	612.00	562.00	50.00	612.00	100.00				
	Legume seeds total	7'889.00	5'932.00	1'957.00	7'889.00	500.00			3'446.52	2.31
	Oil seeds and oil fruits									
	Linseed	82.00	82.00	0.00	82.00	100.00			28.70	0.35
	Oil seeds and oil fruits, other	70.00	59.00	11.00	70.00	100.00				
	Rape seed	522.00	230.50	30.50	261.00	50.00			712.53	2.73
	Soya beans	24.00	24.00	0.00	24.00	100.00				
	Sunflower seeds	2.00	2.00	0.00	2.00	100.00				
	Oil seeds and oil fruits total	700.00	397.50	41.50	439.00	450.00			741.23	3.08
	Tubers and roots									
	Carrots	729.00	725.00	4.00	729.00	100.00				
	Potatoes	1'375.00	1'339.00	36.00	1'375.00	100.00			40'040.00	29.12

			Area [ha]	Area fully converted [ha]	Area under conversion [ha]	Area, EF [ha]	Area, share feedstuffs [%]	Production [1000 pieces]	Production [t]	Production, EF [t]	Yield, E [t/ha]
Sugar beet											35.84
Tubers and roots: Other/no details			34.00	28.00	6.00	34.00	100.00			1'099.56	32.34
Tubers and roots total			2'138.00	2'092.00	46.00	2'138.00	300.00			41'139.56	97.30
<b>Denmark Total</b>			158'338.00	140'296.50	17'628.50	158'077.00	2'250.00			211'502.08	123.06
<b>Lithuania</b>	Cereal grains	Barley	8'094.12	6'170.57	1'923.55						4.34
		Cereal grains, no details	15'200.63	11'045.90	4'154.73						0.35
		Cereals, mixed	102.12	73.02	29.10						1.40
	Maize										3.01
	Millet		17.02	17.02	0.00						
	Oats		10'296.47	7'261.61	3'034.86						1.54
	Rye		17'738.11	14'554.11	3'184.00						1.75
	Spelt		129.62	57.32	72.30						
	Triticale		9'859.36	7'723.52	2'135.84						2.17
	Wheat		12'011.57	8'570.55	3'441.02						2.94
	Cereal grains total		73'449.02	55'473.62	17'975.40						17.50
	Forages and roughage	Clover/Clover leys	620.33	481.01	139.32						
		Forages and roughage, other/no details	45.51	42.81	2.70						
		Lucerne	28.46	24.11	4.35						
		Maize for silage	100.11	65.05	35.06						
		Permanent meadows and pastures	30'520.84	19'966.26	10'554.58						
		Hay/Silage	68.19	52.29	15.90						
	Forages and roughage total		31'383.44	20'631.53	10'751.91						
	Legume seeds	Chickling vetch	3.16	3.16	0.00						

		Area [ha]	Area fully converted [ha]	Area under conversion [ha]	Area, EF [ha]	Area, share feedstuffs [%]	Production [1000 pieces]	Production [t]	Production, EF [t]	Yield, E [t/ha]
	Horse beans	1'576.70	1'374.99	201.71						1.68
	Legume seeds, mixed	218.34	49.84	168.50						
	Legume seeds, other/no details	7.94	7.94	0.00						1.19
	Lentils	10.04	10.04	0.00						
	Peas	10'594.43	9'414.66	1'179.77						1.40
	Sweet lupin (seeds)	6'104.83	4'412.47	1'692.36						0.50
	Vetches	335.58	324.50	11.08						1.19
	Legume seeds total	18'851.02	15'597.60	3'253.42						5.96
	Oil seeds and oil fruits									
	Linseed	28.11	28.11	0.00						0.70
	Oil seeds and oil fruits, no details									0.42
	Oil seeds and oil fruits, other	342.52	238.24	104.28						
	Rape seed	3'344.00	1'719.00	1'625.19						1.54
	Soya beans	0.06	0.06	0.00						
	Sunflower seeds	4.95	4.95	0.00						
	Oil seeds and oil fruits total	3'719.64	1'990.36	1'729.47						2.66
	Tubers and roots									
	Carrots	5.00	4.00	1.00						
	Potatoes	319.00	268.00	51.00						9.94
	Sugar beet									31.64
	Tubers and roots: Other/no details	63.76	48.05	15.71						17.08
	Fodder beets	8.09	6.40	1.69						
	Tubers and roots total	395.85	326.45	69.40						58.66
<b>Lithuania Total</b>		127'798.97	94'019.56	33'779.60						84.78

			Area [ha]	Area fully converted [ha]	Area under conversion [ha]	Area, EF [ha]	Area, share feedstuffs [%]	Production [1000 pieces]	Production [t]	Production, EF [t]	Yield, E [t/ha]
Netherlands	Cereal grains	Barley	707.00	657.00	50.00	707.00	100.00			3'464.30	4.90
		Cereal grains, no details	104.70	104.70	0.00						
		Maize	1'299.00	1'299.00		1'299.00	100.00			11'820.90	9.10
		Oats	502.60	497.00	6.00						4.20
		Rye	346.90	337.00	10.00						3.43
		Triticale	383.10	383.00	0.00						4.41
		Wheat	2'168.10	1'991.00	177.00						6.51
		Cereal grains total	5'511.40	5'268.70	243.00	2'006.00	200.00			15'285.20	32.55
	Forages and roughage	Forages and roughage, other/no details	1'200.00	1'100.00	100.00						
		Lucerne	1'198.30	1'198.30	0.00						
		Maize for silage	1'123.90	1'054.00	70.00						
		Permanent meadows and pastures	34'914.00	32'914.00	2'000.00						
		Forages and roughage total	38'436.20	36'266.30	2'170.00						
	Legume seeds	Horse beans	705.90	705.90	0.00						2.03
		Legume seeds, other/no details	119.00								
		Peas	419.30								3.36
		Sweet lupin (seeds)	108.50	108.50	0.00						
		Legume seeds total	1'352.70	814.40	0.00						5.39
	Oil seeds and oil fruits	Linseed	28.00								0.70
		Rape seed	1.00	1.00	0.00						3.22
		Sunflower seeds	8.10	8.10							
		Oil seeds and oil fruits total	37.10	9.10	0.00						3.92

		Area [ha]	Area fully converted [ha]	Area under conversion [ha]	Area, EF [ha]	Area, share feedstuffs [%]	Production [1000 pieces]	Production [t]	Production, EF [t]	Yield, E [t/ha]
Tubers and roots	Carrots	992.00	992.00							
	Chicory	417.10	417.10							
	Potatoes	1'040.90	1'031.00	10.00						32.41
	Sugar beet	170.90	111.00	60.00						55.23
	Tubers and roots: Other/no details									43.12
Tubers and roots total		2'620.90	2'551.10	70.00						130.76
<b>Netherlands Total</b>		47'958.30	44'909.60	2'483.00	2'006.00	200.00			15'285.20	172.62

**Table 10: AT, DK, LT, NL: Organic feedstuff production 2010 – indicators compared (total and organic)**

Indicator	Level 2	Level 3	Total				Organic			
			Austria	Denmark	Lithuania	Netherlands	Austria	Denmark	Lithuania	Netherlands
<b>Area [ha]</b>	Cereal grains	Barley	181'525.00	593'000.00	277'400.00	44'500.00	10'208.00	12'366.00	8'094.12	707.00
		Cereal grains, no details	31'529.00		200.00		3'677.00	4'432.00	15'200.63	104.70
		Cereals, mixed					2'581.00		102.12	
		Maize	178'500.00		5'500.00	18'800.00	8'448.00	86.00		1'299.00
		Millet	4'295.00						17.02	
		Oats	26'558.00	66'900.00	63'800.00	1'600.00	6'783.00	7'619.00	10'296.47	502.60
		Rye	48'528.00	44'300.00	82'200.00	2'300.00	15'117.00	7'402.00	17'738.11	346.90
		Spelt					7'978.00		129.62	
		Triticale	50'640.00	44'400.00	136'100.00	2'700.00	11'913.00	1'251.00	9'859.36	383.10
		Wheat	309'034.00	739'100.00	500'000.00	150'900.00	28'741.00	10'562.00	12'011.57	2'168.10
	Cereal grains total		830'609.00	1'487'700.00	1'065'200.00	220'800.00	95'446.00	43'718.00	73'449.02	5'511.40
	Forages and roughage	Clover/Clover leys					23'337.00		620.33	
		Forages and roughage, other/no details						75'365.00	45.51	1'200.00
		Grass, herbs, legume plants mixed					18'339.00			
		Lucerne					11'354.00		28.46	1'198.30
		Maize for silage	864.00				2'139.00	6'640.00	100.11	1'123.90
		Permanent meadows and pastures					343'163.00	21'888.00	30'520.84	34'914.00
		Hay/Silage							68.19	
	Forages and roughage total		864.00				398'332.00	103'893.00	31'383.44	38'436.20
	Legume seeds	Chickling vetch					2'428.00		3.16	
		Horse beans	2'819.00			2'667.00	2'952.00	767.00	1'576.70	705.90



Indicator	Level 2	Level 3	Total				Organic			
			Austria	Denmark	Lithuania	Netherlands	Austria	Denmark	Lithuania	Netherlands
		Legume seeds			2'100.00	1'200.00				
		Legume seeds, mixed						4'000.00	218.34	
		Legume seeds, other/no details					1'081.00	1'018.00	7.94	119.00
		Lentils					1'903.00		10.04	
		Peas	15'168.00	5'600.00	25'200.00	1'200.00	4'062.00	1'492.00	10'594.43	419.30
		Sweet lupin (seeds)	207.00		10'400.00		106.00	612.00	6'104.83	108.50
		Vetches	1'593.00		900.00				335.58	
	Legume seeds total		19'787.00	5'600.00	38'600.00	5'067.00	12'532.00	7'889.00	18'851.02	1'352.70
	Oil seeds and oil fruits	Linseed	535.00	91.00	200.00	2'817.00	97.00	82.00	28.11	28.00
		Oil seeds and oil fruits, no details		25.00	1'098.00					
		Oil seeds and oil fruits, other	23'179.00				941.00	70.00	342.52	
		Pumpkin and squash seed					4'078.00			
		Rape seed	56'933.00	163'100.00	191'900.00	2'600.00	394.00	522.00	3'344.00	1.00
		Soya beans	25'321.00				5'883.00	24.00	0.06	
		Sunflower seeds	25'870.00				1'671.00	2.00	4.95	8.10
	Oil seeds and oil fruits total		131'838.00	163'216.00	193'198.00	5'417.00	13'064.00	700.00	3'719.64	37.10
	Tubers and roots	Carrots						729.00	5.00	992.00
		Chicory								417.10
		Potatoes	22'222.00	38'900.00	46'600.00	155'200.00	3'053.00	1'375.00	319.00	1'040.90
		Sugar beet	43'860.00	37'074.00	15'100.00	72'700.00	1'009.00			170.90
		Tubers and roots: Other/no details	1'534.00	1'566.00	2'614.00	9'100.00	8.00	34.00	63.76	
		Fodder beets							8.09	
	Tubers and roots total		67'616.00	77'540.00	64'314.00	237'000.00	4'070.00	2'138.00	395.85	2'620.90
<b>Area fully converted [ha]</b>	Cereal grains	Barley						10'863.00	6'170.57	657.00
		Cereal grains, no details						3'949.00	11'045.90	104.70

Indicator	Level 2	Level 3	Total				Organic			
			Austria	Denmark	Lithuania	Netherlands	Austria	Denmark	Lithuania	Netherlands
		Cereals, mixed							73.02	
		Maize								1'299.00
		Millet							17.02	
		Oats						6'927.00	7'261.61	497.00
		Rye						6'603.00	14'554.11	337.00
		Spelt							57.32	
		Triticale						1'072.00	7'723.52	383.00
		Wheat						9'753.00	8'570.55	1'991.00
	Cereal grains total							39'167.00	55'473.62	5'268.70
	Forages and roughage	Clover/Clover leys							481.01	
		Forages and roughage, other/no details						67'298.00	42.81	1'100.00
		Lucerne							24.11	1'198.30
		Maize for silage						5'682.00	65.05	1'054.00
		Permanent meadows and pastures						19'728.00	19'966.26	32'914.00
		Hay/Silage							52.29	
	Forages and roughage total							92'708.00	20'631.53	36'266.30
	Legume seeds	Chickling vetch							3.16	
		Horse beans						574.00	1'374.99	705.90
		Legume seeds, mixed						3'592.00	49.84	
		Legume seeds, other/no details						35.00	7.94	
		Lentils							10.04	
		Peas						1'169.00	9'414.66	
		Sweet lupin (seeds)						562.00	4'412.47	108.50
		Vetches							324.50	
	Legume seeds total							5'932.00	15'597.6	814.40

Indicator	Level 2	Level 3	Total				Organic			
			Austria	Denmark	Lithuania	Netherlands	Austria	Denmark	Lithuania	Netherlands
									0	
	Oil seeds and oil fruits	Linseed						82.00	28.11	
		Oil seeds and oil fruits, other						59.00	238.24	
		Rape seed						230.50	1'719.00	1.00
		Soya beans						24.00	0.06	
		Sunflower seeds						2.00	4.95	8.10
	Oil seeds and oil fruits total							397.50	1'990.36	9.10
	Tubers and roots	Carrots						725.00	4.00	992.00
		Chicory								417.10
		Potatoes						1'339.00	268.00	1'031.00
		Sugar beet								111.00
		Tubers and roots: Other/no details						28.00	48.05	
		Fodder beets							6.40	
	Tubers and roots total							2'092.00	326.45	2'551.10
Area under conversion [ha]	Cereal grains	Barley						1'437.00	1'923.55	50.00
		Cereal grains, no details						483.00	4'154.73	0.00
		Cereals, mixed							29.10	
		Millet							0.00	
		Oats						692.00	3'034.86	6.00
		Rye						799.00	3'184.00	10.00
		Spelt							72.30	
		Triticale						179.00	2'135.84	0.00
		Wheat						809.00	3'441.02	177.00
		Cereal grains total						4'399.00	17'975.40	243.00
	Forages and roughage	Clover/Clover leys							139.32	
		Forages and roughage, other/no						8'067.00	2.70	100.00

Indicator	Level 2	Level 3	Total				Organic			
			Austria	Denmark	Lithuania	Netherlands	Austria	Denmark	Lithuania	Netherlands
		details								
		Lucerne							4.35	0.00
		Maize for silage						958.00	35.06	70.00
		Permanent meadows and pastures						2'160.00	10'554.58	2'000.00
		Hay/Silage							15.90	
	Forages and roughage total							11'185.00	10'751.91	2'170.00
	Legume seeds	Chickling vetch							0.00	
		Horse beans						193.00	201.71	0.00
		Legume seeds, mixed						408.00	168.50	
		Legume seeds, other/no details						983.00	0.00	
		Lentils							0.00	
		Peas						323.00	1'179.77	
		Sweet lupin (seeds)						50.00	1'692.36	0.00
		Vetches							11.08	
	Legume seeds total							1'957.00	3'253.42	0.00
	Oil seeds and oil fruits	Linseed						0.00	0.00	
		Oil seeds and oil fruits, other						11.00	104.28	
		Rape seed						30.50	1'625.19	0.00
		Soya beans						0.00	0.00	
		Sunflower seeds						0.00	0.00	
	Oil seeds and oil fruits total							41.50	1'729.47	0.00
	Tubers and roots	Carrots						4.00	1.00	
		Chicory								
		Potatoes						36.00	51.00	10.00
		Sugar beet								60.00
		Tubers and roots: Other/no details						6.00	15.71	

Indicator	Level 2	Level 3	Total				Organic			
			Austria	Denmark	Lithuania	Netherlands	Austria	Denmark	Lithuania	Netherlands
		Fodder beets							1.69	
	Tubers and roots total							46.00	69.40	70.00
<b>Area, EF [ha]</b>	Cereal grains	Barley					8'166.40	12'366.00		707.00
		Cereal grains, no details					1'838.50	4'432.00		
		Cereals, mixed					2'581.00			
		Maize					4'224.00	86.00		1'299.00
		Oats					3'391.50	7'619.00		
		Rye					7'558.50	7'402.00		
		Spelt					3'989.00			
		Triticale					11'913.00	1'251.00		
		Wheat					5'748.20	10'562.00		
	Cereal grains total						49'410.10	43'718.00		2'006.00
	Forages and roughage	Clover/Clover leys					23'337.00			
		Forages and roughage, other/no details						75'365.00		
		Grass, herbs, legume plants mixed					18'339.00			
		Lucerne					11'354.00			
		Maize for silage					2'139.00	6'640.00		
		Permanent meadows and pastures					343'163.00	21'888.00		
	Forages and roughage total						398'332.00	103'893.00		
	Legume seeds	Chickling vetch					2'428.00			
		Horse beans					2'952.00	767.00		
		Legume seeds, mixed						4'000.00		
		Legume seeds, other/no details					540.50	1'018.00		
		Lentils					951.50			
		Peas					2'031.00	1'492.00		
		Sweet lupin (seeds)					106.00	612.00		

Indicator	Level 2	Level 3	Total				Organic			
			Austria	Denmark	Lithuania	Netherlands	Austria	Denmark	Lithuania	Netherlands
	Legume seeds total						9'009.00	7'889.00		
	Oil seeds and oil fruits	Linseed					48.50	82.00		
		Oil seeds and oil fruits, other					470.50	70.00		
		Pumpkin and squash seed					2'039.00			
		Rape seed					197.00	261.00		
		Soya beans					1'764.90	24.00		
		Sunflower seeds					835.50	2.00		
	Oil seeds and oil fruits total						5'355.40	439.00		
	Tubers and roots	Carrots						729.00		
		Potatoes					1'526.50	1'375.00		
		Sugar beet					504.50			
		Tubers and roots: Other/no details					4.00	34.00		
	Tubers and roots total						2'035.00	2'138.00		
	Animal products	Eggs					0.00			
	Animal products total						0.00			
<b>Area, share feedstuffs [%]</b>	Cereal grains	Barley					80.00	100.00		100.00
		Cereal grains, no details					50.00	100.00		
		Cereals, mixed					100.00			
		Maize					50.00	100.00		100.00
		Oats					50.00	100.00		
		Rye					50.00	100.00		
		Spelt					50.00			
		Triticale					100.00	100.00		
		Wheat					20.00	100.00		
	Cereal grains total						550.00	700.00		200.00
	Forages and roughage	Clover/Clover leys					100.00			
		Forages and roughage, other/no details						100.00		

Indicator	Level 2	Level 3	Total				Organic			
			Austria	Denmark	Lithuania	Netherlands	Austria	Denmark	Lithuania	Netherlands
		Grass, herbs, legume plants mixed					100.00			
		Lucerne					100.00			
		Maize for silage					100.00	100.00		
		Permanent meadows and pastures					100.00	100.00		
	Forages and roughage total						500.00	300.00		
	Legume seeds	Chickling vetch					100.00			
		Horse beans					100.00	100.00		
		Legume seeds, mixed						100.00		
		Legume seeds, other/no details					50.00	100.00		
		Lentils					50.00			
		Peas					50.00	100.00		
		Sweet lupin (seeds)					100.00	100.00		
	Legume seeds total						450.00	500.00		
	Oil seeds and oil fruits	Linseed					50.00	100.00		
		Oil seeds and oil fruits, other					50.00	100.00		
		Pumpkin and squash seed					50.00			
		Rape seed					50.00	50.00		
		Soya beans					30.00	100.00		
		Sunflower seeds					50.00	100.00		
	Oil seeds and oil fruits total						280.00	450.00		
	Tubers and roots	Carrots						100.00		
		Potatoes					50.00	100.00		
		Sugar beet					50.00			
		Tubers and roots: Other/no details					50.00	100.00		
	Tubers and roots total						150.00	300.00		
	Animal products	Eggs					0.00			
	Animal products total						0.00			

Indicator	Level 2	Level 3	Total				Organic			
			Austria	Denmark	Lithuania	Netherlands	Austria	Denmark	Lithuania	Netherlands
<b>Production [1000 pieces]</b>	Animal products	Eggs					135'000.28			
	Animal products total						135'000.28			
<b>Production [t]</b>	Cereal grains	Barley	835'107.00	3'393'800.00	858'200.00	309'600.00	27'725.00			
		Cereal grains, no details	317'358.00		100.00					
		Maize	1'890'500.00		23'800.00	244'900.00	53'676.00			
		Millet	8'500.00							
		Oats	98'596.00	315'200.00	142'500.00	9'600.00	12'813.00			
		Rye	183'642.00	238'100.00	207'900.00	11'200.00	30'575.00			
		Spelt					17'839.00			
		Triticale	254'451.00	233'100.00	426'000.00	17'000.00				
		Wheat	1'523'370.00	5'940'400.00	2'100'200.00	1'402'000.00	93'663.00			
	Cereal grains total		5'111'524.00	10'120'600.00	3'758'700.00	1'994'300.00	236'291.00			
	Forages and roughage	Maize for silage	13'948.00							
	Forages and roughage total		13'948.00							
	Legume seeds	Horse beans	6'728.00			2'000.00	6'097.00			
		Legume seeds			5'100.00	3'450.00				
		Peas	34'749.00	18'400.00	50'300.00	5'700.00	6'709.00			
		Sweet lupin (seeds)	621.00		10'600.00					
		Vetches	3'185.00		1'500.00					
	Legume seeds total		45'283.00	18'400.00	67'500.00	11'150.00	12'806.00			
	Oil seeds and oil fruits	Linseed	642.00	50.00	200.00	2'779.00				
		Oil seeds and oil fruits, no details		30.00	713.00					
		Oil seeds and oil fruits, other	11'185.00							
		Rape seed	171'073.00	634'800.00	415'800.00	12'000.00				



Indicator	Level 2	Level 3	Total	Denmark	Lithuania	Netherlands	Organic			
			Austria				Austria	Denmark	Lithuania	Netherlands
		Soya beans	71'333.00				10'336.00			
		Sunflower seeds	71'012.00							
	Oil seeds and oil fruits total		325'245.00	634'880.00	416'713.00	14'779.00	10'336.00			
	Tubers and roots	Potatoes	722'098.00	1'617'700.00	662'500.00	7'181'000.00	48'325.00			
		Sugar beet	3'083'140.00	1'898'200.00	682'000.00	5'735'000.00				
		Tubers and roots: Other/no details	83'587.00	72'288.00	63'716.00	561'000.00				
	Tubers and roots total		3'888'825.00	3'588'188.00	1'408'216.00	13'477'000.00	48'325.00			
	Animal products	Milk/milk powder					356'604.00			
	Animal products total						356'604.00			
Production, EF [t]	Cereal grains	Barley					26'295.81	49'340.30		3'464.30
		Cereal grains, no details					12'998.20			
		Maize					31'342.08			11'820.90
		Oats					8'783.99	25'066.50		
		Rye					20'105.61	27'979.56		
		Triticale					41'695.50	4'641.21		
		Wheat					19'716.33	59'147.20		
	Cereal grains total						160'937.51	166'174.77		15'285.20
	Forages and roughage	Maize for silage					24'106.53			
	Forages and roughage total						24'106.53			
	Legume seeds	Chickling vetch					3'399.20			
		Horse beans					4'959.36			
		Peas					3'269.91	3'446.52		
		Sweet lupin (seeds)					222.60			

Indicator	Level 2	Level 3	Total				Organic			
			Austria	Denmark	Lithuania	Netherlands	Austria	Denmark	Lithuania	Netherlands
	Legume seeds total						11'851.07	3'446.52		
	Oil seeds and oil fruits	Linseed					40.74	28.70		
		Oil seeds and oil fruits, other					164.68			
		Rape seed					413.70	712.53		
		Soya beans					3'459.20			
		Sunflower seeds					1'579.10			
	Oil seeds and oil fruits total						5'657.41	741.23		
	Tubers and roots	Potatoes					34'727.88	40'040.00		
		Sugar beet					24'826.45			
		Tubers and roots: Other/no details					152.60	1'099.56		
	Tubers and roots total						59'706.92	41'139.56		
<b>Yield, E [t/ha]</b>	Cereal grains	Barley					3.22	3.99	4.34	4.90
		Cereal grains, no details					7.07		0.35	
		Cereals, mixed							1.40	
		Maize					7.42		3.01	9.10
		Oats					2.59	3.29	1.54	4.20
		Rye					2.66	3.78	1.75	3.43
		Triticale					3.50	3.71	2.17	4.41
		Wheat					3.43	5.60	2.94	6.51
	Cereal grains total						29.89	20.37	17.50	32.55
	Forages and roughage	Maize for silage					11.27			
	Forages and roughage total						11.27			
	Legume seeds	Chickling vetch					1.40			
		Horse beans					1.68		1.68	2.03
		Legume seeds, other/no details							1.19	
		Peas					1.61	2.31	1.40	3.36
		Sweet lupin (seeds)					2.10		0.50	

Indicator	Level 2	Level 3	Total				Organic			
			Austria	Denmark	Lithuania	Netherlands	Austria	Denmark	Lithuania	Netherlands
		Vetches							1.19	
	Legume seeds total						6.79	2.31	5.96	5.39
	Oil seeds and oil fruits	Linseed					0.84	0.35	0.70	0.70
		Oil seeds and oil fruits, no details							0.42	
		Oil seeds and oil fruits, other					0.35			
		Rape seed					2.10	2.73	1.54	3.22
		Soya beans					1.96			
		Sunflower seeds					1.89			
	Oil seeds and oil fruits total						7.14	3.08	2.66	3.92
	Tubers and roots	Potatoes					22.75	29.12	9.94	32.41
		Sugar beet					49.21	35.84	31.64	55.23
		Tubers and roots: Other/no details					38.15	32.34	17.08	43.12
	Tubers and roots total						110.11	97.30	58.66	130.76
<b>Yields [t/ha]</b>	Cereal grains	Barley	4.60	5.70	6.20	7.00				
		Cereal grains, no details	10.10		0.50					
		Cereals, mixed			2.00					
		Maize	10.60		4.30	13.00				
		Oats	3.70	4.70	2.20	6.00				
		Rye	3.80	5.40	2.50	4.90				
		Triticale	5.00	5.30	3.10	6.30				
		Wheat	4.90	8.00	4.20	9.30				
	Cereal grains total		42.70	29.10	25.00	46.50				
	Forages and roughage	Maize for silage	16.10							
	Forages and roughage total		16.10							
	Legume seeds	Chickling vetch	2.00							
		Horse beans	2.40		2.40	2.90				
		Legume seeds, other/no details			1.70	2.20				

Indicator	Level 2	Level 3	Total	Denmark	Lithuania	Netherlands	Organic			
			Austria				Austria	Denmark	Lithuania	Netherlands
		Peas	2.30	3.30	2.00	4.80				
		Sweet lupin (seeds)	3.00		1.00					
		Vetches			1.70					
	Legume seeds total		9.70	3.30	8.80	9.90				
	Oil seeds and oil fruits	Linseed	1.20	0.50	1.00	1.00				
		Oil seeds and oil fruits, no details			0.60					
		Oil seeds and oil fruits, other	0.50	1.20						
		Rape seed	3.00	3.90	2.20	4.60				
		Soya beans	2.80							
		Sunflower seeds	2.70							
	Oil seeds and oil fruits total		10.20	5.60	3.80	5.60				
	Tubers and roots	Potatoes	32.50	41.60	14.20	46.30				
		Sugar beet	70.30	51.20	45.20	78.90				
		Tubers and roots: Other/no details	54.50	46.20	24.40	61.60				
	Tubers and roots total		157.30	139.00	83.80	186.80				

**Table 11: AT, DK, LT, NL: Organic animal husbandry production 2010**

			Austria	Denmark	Lithuania	Netherlands
<b>Bovine animals</b>	Cattle aged between 1 and 2 years	Animals [heads]	90'097	67'183	4'500	
	Cattle less than 1 year old	Animals [heads]	110'836	26'383	6'241	
	Cattle of 2 years and over	Animals [heads]	179'848	70'957	24'668	62'204
	Cattle, no details	Animals [heads]	3'778		117	38'000
<b>Pigs</b>	Breeding sows	Animals, places [no]	4'000	5'815	86	4'942
		Animals, replacement rate [percent]	29	45		
	Fattening pigs	Animals, places [no]		91'292	431	33'000
		Animals, slaughter age [days]	220	163		
		Animals, slaughter weight [kg]	125	105		
			62'000			
	Other pigs	Animals, places [no]		82'780	6	67'000
	Piglets	Animals, piglets weaned per sow/year [no]	17	20		
	Pigs, no details	Animals [heads]	6'964			57'487
<b>Poultry</b>	Broilers	Animals, slaughter age [days]	56	60		80
		Animals, slaughter weight [kg]	2	2		
			1'459'000	192'655	480	410'000
	Laying hens	Animals, duration laying period [days]	360	336		
		Animals, places [no]	500'000	496'915	2'159	2'250'000
	Other poultry			97'900	70	
	Poultry, no details	Animals [heads]				1'832'940
			1'256'609			
	Rearing pullets	Animals, places [no]	180'000	387'300		530'705

**Table 12: Data sources**

Country	Indicator	Source	Source description
<b>Austria</b>	Area [ha]	Lebensministerium	Source: Grüner Bericht, Lebensministerium. Provided by Werner Zollitsch, BOKU, Vienna, for the ICOPP project
	Area, share feedstuffs [%]	BOKU estimate	Estimate by Werner Zollitsch of BOKU, Vienna, Austria
	Area, EF [ha]	FiBL estimate	FiBL estimate, based on the estimate by Werner Zollitsch of BOKU of how much of the individual crop areas is for feedstuffs
	Production [1000 pieces]	Lebensministerium	Source: Grüner Bericht, Lebensministerium. Provided by Werner Zollitsch, BOKU, Vienna, for the ICOPP project
	Production [t]	Lebensministerium	Source: Grüner Bericht, Lebensministerium. Provided by Werner Zollitsch, BOKU, Vienna, for the ICOPP project
	Production, EF [t]	FiBL estimate	FiBL estimate, based on the estimate by Werner Zollitsch of BOKU of how much of the individual crop areas is for feedstuffs; FiBL estimate, based on the assumption that the organic yields are 70 percent of the total yields (as provided by FAOSTAT)
	Yield, E [t/ha]	FiBL estimate	FiBL estimate, based on the assumption that the organic yields are 70 percent of the total yields (as provided by FAOSTAT)
<b>Denmark</b>	Area [ha]	Aarhus University	Aarhus University (2012): Data on organic feedstuffs from Denmark. Compiled by John E. Hermansen and Claus Horsted. Aarhus University. Mail of March 27, 2012
	Area fully converted [ha]	Aarhus University	Aarhus University (2012): Data on organic feedstuffs from Denmark. Compiled by John E. Hermansen and Claus Horsted. Aarhus University. Mail of March 27, 2012
	Area under conversion [ha]	Aarhus University	Aarhus University (2012): Data on organic feedstuffs from Denmark. Compiled by John E. Hermansen and Claus Horsted. Aarhus University. Mail of March 27, 2012
	Area, share feedstuffs [%]	Aarhus University	Aarhus University (2012): Data on organic feedstuffs from Denmark. Compiled by John E. Hermansen and Claus Horsted. Aarhus University. Mail of March 27, 2012
	Area, EF [ha]	Aarhus University	Aarhus University (2012): Data on organic feedstuffs from Denmark. Compiled by John E. Hermansen and Claus Horsted. Aarhus University. Mail of March 27, 2012
	Production, EF [t]	FiBL estimate	FiBL estimate: For production: Area multiplied with estimated yield. Estimate yield = 70 % of yields provided FAOSTAT
	Production, no. per hen and laying period [no.]	Aarhus University	Aarhus University (2012): Data on organic feedstuffs from Denmark. Compiled by John E. Hermansen and Claus Horsted. Aarhus University. Mail of March 27, 2012
	Yield, E [t/ha]	FiBL estimate	FiBL estimate: For production: Area multiplied with estimated yield. Estimate yield = 70 % of Yields provided FAOSTAT
<b>Lithuania</b>	Area [ha]	Ekoagros	Data provided by Virgilijus Skulskis, LIAE, Lithuania. Data source: Ekoagros, Lithuania
	Area fully converted [ha]	Ekoagros	Data provided by Virgilijus Skulskis, LIAE, Lithuania. Data source: Ekoagros, Lithuania

	Area under conversion [ha]	Ekoagros	Data provided by Virgilijus Skulskis, LIAE, Lithuania. Data source: Ekoagros, Lithuania
	Yield, E [t/ha]	FiBL estimate	FiBL estimate, based on the assumption that the organic yields are 70 percent of the total yields (as provided by FAOSTAT)
<b>Netherlands</b>	Area [ha]	CBS	Source: CBS, The Netherlands, provided by Monique Bestmann, Louis-Bolk-Instituut, Driebergen, The Netherlands
	Area fully converted [ha]	CBS	Source: CBS, The Netherlands, provided by Monique Bestmann, Louis-Bolk-Instituut, Driebergen, The Netherlands
	Area under conversion [ha]	CBS	Source: CBS, The Netherlands, provided by Monique Bestmann, Louis-Bolk-Instituut, Driebergen, The Netherlands
	Area, share feedstuffs [%]	LBI	Source: Estimate by Monique Bestmann, Louis-Bolk-Instituut, Driebergen, The Netherlands
	Area, EF [ha]	CBS	Source: CBS, The Netherlands, provided by Monique Bestmann, Louis-Bolk-Instituut, Driebergen, The Netherlands
	Production, EF [t]	CBS	Source: CBS, The Netherlands, provided by Monique Bestmann, Louis-Bolk-Instituut, Driebergen, The Netherlands
	Yield, E [t/ha]	FiBL estimate	FiBL estimate, based on the assumption that the organic yields are 70 percent of the total yields (as provided by FAOSTAT)