



Towards the establishment of a "EU Protein Balance sheet"

CDG on COP

Brussels, 7th March 2017

Objective

**A comprehensive (and "official") overview of
EU supply and demand situation
for feed proteins**

Note: useful in the context of the EU "protein deficit"
and of further market transparency

Scope

Supply: exhaustive list of feed protein sources

(sub-divided into three main categories:

- Crops (cereals, oilseeds, pulses)
- Co-products (protein-rich materials like meals)
- Others (animal proteins)

Demand: focus on feed uses of proteins,

incl. quantification in crude protein and % of EU origin

Note: data mainly based on EU Commission sources but stakeholders' input welcome (eg protein content)

Timelines

- **November 2016:** first "technical" meeting with stakeholders focused on methodology (format and sources for draft EU protein balance sheet)
- **Q1-2017:** draft EU protein balance sheet (and draft cover note) discussed with stakeholders (incl. CDG of 7th March)
- **April 2017:** publication on DG AGRI website of first EU protein balance sheet (MY 2015/16)

On-going work (see working documents)

2015/16 Protein source	Million tonnes						protein content (G)	Million tonnes (crude protein)		
	Total EU production (A)	EU imports (B)	EU exports (C)	EU Total Domestic Use (D)	EU total feed use (E)	Feed use EU origin (F)		EU total feed use (H) = (E) - (G)	Feed use EU origin (I) = (F) - (G)	% Feed Use of EU Origin (I / H)
CROPS					179.0	162.4		18.22	16.73	92%
<i>CEREALS (of which)</i>	311.6	20.5	50.8	281.4	174.4	157.7		17.07	15.59	91%
Common Wheat	151.3	4.1	32.7	119.0	55.8	51.7	11.0%	6.14	5.69	
Durum Wheat	8.3	2.5	1.2	8.5	0.3	0.3	12.0%	0.04	0.03	
Barley	61.4	0.3	14.2	48.1	36.3	36.3	10.0%	3.63	3.63	
Grain Maize	59.1	13.3	2.2	73.8	58.5	46.8	8.0%	4.68	3.75	
Rye	7.6	0.0	0.2	7.9	3.0	2.9	11.0%	0.33	0.32	
Sorghum	0.6	0.1	0.0	0.9	0.7	0.5	11.0%	0.08	0.05	
Oats	7.5	0.0	0.2	6.9	5.2	5.2	11.0%	0.57	0.57	
Triticale	12.6	0.0	0.0	12.3	11.0	11.0	11.0%	1.21	1.21	
Other cereals	3.2	0.2	0.0	3.8	3.6	3.0	11.0%	0.40	0.34	
<i>OILSEEDS (feed use without crushing) (columns (E) and (F))</i>	32.0	18.6	0.9	49.8	1.2	1.2		0.32	0.32	100%
Soybeans	2.3	14.6	0.1	16.8	0.8	0.8	31.6%	0.25	0.25	
rapeseed	21.8	3.5	0.3	24.9	0.3	0.3	18.8%	0.06	0.06	
Sunflowerseed	7.9	0.5	0.4	8.0	0.1	0.1	15.4%	0.02	0.02	
<i>PULSES (of which)</i>	4.4	0.7	0.9	4.2	3.4	3.4		0.82	0.82	100%
Field Peas	2.1	0.3	0.4	2.0	1.6	1.6	22.5%	0.36	0.36	
Broad beans	2.0	0.3	0.4	1.9	1.5	1.5	26.0%	0.40	0.40	
Lupins	0.4	0.1	0.1	0.4	0.3	0.3	22.5%	0.07	0.07	
CO-PRODUCTS					83.9	44.6		25.81	9.69	38%
<i>SOYBEAN MEALS (of which)</i>					31.2	1.5		14.3	0.6	4%
Soybean meal (from EU soybean production)	1.5			1.5	1.5	1.5	40.0%	0.60	0.60	
Soybean meal (imported soybeans crushing)	10.1			9.9	0.0	0.0	47.0%	4.63	0.00	
Soybean meal (traded as such)		19.8	0.3	19.5	0.0	0.0	45.5%	8.89	0.00	
Soybean Protein Concentrate	0.3			0.3	0.0	0.0	62.5%	0.19	0.02	
<i>RAPSEED MEALS (of which)</i>					13.8	11.8		4.5	3.9	86%
Rapeseed meal (from EU rapeseed production)	11.8			11.8	11.8	11.8	33.0%	3.90	3.90	
Rapeseed meal (imported rapeseed crushing)	1.9			1.9	0.0	0.0	33.0%	0.64	0.00	
Rapeseed meal (traded as such)		0.4	0.5	0.0	0.0	0.0	33.0%	0.00	0.00	
<i>SUNFLOWER MEALS (of which)</i>					6.8	3.6		2.1	1.0	47%
Sunflower meal (from EU sunflowerseed production)	3.6			3.6	3.6	3.6	28.0%	1.01	1.01	
Sunflower meal (imported sunflowerseed crushing)	0.2			0.2	0.0	0.0	35.0%	0.08	0.00	
Sunflower meal (traded as such)		3.2	0.2	3.0	0.0	0.0	35.0%	1.05	0.00	
<i>OTHERS (excluding on-farm use) of which</i>					32.1	27.6		4.8	4.2	86%
Palmkern meal	0.0	2.3	0.0	2.3	2.3	0.0	16.0%	0.36	0.00	
Other oilseed meals	0.6	0.0	0.0	0.6	0.6	0.6	37.0%	0.23	0.22	
Corn Germ meal	0.4	0.0	0.0	0.4	0.4	0.4	26.0%	0.10	0.10	
Corn Gluten Meal					0.1	0.1	60.0%	0.06	0.06	
Corn Gluten Feed	2.8	0.3	0.1	2.9	2.9	2.8	19.0%	0.55	0.52	
Distillers Dried Grains with Solubles	3.4	0.6	0.2	3.8	3.8	3.4	30% for wheat 27% for corn	1.1	1.0	
Wet Distillers Grain					n.a.	n.a.				
Wheat bran	8.3	0.0	0.0	8.3	8.3	8.3	15.5%	1.29	1.29	
Wheat gluten feed					0.4	0.4		0.00	0.00	
Citrus pulp	0.0	0.5	0.0	0.5	0.5	0.5	7.5%	0.04	0.00	
Beet pulp pellets	4.5	0.8	0.1	5.1	5.1	4.5	7.5%	0.39	0.33	
Molasses	5.0	1.1	0.1	6.0	2.4	2.0	10.5% beet 4% cane	0.23	0.21	
Processed Proteins (potatoes)					0.2	0.2	12.0%	0.02	0.02	
Dried Fodder	4.0				n.a.	n.a.	16.0%	0.44	0.44	
Former Foodstuff					5.0	5.0	8.8%			
OTHER SOURCES (excluding on-farm use)					2.2	2.1		0.84	0.75	90%
Processed Animal Proteins					0.6	0.6	58% for pork 63% for	0.36	0.36	
Fish Meal	0.4	0.4	0.2	0.5	0.5	0.4	65.0%	0.34	0.25	
Whey Powder					0.9	0.9	12.5%	0.11	0.11	
Skimmed Milk Powder					0.2	0.2	12.5%	0.02	0.02	

Comments welcome at agri-G4@ec.europa.eu



Thank you for your attention!

**Arable Crops Balance sheets
available at:**

http://ec.europa.eu/agriculture/cereals/index_en.htm