

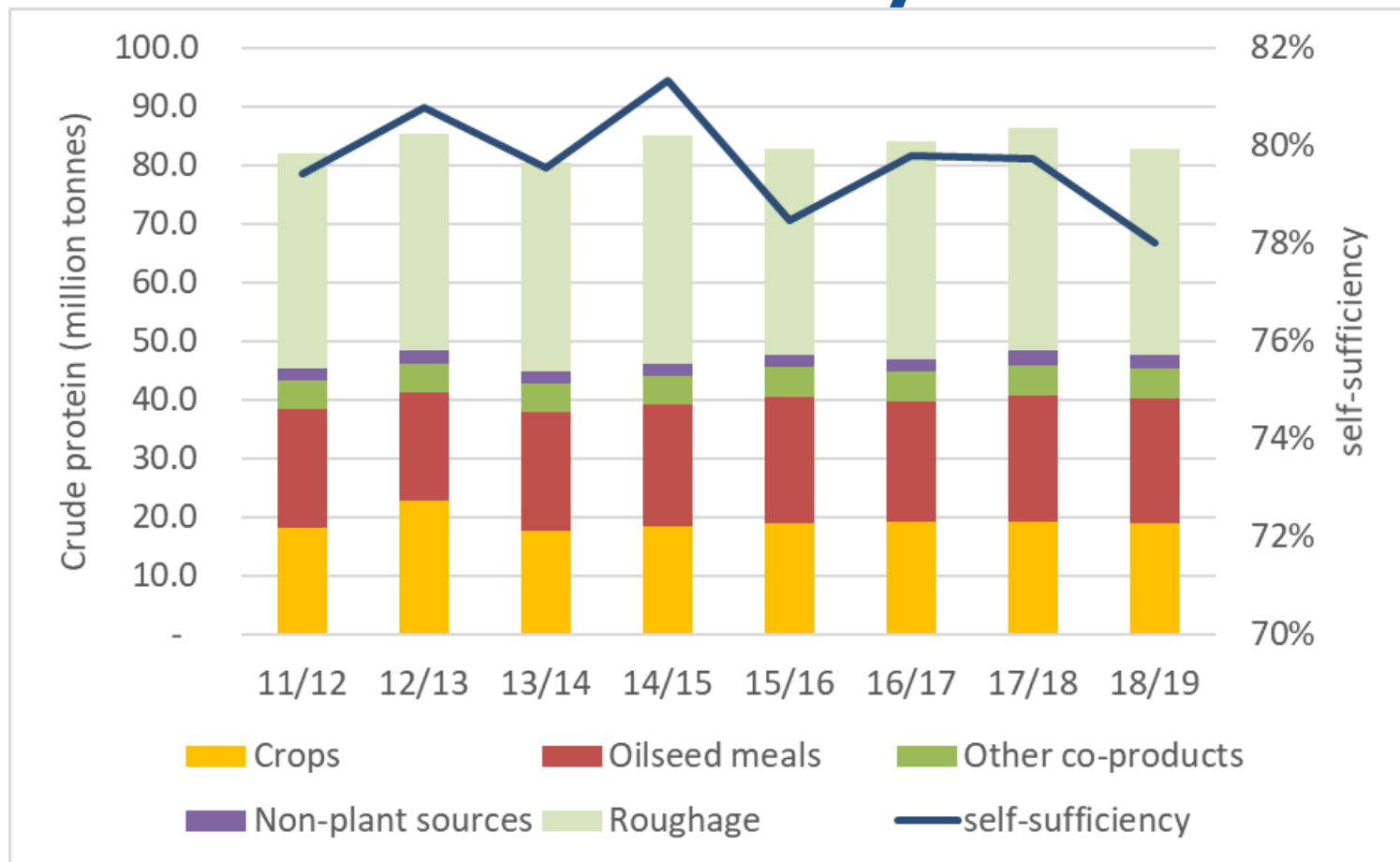


Cereals, Oilseeds and Protein Crops

EU Feed Protein Balance Sheet 2018/2019

**CROPS Market Observatory
30 September 2019**

EU self-sufficiency in feed



EU Feed Protein Balance Sheet: Overview

September 2019

EU Feed Protein Balance Sheet

2018/19	Million tonnes						Protein content (feed use) (G)	Million tonnes (crude protein)			% of total feed use
Protein source	Total EU production (A)	EU imports (B)	EU exports (C)	Total EU 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					178.9	151.8		19.08	16.65	87%	23%
CO-PRODUCTS					85.4	47.5		25.78	10.17	39%	31%
<i>OILSEED MEALS</i>	30.4	24.6	1.2	53.9	53.7	16.5		21.2	5.7	27%	26%
<i>OTHERS CO-PRODUCTS</i>	34.4	5.3	1.0	38.7	34.9	31.5		5.2	4.7	89%	6%
NON-PLANT SOURCES					8.4	8.2		2.25	2.13	95%	3%
ROUGHAGE					1,234	1,234		35	35	100%	43%
TOTAL								82	64	78%	

Legend

Low-Pro: Less than 15% protein content
Medium-Pro: 15-30% protein content
High-Pro: 30-50% protein content
Super-Pro: Over 50% protein content

54.37	51.98	96%
4.86	3.94	81%
21.19	6.23	29%
2.35	2.05	87%

change 17/18	%
-0.18	-0.9%
-0.28	-1.1%
-0.2	-0.9%
0.0	0.1%
-0.28	-11.0%
-3	-7.7%
-4	-4.3%

-2.99	-5.2%
-0.04	-0.9%
-0.31	-1.4%
-0.23	-9.0%

EU Feed Protein Balance Sheet: Roughage

September 2019

EU Feed Protein Balance Sheet

2018/19	Million tonnes						Protein content (feed use) (G)	Million tonnes (crude protein)			
Protein source	Total EU production (A)	EU imports (B)	EU exports (C)	Total EU 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)	% of total feed use
CROPS					178.9	151.8		19.08	16.65	87%	23%
CO-PRODUCTS					85.4	47.5		25.78	10.17	39%	31%
<i>OILSEED MEALS</i>	30.4	24.6	1.2	53.9	53.7	16.5		21.2	5.7	27%	26%
<i>OTHERS CO-PRODUCTS</i>	34.4	5.3	1.0	38.7	34.9	31.5		5.2	4.7	89%	6%
NON-PLANT SOURCES					8.4	8.2		2.25	2.13	95%	3%
ROUGHAGE					1,234	1,234		35	35	100%	43%
Grass	933			933	933	933	2.5%	23	23		
Silage maize	238			238	238	238	2.9%	7	7		
Fodder legumes	62			62	62	62	7.2%	4	4		
Dried Fodder	3.3	0.0	1.8	1.5	1.5	1.5	17.0%	0.25	0.25		
TOTAL								82	64	78%	

change 17/18	%
-0.18	-0.9%
-0.28	-1.1%
-0.2	-0.9%
0.0	0.1%
-0.28	-11.0%
-3	-7.7%
-4	-4.3%

Legend

Low-Pro: Less than 15% protein content	54.37	51.98	96%
Medium-Pro: 15-30% protein content	4.86	3.94	81%
High-Pro: 30-50% protein content	21.19	6.23	29%
Super-Pro: Over 50% protein content	2.35	2.05	87%

-2.99	-5.2%
-0.04	-0.9%
-0.31	-1.4%
-0.23	-9.0%

EU Feed Protein Balance Sheet: Crops

EU Feed Protein Balance Sheet

September 2019

2018/19	Million tonnes						Protein content (feed use) (G)	Million tonnes (crude protein)			% of total feed use	change 17/18		%
Protein source	Total EU production (A)	EU imports (B)	EU exports (C)	Total EU 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					178.9	151.8		19.08	16.65	87%	23%	-0.18	-0.9%	
CEREALS (of which)	290.4	31.0	34.2	287.2	174.1	147.6		17.8	15.6	87%	22%			
Common Wheat	128.8	4.1	21.4	111.5	52.2	48.1	11.0%	5.74	5.29					
Durum Wheat	56.0	0.1	8.0	48.2	39.3	39.3	12.0%	4.72	4.72					
Barley	8.7	1.3	0.9	9.1	0.8	0.8	10.0%	0.08	0.08					
Grain Maize	69.0	24.2	3.5	89.7	57.4	35.6	8.0%	4.59	2.85					
Rye	6.1	0.3	0.2	6.2	2.1	2.1	11.0%	0.23	0.23					
Sorghum	0.8	0.8	0.0	1.6	0.7	0.4	11.0%	0.08	0.04					
Oats	7.6	0.0	0.1	7.5	6.2	6.2	11.0%	0.68	0.68					
Triticale	9.7	0.0	0.0	9.8	10.9	10.9	11.0%	1.20	1.20					
Other cereals	3.6	0.1	0.0	3.7	4.5	4.4	11.0%	0.50	0.48					
OILSEEDS (feed use without crushing)	32.8	19.8	0.8	51.9	1.6	1.6		0.46	0.46	100%	1%			
(columns (E) and (F))														
Soya beans	2.8	15.1	0.2	17.7	1.2	1.2	33.0%	0.40	0.40					
Rapeseed	20.0	4.2	0.1	24.2	0.2	0.2	18.8%	0.04	0.04					
Sunflowerseed	10.0	0.5	0.5	10.0	0.2	0.2	14.8%	0.03	0.03					
PULSES (of which)	3.6	0.9	0.6	4.0	3.2	2.6		0.80	0.63	79%	1%			
Field Peas	2.0	0.7	0.1	2.5	1.9	1.5	22.5%	0.43	0.34					
Broad beans	1.4	0.0	0.4	1.0	0.8	0.8	26.0%	0.22	0.22					
Lupins	0.2	0.2	0.0	0.4	0.4	0.2	35.0%	0.15	0.07					

EU Feed Protein Balance Sheet: Oilseed meals

2018/19	Million tonnes						Protein content (feed use) (G)	Million tonnes (crude protein)				change 17/18	%
Protein source	Total EU production (A)	EU imports (B)	EU exports (C)	Total EU domestic use (D)	EU total feed use (E)	Feed use EU origin (F)	(G)	EU total feed use (H) = (E) * (G)	Feed use EU origin (I) = (F) * (G)	% feed use of EU origin (I) / (H)	% of total feed use		
CROPS					178.9	151.8		19.08	16.65	87%	23%	-0.18	-0.9%
CO-PRODUCTS					85.4	47.5		25.78	10.17	39%	31%	-0.28	-1.1%
OILSEED MEALS	30.4	24.6	1.2	53.9	53.7	16.5		21.2	5.7	27%	26%	-0.2	-0.9%
SOYA BEAN MEALS (of which)	11.6	18.0	0.3	29.3	29.1	1.1		13.3	0.5	4%	16%	0.1	0.4%
Soya bean meal (from EU soyabean production)	1.2			1.2	1.1	1.1	43.0%	0.49	0.49				
Soya bean meal (imported soyabeans crushing)	10.2		0.3	9.9	9.7	0.0	45.5%	4.39	0.00				
Soya bean meal (traded as such)		18.0		18.0	18.0	0.0	45.5%	8.20	0.00				
Soya bean Protein Concentrate	0.3			0.3	0.3	0.0	62.5%	0.19	0.00				
RAPESEED MEALS (of which)	13.3	0.5	0.4	13.4	13.4	10.5		4.4	3.5	79%	5%	-0.2	-4.6%
Rapeseed meal (from EU rapeseed production)	11.0		0.4	10.5	10.5	10.5	33.0%	3.47	3.47				
Rapeseed meal (imported rapeseed crushing)	2.3			2.3	2.3	0.0	33.0%	0.77	0.00				
Rapeseed meal (traded as such)		0.5		0.5	0.5	0.0	33.0%	0.17	0.00				
SUNFLOWER MEALS (of which)	4.9	3.5	0.4	8.0	8.0	4.3		2.9	1.5	53%	4%	-0.1	-4.4%
Sunflower meal (from EU sunflowerseed production)	4.6		0.4	4.3	4.3	4.3	36.0%	1.54	1.54				
Sunflower meal (imported sunflowerseed crushing)	0.3			0.3	0.3	0.0	36.0%	0.09	0.00				
Sunflower meal (traded as such)		3.5		3.5	3.5	0.0	36.0%	1.25	0.00				
OTHER OILSEED MEALS (of which)	0.6	2.6	0.1	3.2	3.2	0.6		0.6	0.2	34%	1%		
Palmkern meal	0.0	2.6	0.0	2.6	2.6	0.0	16.0%	0.41	0.00				
Linseed meal	0.4	0.0	0.0	0.5	0.5	0.4	34.0%	0.16	0.15				
Other oilseed meals	0.2	0.0	0.1	0.2	0.2	0.2	37.0%	0.06	0.06				
OTHERS CO-PRODUCTS	34.4	5.3	1.0	38.7	34.9	31.5		5.2	4.7	89%	6%	0.0	0.1%

Thank you for your attention!

**Market data for cereals, oilseeds and protein
crops are available at the
EU Crops Market Observatory**

**[https://ec.europa.eu/agriculture/market-
observatory/crops](https://ec.europa.eu/agriculture/market-observatory/crops)**