



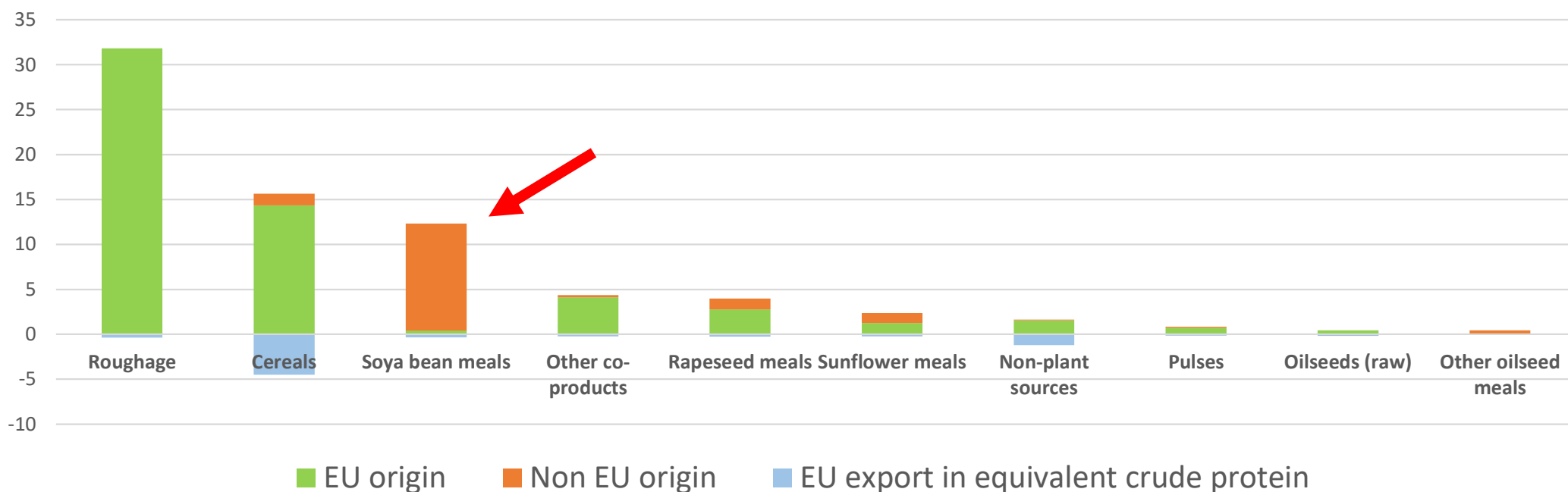
EU Feed Protein Balance Sheet

CDG ARABLE CROPS – DRIED FODDER, ENERGY AND
NON-FOOD CROPS

14 September 2022

Why an EU Feed Protein Balance Sheet?

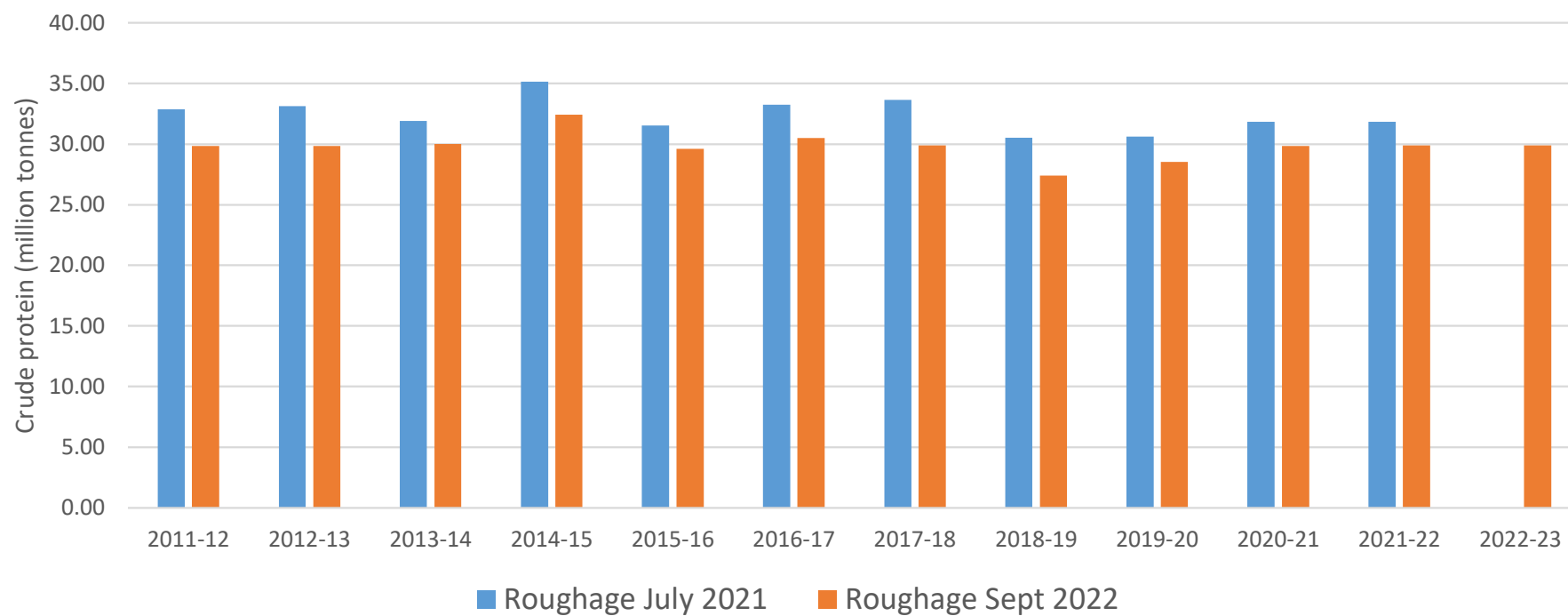
Crude Protein used for feed (million tonnes)



Sources: DG Agri – marketing year 2020/2021

Revision of historical data on Biomass in Eurostat (1)

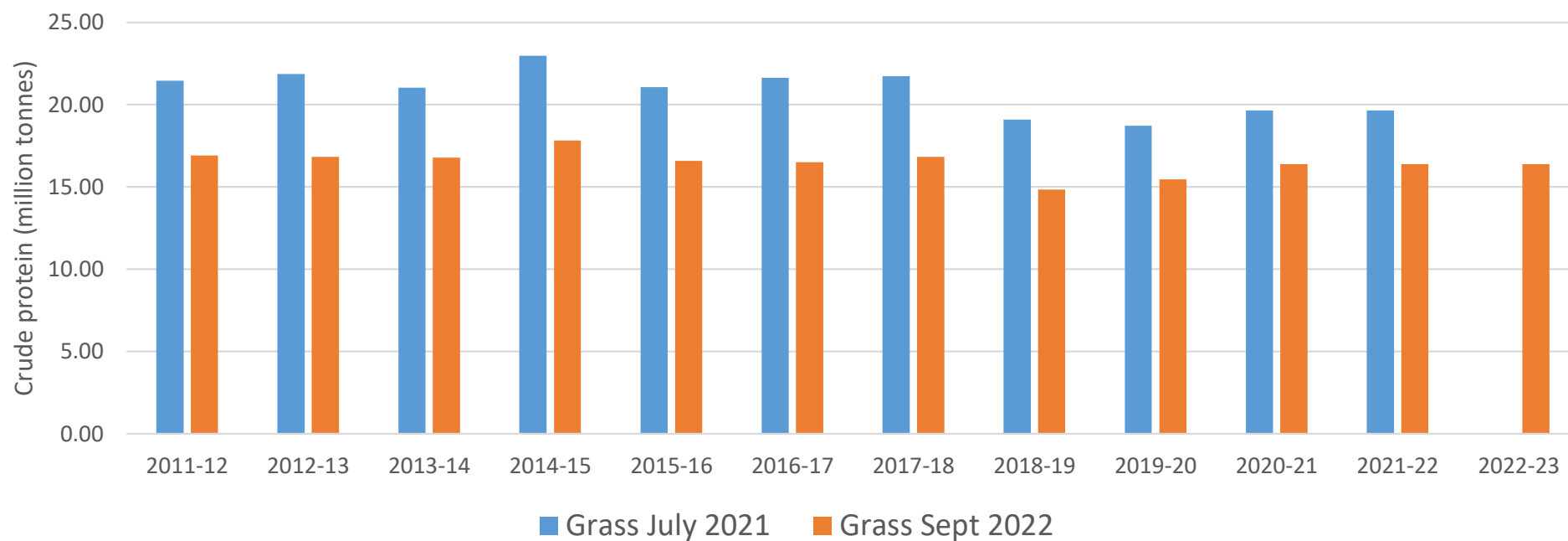
Revision of historical statistics on Roughage



Sources: DG Agri – Sept 2022

Revision of historical data on Biomass in Eurostat (2)

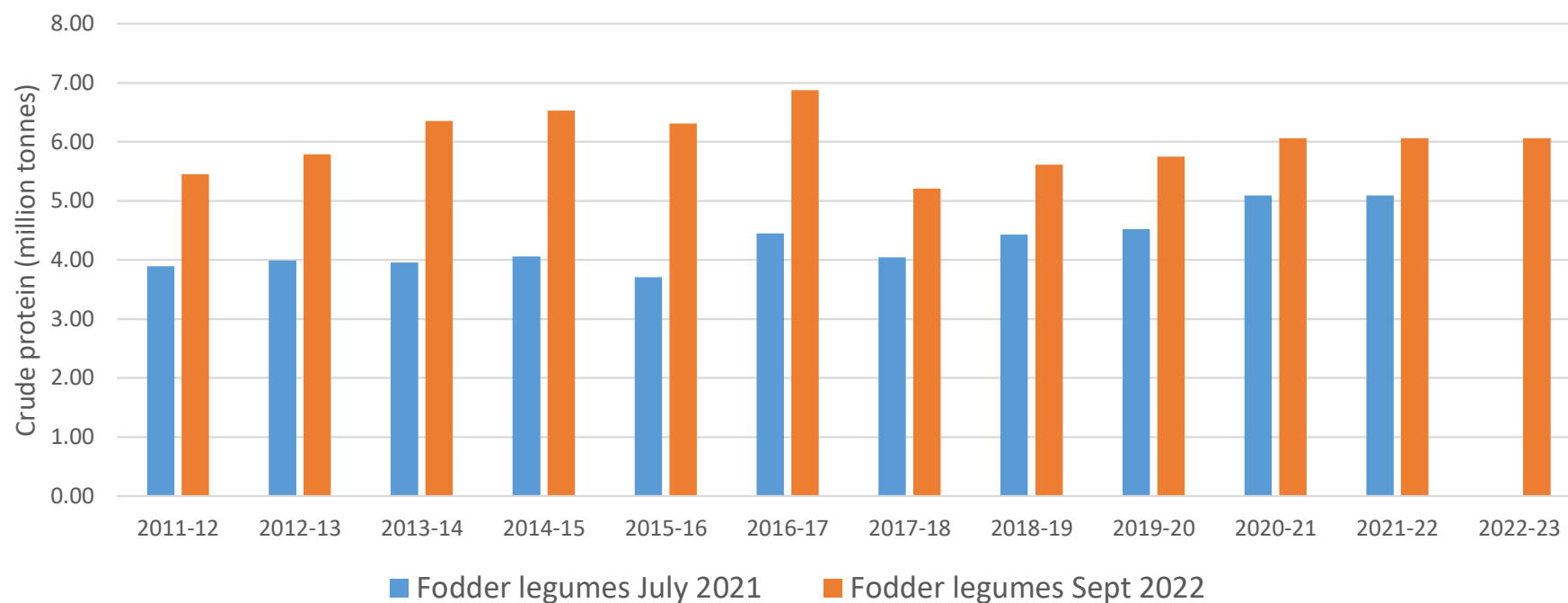
Revision of historical statistics on Grass



Sources: DG Agri – Sept 2022

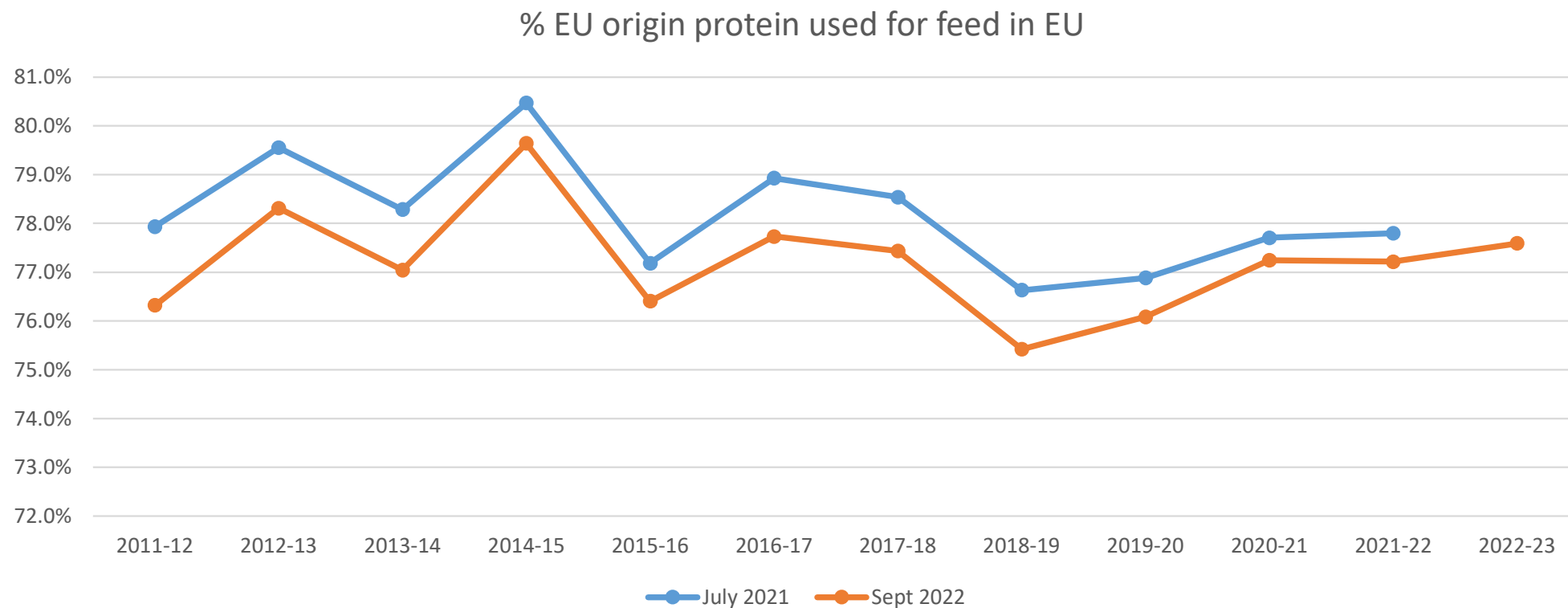
Revision of historical data on Biomass in Eurostat (3)

Revision of historical statistics on Fodder legumes



Sources: DG Agri – Sept 2022

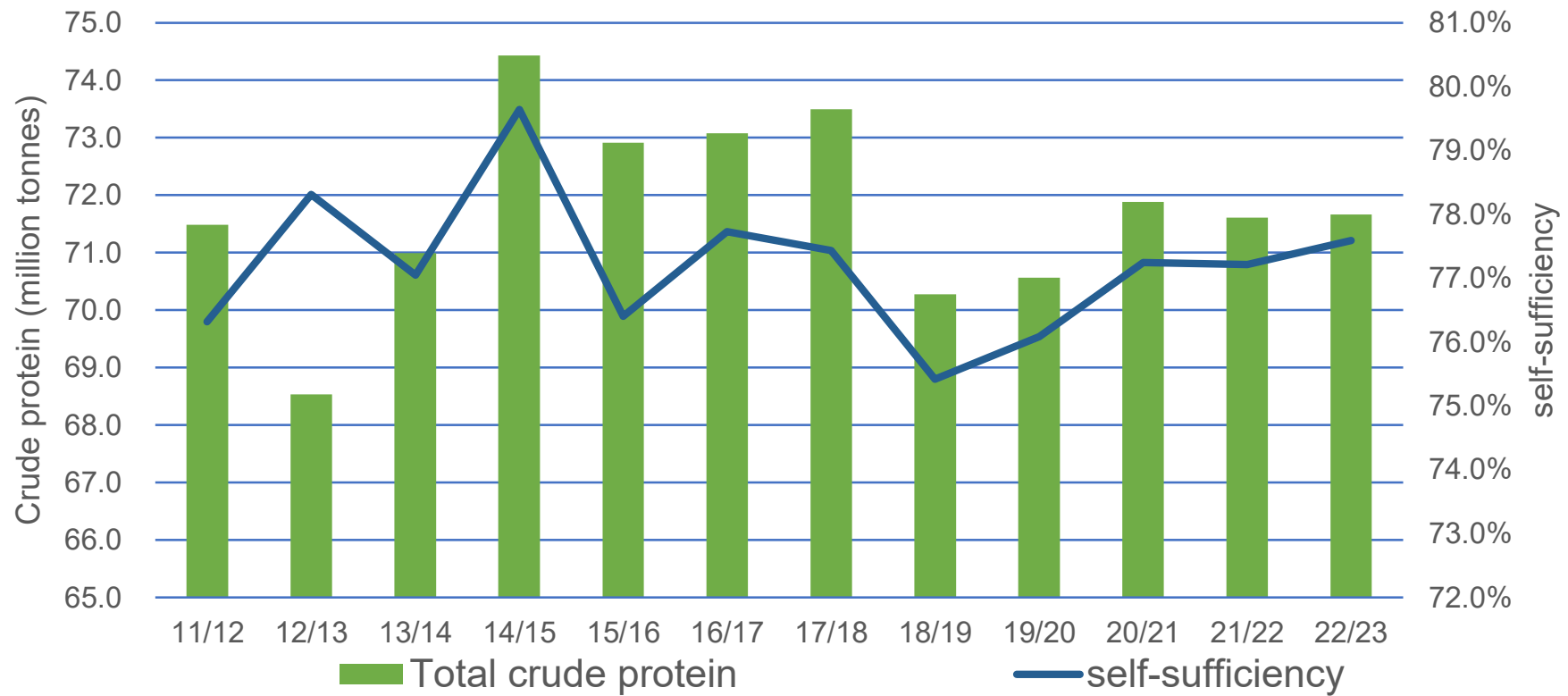
Revision of historical data on Biomass in Eurostat (4)



Sources: DG Agri – Sept 2022

EU Feed Protein Balance Sheets

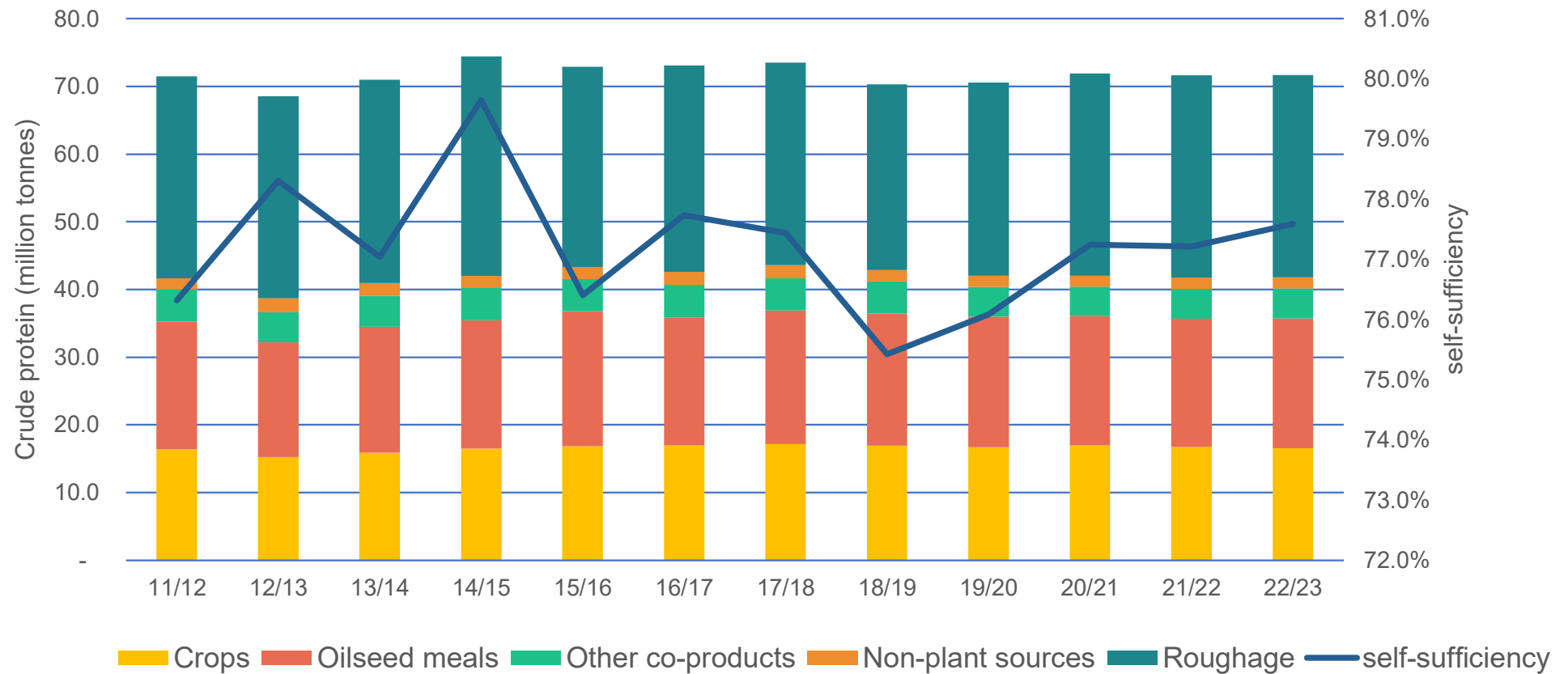
EU total feed use



Sources: DG Agri – Sept 2022

EU Feed Protein Balance Sheets

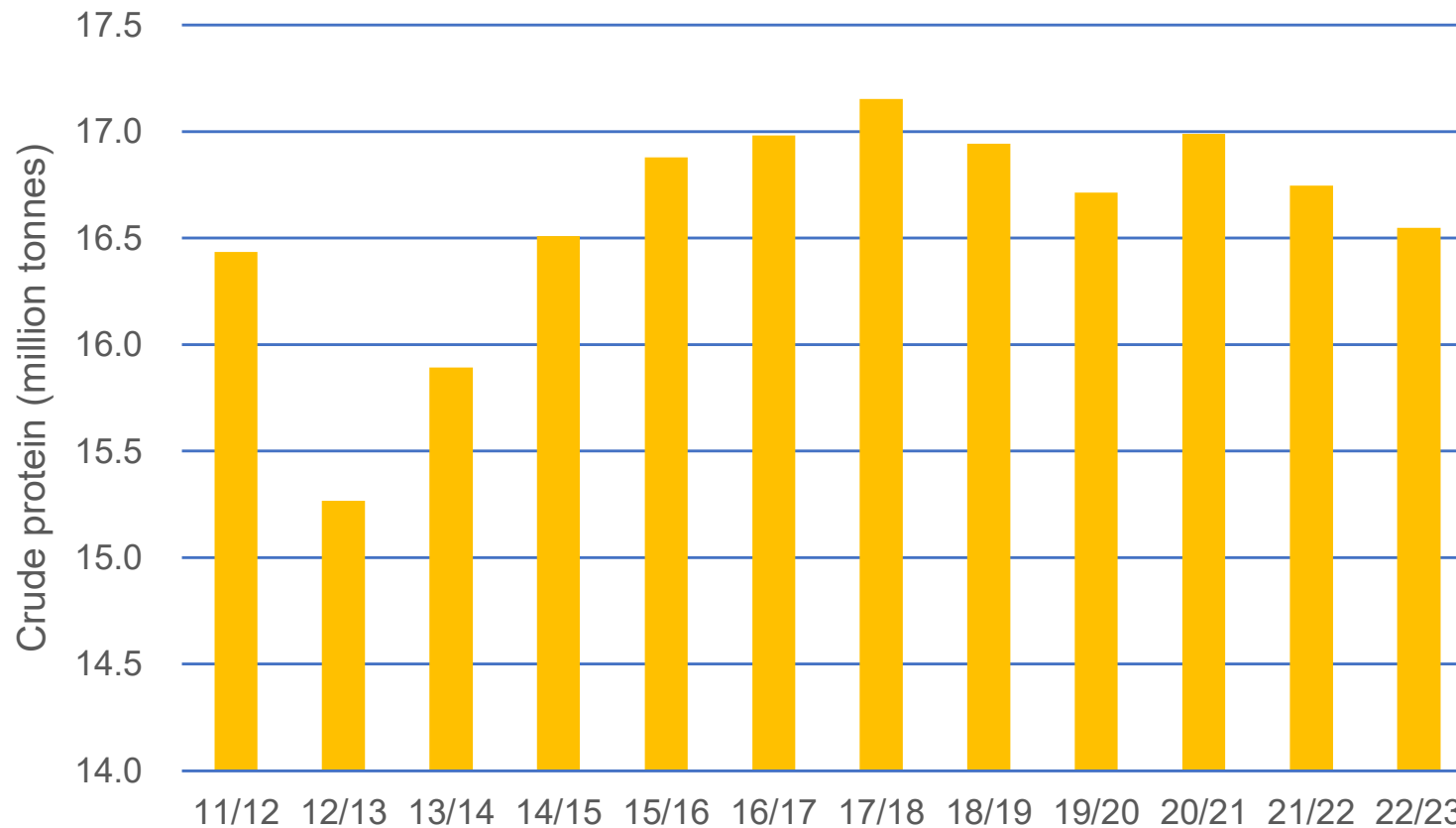
EU total feed use



Sources: DG Agri – Sept 2022

Crops: Cereals, Oilseeds and Pulses

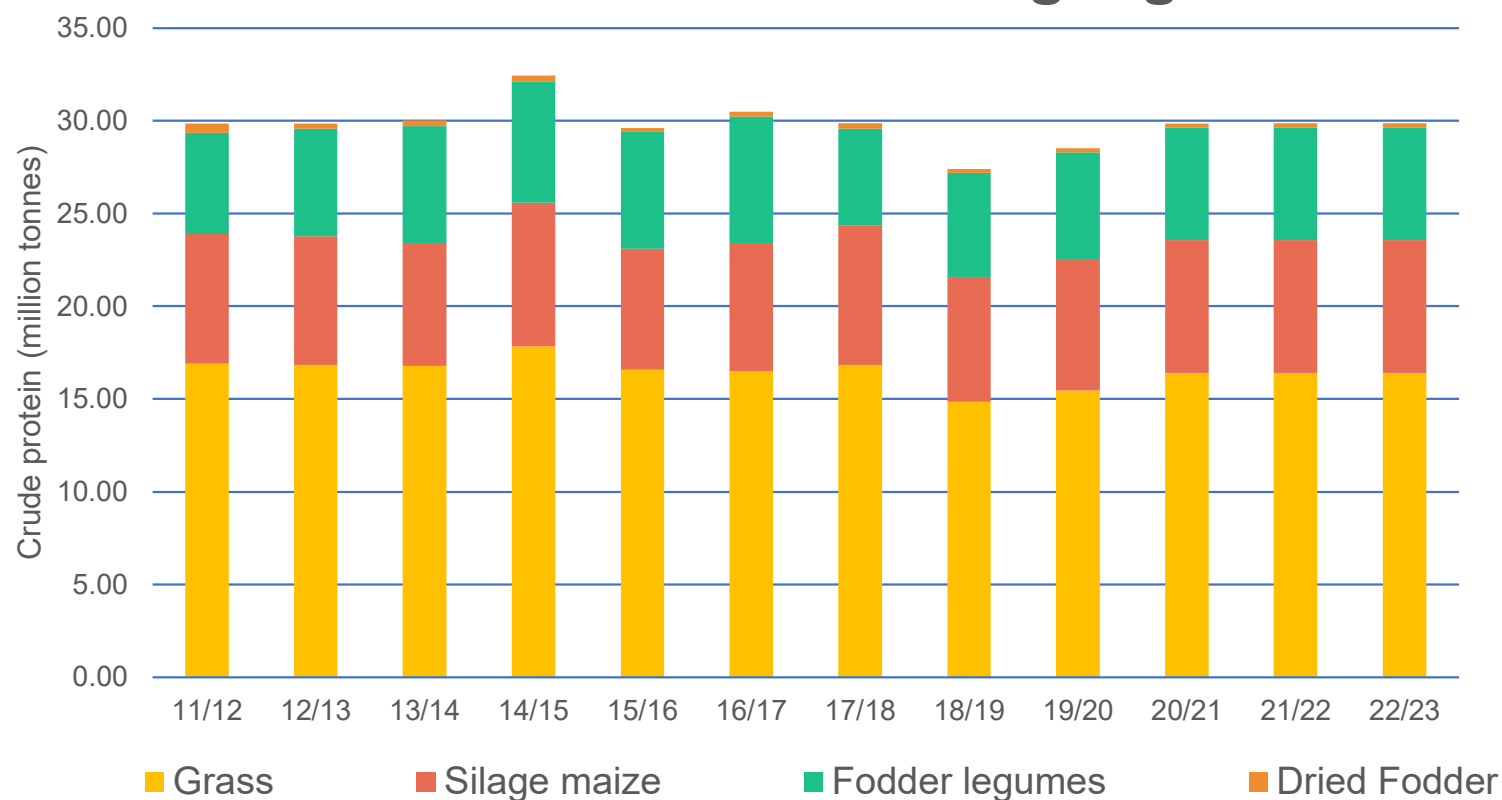
EU total feed use - Crops



Sources: DG Agri – Sept 2022

Roughage

EU total feed use - Roughage

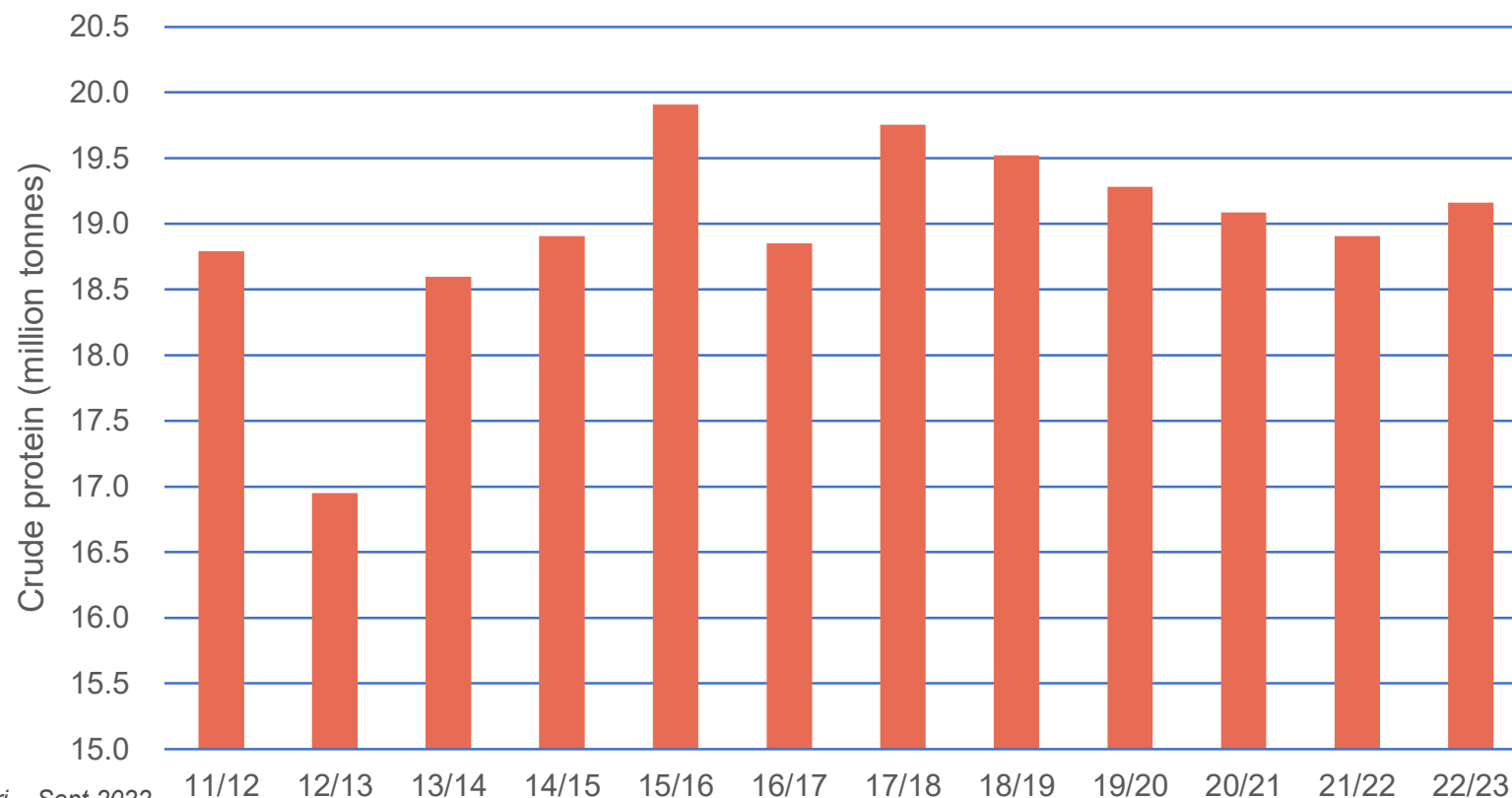


Sources: DG Agri – Sept 2022

**Other Oilseed Meals = Palmkern Meal, Linseed Meal and Other Oilseed Meals*

Oilseed meals

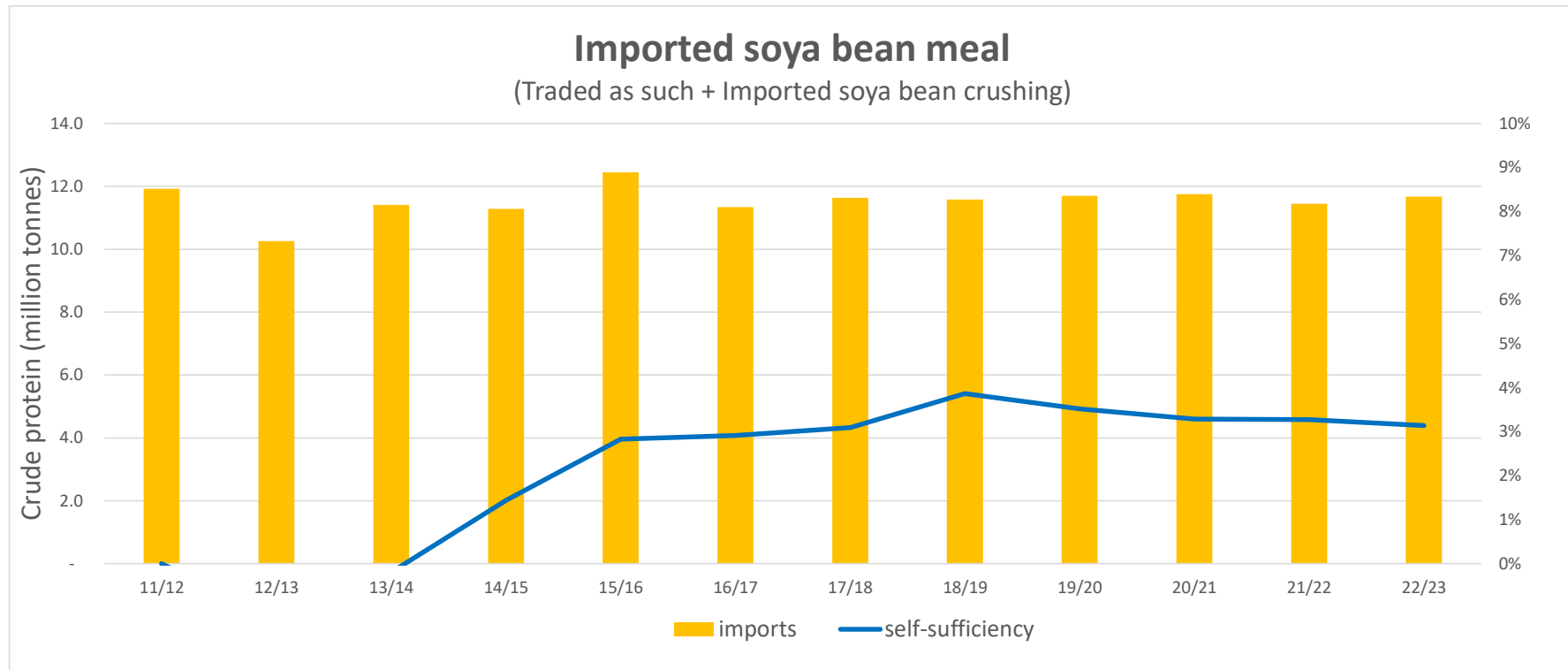
EU total feed use - Oilseed meals



Sources: DG Agri – Sept 2022

**Other Oilseed Meals = Palmkern Meal, Linseed Meal and Other Oilseed Meals*

Imported soya bean meals



Sources: DG Agri – Sept 2022

EU Feed Protein Balance Sheet 2021/22

EU Feed Protein Balance Sheet (forecast)

2021/22	Million tonnes						Protein content (feed use) (G)	Million tonnes (crude protein)				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	change last year	change last year
CROPS					165.8	147.4		16.75	15.08	90%	23%	-0.24	-1.4%
CO-PRODUCTS					76.8	41.1		23.34	8.79	38%	33%	-0.08	-0.4%
OILSEED MEALS	28.7	21.1	2.5	47.4	47.2	13.4		18.91	4.65	25%	26%	-0.18	-0.9%
OTHERS CO-PRODUCTS	30.1	3.7	1.2	32.6	29.6	27.7		4.43	4.14	93%	6%	0.09	2.2%
NON-PLANT SOURCES					5.7	5.5		1.65	1.55	94%	2%	0.03	1.9%
ROUGHAGE					958	958		30	30	100%	42%	0.02	0.1%
TOTAL								71.61	55	77%		-0.28	1.5%

EU Feed Protein Balance Sheet 2022/23

2022/23	Million tonnes						Protein content (feed use) (G)	Million tonnes (crude protein)				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	change last year	change last year
CROPS					163.8	147.7		16.55	15.11	91%	23%	-0.20	-1.2%
CO-PRODUCTS					77.4	41.9		23.59	9.07	38%	33%	0.25	1.1%
OILSEED MEALS	29.4	21.1	2.5	48.0	47.8	14.3		19.16	4.93	26%	27%	0.25	1.3%
OTHERS CO-PRODUCTS	30.1	3.7	1.2	32.6	29.6	27.7		4.43	4.14	93%	6%	-	0.0%
NON-PLANT SOURCES					5.7	5.5		1.65	1.55	94%	2%	-	0.0%
ROUGHAGE					958	958		29.87	30	100%	42%	-	0.0%
TOTAL								71.66	56	78%		0.06	1.6%

2022/23 - Crops

2022/23	Million tonnes						Protein content (feed use) (G)	Million tonnes (crude protein)				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	change last year	change last year
CROPS					163.8	147.7		16.55	15.11	91%	23%	-0.20	-1.2%
CEREALS (of which)	286.4	20.9	54.3	252.9	158.8	143.0		15.20	13.87	91%	21%	- 0.23	-1.5%
Common wheat	125.0	1.8	38.0	88.8	37.3	35.5	11.0%	4.10	3.91			-0.17	-3.9%
Barley	52.2	1.0	9.8	43.4	33.0	33.0	10.0%	3.30	3.30			-0.10	-2.9%
Durum	7.2	2.5	1.2	8.5	0.5	0.4	12.0%	0.06	0.05			0.00	0.0%
Maize	71.7	15.0	5.0	81.7	64.7	51.2	8.0%	5.18	4.10			0.01	0.2%
Rye	7.5	0.1	0.2	7.4	2.7	2.7	11.0%	0.29	0.29			0.01	2.0%
Sorghum	0.8	0.2	0.0	1.0	0.9	0.7	11.0%	0.10	0.08			0.00	2.0%
Oats	7.5	0.1	0.2	7.4	5.8	5.8	11.0%	0.64	0.64			0.01	2.0%
Triticale	10.9	0.0	0.0	10.9	10.5	10.5	11.0%	1.16	1.16			0.00	0.0%
Others	3.6	0.2	0.0	3.7	3.4	3.2	11.0%	0.37	0.36			0.01	2.0%
OILSEEDS (feed use without crushing) (columns (E) and (F))	31.3	19.8	0.9	50.3	1.6	1.6		0.46	0.46	100%	1%	0.00	0.5%
Soya beans	2.6	14.5	0.2	16.9	1.2	1.2	33.0%	0.40	0.40			0.00	0.0%
Rapeseed	18.8	4.5	0.3	23.0	0.2	0.2	18.8%	0.04	0.04			0.00	10.8%
Sunflowerseed	9.9	0.8	0.3	10.4	0.2	0.2	14.8%	0.03	0.03			-0.00	-4.3%
PULSES (of which)	4.4	1.2	0.5	5.0	3.5	3.1		0.89	0.78	87%	1%	0.03	3.5%
Field peas	2.2	0.5	0.2	2.5	1.6	1.4	22.5%	0.37	0.32			0.03	10.4%
Broad beans	1.3	0.1	0.3	1.1	0.9	0.9	26.0%	0.24	0.24			0.03	14.2%
Lupins	0.3	0.2	0.0	0.5	0.5	0.3	35.0%	0.17	0.10			-0.01	-4.7%
Other protein crops	0.6	0.4	0.0	1.0	0.5	0.5	25.0%	0.12	0.12			-0.03	-17.8%

2022/23 – Oilseed meals

2022/23	Million tonnes						Protein content (feed use) (G)	Million tonnes (crude protein)				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	change last year	change last year
CO-PRODUCTS					77.4	41.9		23.59	9.07	38%	33%	0.25	1.1%
OILSEED MEALS	29.4	21.1	2.5	48.0	47.8	14.3		19.16	4.93	26%	27%	0.25	1.3%
SOYA BEAN MEALS (of which)	11.0	16.8	0.7	27.0	26.8	0.9		12.24	0.38	3%	17%	0.22	1.8%
Soya bean meal (from EU soya bean production)	0.9			0.9	0.9	0.9	43.0%	0.38	0.38			-0.01	-2.5%
Soya bean meal (imported soya bean crushing)	9.8		0.7	9.1	8.9	0.0	45.5%	4.04	0.00			0.23	5.9%
Soya bean meal (traded as such)		16.8		16.8	16.8	0.0	45.5%	7.63	0.00			0.00	0.0%
Soya bean protein concentrate	0.3			0.3	0.3	0.0	62.5%	0.19	0.00			0.00	0.0%
RAPESEED MEALS (of which)	12.7	0.6	0.7	12.5	12.5	9.5		4.13	3.13	76%	6%	0.16	4.0%
Rapeseed meal (from EU rapeseed production)	10.2		0.7	9.5	9.5	9.5	33.0%	3.13	3.13			0.35	12.7%
Rapeseed meal (imported rapeseed crushing)	2.5			2.5	2.5	0.0	33.0%	0.82	0.00			-0.19	-19.1%
Rapeseed meal (traded as such)		0.6		0.6	0.6	0.0	33.0%	0.19	0.00			0.00	0.0%
SUNFLOWER MEALS (of which)	5.1	2.4	0.9	6.5	6.5	3.8		2.35	1.35	58%	3%	- 0.12	-5.0%
Sunflower meal (from EU sunflowerseed production)	4.7		0.9	3.8	3.8	3.8	36.0%	1.35	1.35			-0.06	-4.5%
Sunflower meal (imported sunflowerseed crushing)	0.4			0.4	0.4	0.0	36.0%	0.14	0.00			-0.06	-30.3%
Sunflower meal (traded as such)		2.4		2.4	2.4	0.0	36.0%	0.86	0.00			0.00	0.0%
OTHER OILSEED MEALS (of which)	0.6	1.4	0.1	1.9	1.9	0.1		0.43	0.06	15%	1%	-	0.0%
Palmkern meal	0.0	1.3	0.1	1.3	1.3	-0.1	16.0%	0.20	-0.01			0.00	0.0%
Linseed meal	0.4	0.0	0.0	0.4	0.4	0.0	34.0%	0.15	0.00			0.00	0.0%
Other oilseed meals	0.2	0.0	0.0	0.2	0.2	0.2	37.0%	0.09	0.08			0.00	0.0%

2022/23 – Other co-products

2022/23	Million tonnes						Protein content (feed use) (G)	Million tonnes (crude protein)				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	change last year	change last year
OTHERS CO-PRODUCTS	30.1	3.7	1.2	32.6	29.6	27.7		4.43	4.14	93%	6%	-	0.0%
Starch industry's medium protein products (15-30%)	4.1	0.4	0.4	4.1	4.1	4.1	19.0%	0.77	0.77			0.00	0.0%
Starch industry's super protein products (60-90%)	1.0			1.0	0.7	0.7	73.0%	0.49	0.49			0.00	0.0%
Distillers' dried grains with solubles	3.1	0.7	0.3	3.6	3.6	2.8	30% wheat 27% maize	1.05	0.85			0.00	0.0%
Wet distillers' grain	6.1			6.1	6.1	6.1	5.4%	0.33	0.33			0.00	-3.5%
Wheat bran	7.4	0.1	0.1	7.3	7.3	7.3	15.5%	1.13	1.13			0.00	0.0%
Citrus pulp	0.0	0.1	0.0	0.1	0.1	0.0	7.5%	0.01	0.00			0.00	0.0%
Beet pulp pellets	5.6	1.1	0.1	6.6	6.6	5.4	7.9%	0.52	0.43			0.00	0.0%
Molasses	2.9	1.2	0.2	3.9	1.2	1.2	10.7% beet 4.2% cane	0.13	0.13			0.00	0.0%

2022/23 – Non-Plant sources and Roughage

2022/23	Million tonnes						Protein content (feed use) (G)	Million tonnes (crude protein)				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	change last year	change last year
NON-PLANT SOURCES					5.7	5.5		1.65	1.55	94%	2%	-	0.0%
(excluding on-farm use)													
Fish meal	0.4	0.2	0.1	0.5	0.5	0.4	65.0%	0.29	0.25			0.00	0.0%
Whey powder	2.2	0.1	0.7	1.6	0.6	0.6	12.5%	0.07	0.07			0.00	0.0%
Skimmed milk powder	1.4	0.0	0.6	0.8	0.1	0.1	34.0%	0.05	0.05			0.00	0.0%
Processed animal proteins	2.7	0.1	1.1	1.9	1.5	1.4	62.3%	0.95	0.89			0.00	0.0%
Former foodstuff					3	3	9.5%	0.29	0.29			0.00	0.0%
ROUGHAGE					958	958		29.87	30	100%	42%	-	0.0%
Grass	629			629	629	629	2.6%	16.3897	16			0.00	0.0%
Silage maize	244			244	244	244	2.9%	7.1813	7			0.00	0.0%
Fodder legumes	84			84	84	84	7.2%	6.0613	6			0.00	0.0%
Dried fodder	3.6	0.0	2.2	1.4	1.4	1.4	17.0%	0.2407	0.2			0.00	0.0%

Accessible on Europa very soon

- In MS-Excel format with formulas
- With raw data
- Pivot tables allowing data mining and graphs

Thank you



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