

## MI5.7 Feed Life cycle assessment (LCA) - Appendix 2 Proxy List

In this appendix, companies are provided with a clear procedure for selecting appropriate proxies based on ingredient identification and database references.

Each ingredient is listed in the first column under the heading "Ingredient and (EU catalogue number)". This column identifies the relevant raw material by its common name and, where applicable, its official EU catalogue number.

The second column, titled "dbflow\_GFLI", provides the corresponding database entry or reference for each ingredient, based on the GFLI (Global Feed LCA Institute) database flow. This value serves as the primary input for proxy selection.

PROXIES		
Number <sup>1 2</sup>	Ingredient	dbflow_GFLI
005167-EN	Apples dried (slices)	Former food product dried (>80%dm), without carriers, at processing/XX <sup>3</sup>
1.1.4	Barley Flakes	Oat grain peeled, at processing/XX <sup>3</sup>
/	Bentonite	Total minerals, additives, vitamins, at plant/RER Economic
13.1.1	Bread flour	Former food product dried (>80%dm), at processing/NL Economic
/	Calcium formiate	Total minerals, additives, vitamins, at plant/RER Economic
4.3.5	Carrot, dried (pieces)	Former food product dried (>80%dm), without carriers, at processing/XX <sup>3</sup>
4.4.7	Chicory molasses	Sugar beet molasses, at processing/XX <sup>3</sup> Economic
/	Coccidiostats	Total minerals, additives, vitamins, at plant/RER Economic
1.12.11	Corn Distillers' dark grains - DDGS [Alco Biofuel Gent]	Branded data available on request
1.12.1	Corn Distillers' dark grains - DDGS [Alco Energy Rotterdam]	Branded data available on request
/	Dolocal®	Total minerals, additives, vitamins, at plant/RER Economic
9.15.5	Egg shells, dried	Total co-products, at processing/RER
/	Enzymes	Total minerals, additives, vitamins, at plant/RER Economic
2.8.1 – B27	Extruded linseed	Linseed, dried, at storage/XX <sup>3</sup> Economic
11.9.1	Flint grit (Chicken grit)	Total minerals, additives, vitamins, at plant/RER Economic

1. EU Catalogue number

2. Feed materials register

3. XX = origin of the ingredient (e.g. Netherlands, XX=NL)

PROXIES		
Number <sup>1 2</sup>	Ingredient	dbflow_GFLI
3.2.3	<b>Kibbled carob</b>	Total pulses, dried, at storage/RER
7.7.1	<b>Leaves (nettle), dried</b>	Total dried forages, at processing/RER
/	<b>Lecifeed® (soy) [Marvesa]</b>	Crude soybean oil (solvent), at processing/NL Economic
005453-EN	<b>Leek flakes, dried</b>	Former food product dried (>80%dm), without carriers, at processing/XX <sup>3</sup>
7.8.1	<b>Lignocellulose (wood-based)</b>	Total minerals, additives, vitamins, at plant/RER Economic
11.1.4	<b>Maerl</b>	Total minerals, additives, vitamins, at plant/RER Economic
11.2.1	<b>Magnesium oxide</b>	Total minerals, additives, vitamins, at plant/RER Economic
11.3.8	<b>Magnesium phosphate</b>	Total minerals, additives, vitamins, at plant/RER Economic
/	<b>Mycotoxin reducers</b>	Total minerals, additives, vitamins, at plant/RER Economic
11.1.2	<b>Oyster shells</b>	Total minerals, additives, vitamins, at plant/RER Economic
2.14.3	<b>Rapeseed meal GMO-free</b>	Rapeseed meal (solvent), at processing/XX <sup>3</sup> Economic
/	<b>Sepiolite</b>	Total minerals, additives, vitamins, at plant/RER Economic
2.18.3 – B56	<b>Soya (bean) meal protected (Proxysoy®) [Danis]</b>	Soybean meal (solvent), at processing/XX <sup>3</sup> Economic
1.9.3	<b>Spelt hulls</b>	Oat husk meal, at processing/XX <sup>3</sup> Economic
/	<b>Sweet syrup [Nijssen]</b>	Option 1. Branded data available on request Option 2. Former food liquid stream (<50%dm), at processing/NL
3.7.1 – B63	<b>Toasted horse beans</b>	Broad beans, dried, at storage/FR Economic
2.18.1	<b>Toasted soybeans</b>	Soybean, heat treated, at processing/XX <sup>3</sup> Economic
/	<b>Trotec mix® / Trotec Q100® [Trotec]</b>	Option 1. Branded data available on request Option 2. Former food product dried (>80%dm), at processing/NL Economic
/	<b>Trotec Chips® [Trotec]</b>	Former food product dried (>80%dm), at processing/NL Economic
/	<b>Vitamin C</b>	Total minerals, additives, vitamins, at plant/RER Economic
/	<b>Vitamin E</b>	Total minerals, additives, vitamins, at plant/RER Economic

## Translation list

Specific processes for clarifying NL-ENG translation		
Number <sup>1 2</sup>	Ingredient	dbflow_GFLI
1.1.16	Kriel	Wheat middling & feed, at processing/XX <sup>3</sup> Economic U
1.1.17	Kortmeelpellets	Wheat bran, from dry milling, at processing/ XX <sup>3</sup> Economic
3.7.1 – B63	Getoaste veldbonen	Broad beans, dried, at storage/FR Economic

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