

## Livestock

# ProtiFlow DE-Z

### ProtiFlow DE-Z

Grains comes from the extraction of bio ethanol from grains. The process focuses on extracting alcohol from the carbohydrates present. After the conversion and extraction of alcohol, a residue of non-fermentable components, consisting mainly of protein, remains. The co-product ProtiFlow is characterized by its good taste, low sodium content and high-quality protein.

### Quality

The product complies with laws and regulations. Mycotoxins, insecticides, pesticides and herbicides are tested according to the GMP+ FSA. The product is non-GMO (according to Regulation (EC) 1829/2003 and 1830/2003).



Valid from 29 July 2022

Downloaded on 02 August 2025

		AiD	SiD
Dry matter %	18.4	Dig. Lysine	12.2
pH	3.2	Dig. Methionine	4.9
Crude protein	378	Dig. Methionine + Cystine	9.0
Crude fat	59	Dig. Threonine	9.4
Crude fibre	49	Dig. Tryptophan	3.1
Crude ash	93	Dig. Isoleucine	10.1
Starch total	56	Dig. Leucine	10.5
Sugar	83	Dig. Valine	18.7
NSP	209		13.8
		Energie value	1.04
Calcium (Ca)	1.7	NE pigs, kcal	2182
Sodium (Na)	1.5	ME Schw., MJ	12.5
Chloride (Cl)	3.7		
Potassium (K)	25.9		
Magnesium (Mg)	3.0		
Phosphorus total (P)	13.0		
Dig. Phosphorus	10.4		
Sulfur	16.5		
Glycerol	34.7		
Lactic acid	56		
Acetic acid	4		

### Cattle values

DVE	163
OEB	166
nXP	269.81
FOS	596
VEM	1165
VEVI	1261
NEL	8.36
ME Rind, MJ	13.36

Levels are based on averages and stated in grams per kg of dry matter, unless stated otherwise. Changes in product composition are reserved.



### Looop Co-Products BV

Parlevinklerweg 8  
5928 NV Venlo  
The Netherlands

www.looop.company  
support@loop.company  
+31(0)88 56 66 721

### IBAN:

NL55 RABO 0321 8217 85

### BIC:

RABO NL2U

### VAT. NL

NL0095.32.488.13.01

### VAT. BE

BE0547739105

### UST.ID:

DE2891.81.759

### C.C. Venlo:

1203 5225



### GMP+:

GMP018172

### QS ID:

4031735219906

## Feeding advice based on DS of total ration

Weaned piglets (up to 25 kg)	max 5%
Fattening pigs (25 - 50 kg)	max 8%
Fattening pigs (from 50 kg)	max 12%
Sows	max 10%
Dairy cattle	max 15 kg product in ration
Beef cattle	max 1,5 kg product / 100 kg body weight

## Logistics & Storage

Transport	Liquid with tank truck
Storage	In acid-resistant silo or bunker with agitator, regular stirring is desirable to prevent settling.
Shelf life	1 month, provided the silo or bunker is cleaned regularly
Nipple worthy	No
Extra Comment	Please note the level of sulfur



### Loop Co-Products BV

Parlevinkeweg 8  
5928 NV Venlo  
The Netherlands

[www.loop.company](http://www.loop.company)  
[support@loop.company](mailto:support@loop.company)  
+31(0)88 56 66 721

**IBAN:**  
**BIC:**  
**VAT. NL**  
**VAT. BE**  
**UST.ID:**  
**C.C. Venlo:**

NL55 RABO 0321 8217 85  
RABO NL2U  
NL0095.32.488.13.01  
BE0547739105  
DE2891.81.759  
1203 5225

**GMP+:**  
**QS ID:**



GMP018172  
4031735219906