

## Insects

# 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. 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 18 May 2022

Downloaded on 08 May 2026

Dry matter %	18.4
pH	3.2
Crude protein	378
Crude fat	59
Crude fibre	49
Crude ash	93
Starch total	56
Sugar	83
Calcium (Ca)	1.7
Sodium (Na)	1.5
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



### Loop Co-Products BV

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### 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

	AiD	SID
Dig. Lysine	12.2	12.6
Dig. Methionine	4.9	5.0
Dig. Methionine + Cystine	9.0	9.4
Dig. Threonine	9.4	10.0
Dig. Tryptophan	3.1	3.2
Dig. Isoleucine	10.1	10.5
Dig. Leucine	18.7	19.2
Dig. Valine	13.8	14.4
VEM		
	1165	
VEVI		
	1261	
DVE		
	163	
OEB		
	166	
FOS		
	578	
Energie value		
	1.04	
NE pigs, kcal		
	2182	
ME Schw., MJ		
	12.5	

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

### 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



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