

ProtiWanze® Facts and Benefits

- Liquid, protein-rich animal feed from the production of bioethanol made from wheat and sugar beets
- Feed material (concentrated distillers solubles, CDS No. 1.12.8 in EU Catalogue of Feed Materials, EU Commission Regulation No. 575/2011 or Distillers' grains feed, No. 5.06.01 in the Positive List for Feed Materials)
- Produced at the bioethanol plant at CropEnergies subsidiary BioWanze SA in Wanze (Belgium). BioWanze SA is certified according to the GMP B1 standard by GMP+ International (GMP 032244).
- Controlled and "safe" high-quality product made from high-grade, tested raw materials; protein alternative for a sustainable feeding
- Supplies valuable energy and protein in rations for cattle and pigs

Your benefits:

- Substantial reduction of feed costs for cattle and pig rations
- Excellent taste
- Improves the homogeneity of feed mixtures and reduces feed loss
- Secure supply ensured via various points of delivery in Belgium and the Netherlands through our experienced and reliable distribution partners

Composition*

Dry matter, %	26.3
pH value	4.0 – 4.5
g per kg dry matter (DM)	
Crude ash	49
Crude fibre	35
Crude protein	294
Crude fat	59
Starch	35
Sugar	92
Calcium	1.8
Phosphor (dP)	7.1 (6.0)
Sodium	1.5
Potassium	15.7
Magnesium	2.1
Lysine (dLys)	13.5 (9.6)
Methionine (dMet)	4.5 (3.6)
Cystine (dCys)	4.9 (3.6)
Threonine (dThr)	10.6 (6.8)
Tryptophan (dTrp)	3.2 (2.3)
Lactic acid	57
Glycerol	158
NDF _{om}	193
ADF _{om}	63
ADL	10

Feed Values (per kg DM)*

NEL, MJ	9.0
ME (Cow), MJ	13.81
UDP** 5%	38%
Utilizable Crude Protein nXP, g	236
ME (Pig), MJ	15.3

* The values listed here are reference values. The composition depends on the composition of the raw ingredients and is subject to minor, natural variances.

** Ruman Undegradable Protein, 5% rumen passage rate per hour

ProtiWanze® – Premium Liquid Protein

ProtiWanze®, the high-quality liquid protein for animal feed.



Ruminants

Feeding Amounts

(Depending on the respective total ration)

Dairy cows	5–10 kg/day
Young cattle	up to 4 kg/day
Beef cattle	up to 5 kg/day

Feeding

In each ration, ProtiWanze® replaces a portion of soybean and/or rapeseed meal. At 9.0 MJ NEL per kg of DM, the energy value is very high.



The viscous liquid consistency improves the homogeneity of feed mixtures (TMR) and deters selective consumption and separation of, e.g. mineral feed.

Due to its excellent taste, ProtiWanze® has a beneficial effect on the animals' feed intake. The low pH value reduces loss caused by reheating in the ration.

Pigs

Feeding Amounts

(In the ration dry matter; depending on the respective total ration)

Piglets (weaned)	up to 3%
Grower pig	up to 6%
Finisher pig	up to 12%
Sows	up to 10%

Feeding

In each ration, ProtiWanze® replaces a portion of soybean, rapeseed meal and/or protein concentrates. The energy value (15.3 MJ ME per kg of DM) as well as the digestibility of the amino acids and the phosphor are high. ProtiWanze® increases the homogeneity of liquid feed because it hinders the formation of sinking and floating layers if dry products such as corn cob mix (CCM) are used. The low pH value increases the stability and shelf life of the feed ration.



Storage

ProtiWanze® is light brown, liquid and pumpable. It has a shelf life of 10 weeks. The pH value ranges from 4 to 4.5. Its low pH value makes ProtiWanze® stable and extends the shelf life. ProtiWanze® must be stored in acid-resistant storage tanks and regular stirring/recirculation pumping is required.



Interested in more information?

For more information on ProtiWanze®, please contact our distribution partners:

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