

PANTO-POTENT® Amino

with SOLUFERT® and Wisan®-Raps*)

Analytical components and contents

27,00 % Crude protein	16,00 % Crude fat
59,00 % UDP	6,00 % Crude fibre
190,00 g nXP	5,00 % Crude ash
12,80 g RNB	Encapsulated amino acids
	8,8 MJ NEL

Additives per 1 kg of mixed feed

50 mg Copper**)	B-vitamins*)
300 mg Zinc**)	
300 mg Manganese**)	
4 mg Iodine	
1 mg Cobalt	
2 mg Selenium	

Feeding recommendations

- feed 1–1,2 kg PANTO-POTENT® Amino daily per cow until max 100th day of lactation

PANTO-POTENT® Vario

with SOLUFERT® and Wisan®-Raps*)

Analytical components and contents

37,00 % Crude protein	8,50 % Crude fat
53,00 % UDP	8,00 % Crude fibre
320,00 g nXP	
8,00 g RNB	6,00 % Crude ash
	7,5 MJ NEL

Additives per 1 kg of mixed feed

10 mg Copper ¹⁾	B-vitamins*)
55 mg Zinc ¹⁾	
55 mg Manganese ²⁾	
2 mg Cobalt	¹⁾ Hydroxy compounds
1 mg Selenium	²⁾ Chelate compounds

Feeding recommendations

- minimum of 2 kg PANTO-POTENT® Vario daily per cow during high lactating periods until confirmed pregnancy

*) further information upon request

***) organic

HL HAMBURGER LEISTUNGSFUTTER

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Spitzenprodukte
der Tierernährung



Quality from A to Z

Spitzenprodukte
der Tierernährung



Your partner for
first-class animal feed



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Subject to changes

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PANTO POTENT®

– Special concentrates for
high-lactating cows –

HL HAMBURGER LEISTUNGSFUTTER GmbH
Konsul-Ritter-Str. 3 · D-21079 Hamburg/Germany
Tel. +49 40 76692-213 · Fax +49 40 76692-139
www.hl-futter.de

PANTO-POTENT®

by HL HAMBURGER LEISTUNGSFUTTER

In order to increase milk output and meet the nutritional requirements of high-production animals, complex and detailed feed management is critical. To meet this need, HL Hamburger Leistungsfutter GmbH has developed a special line of animal feed under the brand name **PANTO-POTENT®**.

The unique products in the **PANTO-POTENT®** line are one-of-a-kind feed supplements. **PANTO-POTENT®** products contain the **PANTO SOLUFERT®** active carrier, a vegetable yeast-based fatty acid concentrate with a high level of polyunsaturated fatty acids (omega-3 fatty acids). This concentrate is produced through a special process exclusive to the HL Hamburger Leistungsfutter GmbH production facility and is subject to strict quality

control standards through QS, HACCP and DIN EN ISO 9001:2000 certification. Further active carriers include B-vitamins and organically bound trace elements.

Through the combination of a specialized production process and the unique product composition of **PANTO-SOLUFERT®**, vitamins, minerals and trace elements, **PANTO-POTENT®** products demonstrate following beneficial effects:

- achieving an obvious heat thereby ensuring successful fertilization
- contributing to the overall improvement of fertility
- providing metabolic relief through protected proteins
- increasing milk production due to the high rate of protected proteins and versatile amino acids
- improving the animals stamina
- therefore stabilizing circulation and minimizing stress, which boosts the immune system

- providing sufficient nutrient levels, thereby increasing nutrient resorption
- improving the overall health, well-being and longevity of dairy cows
- raising the quality of milk by delivering higher levels of omega-3 fatty acids and therefore improving the nutritional value of milk for human consumption

In the production process of the following products no genetically modified components or their derivatives are used. Therefore **PANTO-POTENT® Duo**, **PANTO-POTENT® Hefe**, **PANTO-POTENT® Trio**, **PANTO-POTENT® Vario** and **PANTO-POTENT® Transponder** are currently not subject to labelling regulations as per food regulations, VO (EG) 1829/2003 and VO (EG) 1830/2003. However our special feed **PANTO-POTENT® Duo**, **PANTO-POTENT® Hefe** and **PANTO-POTENT® Trio** still can be produced subject to labelling for conventional feeding. Please feel free to contact us.

PANTO-POTENT® Duo^{***)}

with SOLUFERT® and Wisan®-Raps^{*)}

Analytical components and contents

35,00 % Crude protein	7,50 % Crude fat
57,00 % UDP	8,50 % Crude fibre
320,00 g nXP	7,00 % Crude ash
4,80 g RNB	
	7,2 MJ NEL

Additives per 1 kg of mixed feed

25 mg Copper ^{**)}	B-vitamins ^{*)}
150 mg Zinc ^{**)}	
150 mg Manganese ^{**)}	
2 mg Iodine	
0,5 mg Cobalt	
1 mg Selenium	

Feeding recommendations

- at least 2 kg **PANTO-POTENT® Duo** per cow and day during high-lactating period until confirmed pregnancy
- feed 0,5 kg **PANTO-POTENT® Duo** per cow and day in preparation for pregnancy
- it can also be used in dry period and pre-calving period, because rearing calf needs high valuable amino acids

PANTO-POTENT® Trio

with SOLUFERT® and Wisan®-Raps^{*)}

Analytical components and contents

24,00 % Crude protein	22,00 % Crude fat
46,00 % UDP	6,50 % Crude fibre
210,00 g nXP	7,00 % Crude ash
4,80 g RNB	

Additives per 1 kg of mixed feed

50 mg Copper ^{**)}	B-vitamins ^{*)}
300 mg Zinc ^{**)}	
300 mg Manganese ^{**)}	
4 mg Iodine	
1 mg Cobalt	
2 mg Selenium	

Feeding recommendations

- feed 1 kg **PANTO-POTENT® Trio** daily per cow during high-lactating period
- 0,5 kg **PANTO-POTENT® Trio** per cow and day in preparation for pregnancy

^{*)} further information upon request
^{**)} organic
^{***)} upon request also with living yeast

PANTO-POTENT®

Transponder

with SOLUFERT® and Wisan®-Raps^{*)}

Analytical components and contents

24,00 % Crude protein	12,00 % Crude fat
50,00 % UDP	9,00 % Crude fibre
225,00 g nXP	5,50 % Crude ash
2,40 g RNB	
	8,0 MJ NEL

Additives per 1 kg of mixed feed

25 mg Copper ^{**)}	B-vitamins ^{*)}
150 mg Zinc ^{**)}	
150 mg Manganese ^{**)}	
2 mg Iodine	
0,5 mg Cobalt	
1 mg Selenium	

Feeding recommendations

- feed 2–3 kg **PANTO-POTENT® Transponder** daily per cow during high-lactating period