

# Creating robust young animals



# Valuable ingredients for young animals



A good start for a young animals life is important in the total life performance. The inclusion of specific animal proteins in starter diets for young animals will help boost the performance. Highly digestible protein sources with intrinsic functional components will support their intestinal health.

- Nutritional ingredients of animal origin have an excellent digestibility for young animals
- Plasma proteins support the digestion of young animals
- Relative low carbon footprint
- An effective natural alternative to reduce the use of antibiotics (and ZnO) by improving young animal health and technical performance

## Proglobulin®

Sonac produces porcine plasma proteins under the brand name Proglobulin®. Proglobulin® is rich in immunoglobulins (IgG) and other bioactive proteins that have a role in the immune system. Based upon extensive scientific trials and practical experience in Europe, North America and Asia it can be concluded that plasma proteins contribute to the reduction of antibiotics and the use of Zinc Oxide in piglets. Feeding plasma improves health (less diarrhoea) and technical performance in piglets (Average Daily Feed Intake and Average Daily Gain). Young chicks faces many challenges with an immature digestive system, especially when dealing with microbiological pathogens. Inclusion of spray dried plasma in starter diets for broilers will boost the performance of the broiler flock. The highly digestible protein source with intrinsic functional components supports the early growth.



**Rich in IgG**



**Reduce use of antibiotics and Zinc Oxide**



**Good fit in young animal feeds**



**Spray-dried**



The recommend inclusion level of Proglobulin® for piglets is 5% in the first 2 weeks, 2,5% for another 2 weeks and 1% in week 5. For young chicks the recommend inclusion level of Proglobulin® is either 5% in the first 3 days, or 2% the first 10 days.

### MucoPro

Our MucoPro is a natural palatability enhancer. This second-generation hydrolyzed porcine peptone product is easily digestible and hypo-allergenic. Looking at its characteristics MucoPro's main attractiveness can be found in the nutrition of young animals (piglets, chickens and calves) aiming for improvement of feed intake and offering a wide array of easily available amino acids. So we can think of weaner diets for piglets, pre-starters for young chickens, and starter milks for calves. Recommended inclusion level: 2-3%.

### Natural spray-dried hemoglobin powder

Our hemoglobin is sourced as hygienic cooled porcine blood and is collected after red blood cells and plasma separation. It is a natural spray dried quality ingredient suitable for young animal poultry feed.

#### Benefits:

- Good protein source
- Excellent digestibility
- High lysine content
- Water soluble
- Low potassium (K) content, reduces wet litter
- Good performance results in broiler diets



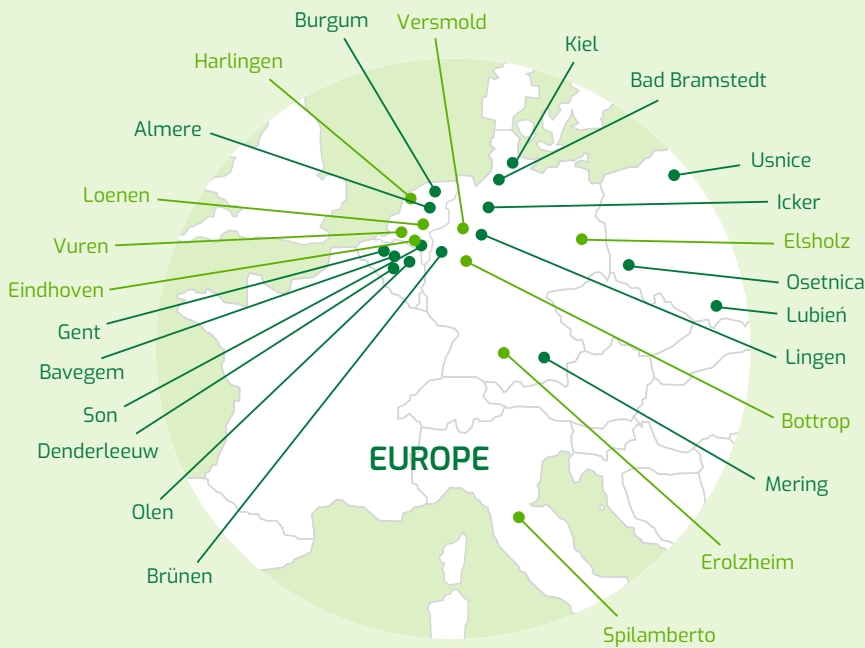
Want to know more about the usage of processed animal proteins for young animals?

## Products


	Allowed for	Crude Protein (%)	In vitro digestibility (%)	Specific characteristics	Species origin
<b>Proglobulin</b>		78 - 80%	99%	Porcine plasma, low ash	
<b>MucoPro</b>		80%	99%	Hydrolyzed mucosa protein	
<b>Pork hemoglobin</b>		90%	99%	Spray-dried	
<b>Poultry blood meal</b>		90%	95%		
<b>Poultry meat meal</b>		62 - 70%	87%		

## Sonac locations

● Petfood/feed grade ● Food grade



**For more information about our fats, proteins, minerals and specialties, please contact our Nutrients advisors:**

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**About Sonac:** Sonac is a leading manufacturer of reliable ingredients of animal origin. With an active R&D program, reliable processes and sustainable end products Sonac continuously adjusts to market needs. A good geographical spread of locations and a broad portfolio of fats, proteins, minerals and specialties make Sonac a trusted partner for many international producers in food, pet food, feed and fertilizers, worldwide. Sonac is part of Darling Ingredients.

**sonac**

**For more information about this specialty product please contact us:**

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