



"Inventing the standards for protein technology."

APPETEIN™ Patent Granted

On December 21, 1999, APC's Swine Products Division received some exciting news. Patent number 6,004,576 was granted by the United States Patent Office. A patent is an official document giving an inventor the exclusive right to make, use, and/or sell an invention. The patent awarded to APC protects our method for increasing weight gain and improving feed efficiency in animals in the first stages of life when fed a supplement consisting primarily of granulated animal plasma. The patented production process consists of spray-dried plasma powder that is compressed, ground, and then screened to the appropriate particle size. As a result of the granulation process, young pig performance is statistically improved when this product is used in swine diets, when compared to diets containing plasma powder. Another advantage of the granulated material is its flowability characteristic. Typically, powdered plasma products are difficult to handle when stored in bulk bins because the product doesn't flow easily and can become backed up inside the bin.

The Swine Division's revolutionary product APPETEIN is based on the concept protected by the patent. APPETEIN has been on the market since 1998 and remains the only granulated plasma product today. By patenting the granulation method and increased performance associated with this process, no other company has the right to produce such a product. APPETEIN's globulin protein levels are also standardized, which sets this product even further apart from other plasma products on the market.

APC file the patent application on August 11, 1997. The team that collected all of the necessary data and completed the rigorous patent paperwork consisted of Dr. Eric M. Weaver, Dr. Joy Campbell, and Dr. Louis Russell.