

## Kahl promotes protein shifting process

Amandus Kahl promoted a new process of protein shifting at Victam Asia 2008.

The development of the innovative process resulted from a collaboration between Kahl, F.H. Schule Muhlenbau and Hosokawa Alpine.

With depleting wild catch supply, fish meal is now expensive and scarce. The development of the new process enables the production of protein concentrates from high quality vegetable as a substitute for animal protein. Vegetable proteins are supplied by quickly reproducing legumes which are inexpensive and available worldwide.

The process of protein shifting is an economical and environmentally sound alternative for the supply of new protein resources.



Through this process, defined separation of shells and fibers of the legumes kernels by technology from F.H. Schule Muhlenbau ensures an economical process while Hosokawa Alpine's technology ensures fine grinding of legumes and separation by means of air classification into protein concentrate and starch concentrate. Amandus Kahl provides gentle pelleting using a flat die pelleting press and cooling for storage and transportation of the individual fractions, which are fine-grained to the extent that they can't be handled without prior pelleting.

"The protein shifting process is new in Asia. This technology will help



Bob Brill (second from left) and the Brill team at Victam Asia 2008 in Bangkok. See story page 25.

produce alternative protein products amid the current high commodity prices," said Olaf Naehrig, Senior Area Manager, Asia/Pacific.

As a technology and know-how supplier, Kahl sees Asia as a promising market as the needs for alternative raw material for feed will encourage Asia to seek innovative technology rather than lower-cost equipment as in the past, Mr Naehrig said.

Olaf Naehrig, Senior Area Manager, Asia/Pacific for Amandus Kahl (left) and his team at Victam Asia 2008.

## Feed & Grow identifies opportunities in Asia

Expecting more business opportunities in the Asia Pacific region, China-based Feed & Grow International Co Ltd participated in Victam for the first time with a new generation milk replacer.

The company officially launched the newly developed Diamond I fermented protein concentrate product for dairy cattle to help growers increase milk yield by up to 5%, said William Riley, PhD, Research Director at Feed & Grow International Co Ltd.

"We operate our own QC laboratory, and we also work

closely with Nanjing Agricultural University on R&D. The field trial for the new Diamond I product was conducted at a domestic dairy farm, and it demonstrated significantly improved performance," he added.

Diamond I, is rich in essential amino acids and supports the immune system's ability to fight disease, and improves milk yield and quality while extending the peak milking period.

In addition, the company's sales for swine products have been rising significantly in Vietnam, thanks to the rise in pork production, while sales in Thailand and the Philippines remain promising.

Based in Nanjing, China's eastern province of Jiangsu, Feed & Grow has a 40% market share in China, with products such as Super Fat 50 and Yogurt Plus, targeted at piglets, while its exports have grown more than 10% on a year-to-year basis.



Liang Yanying and William Riley of Feed & Grow International.