

FEEDTECH

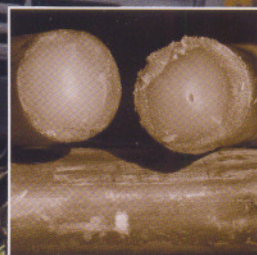
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Vinasse: A nutritional and environmental option



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08 | Correct particle size benefits animal performance

Feed producers must be concerned about the composition of the cereal grains and also closely manage the processing steps so that the animal may fully utilise the nutrients. Particle size reduction is an aspect that is of major importance, since it increases the surface area of the grain and thus allows for greater interaction with digestive enzymes. It has been studied for many years now, but still new data become available.



18 | Vinasse in animal feeding, a nutritional and environmental option

Vinasse, a by-product of ethanol production from sugar cane, is abundantly available in Cuba. Its nutritional value can be used as an additive to animal feed. Trials have shown that (concentrated) vinasse has several functional properties in improving animal performance.



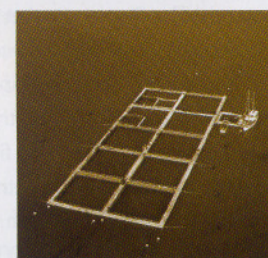
21 | Faba beans: An alternative protein source for animal feeds

The use of faba beans in animal feeds has been limited due to the presence of antinutritional factors (ANF). However, recent advances in plant breeding, advances in animal feed processing technology and the use of feed additives have helped to reduce the presence of ANFs.



29 | Aquaculture farms take environmental issues seriously

The decline in the world's fish stocks has led to an increasing demand for food from fish farming. Aquaculture is now a substantial global industry supplying a significant proportion of the fish and shellfish consumed. However, as with other forms of intensive farming there are environmental consequences.



Colophon

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