

## **Expeller Pressed Canola Meal Boosts Dietary Energy and Reduces Costs**

A swine nutritionist with Alberta Agriculture reports pork producers can reduce their feed costs by incorporating expeller pressed canola meal into swine rations. Expeller pressed canola meal differs from conventional solvent extracted canola meal in that the final step of using hexane to remove the last bits of oil is skipped. To reduce feed costs, researchers with the University of Alberta in partnership with Alberta Agriculture and Rural Development and Swine Innovation Porc is examining the nutritional implications of feeding expeller pressed canola meal to swine. The work will be discussed next week in Saskatoon during Saskatchewan Pork Industry Symposium 2012. Dr. Eduardo Beltranena, a feed research scientist with Alberta Agriculture and Rural Development, says expeller pressed canola meal offers an opportunity to reduce feed costs and dense up diets.

**Clip-Dr. Eduardo Beltranena-Alberta Agriculture and Rural Development:** Conventional solvent extracted canola meal is very very low in fat, about two percent but expeller pressed has a higher residual oil content and it can range between 10 and about 17 percent residual oil. Again, what I'm saying is that the solvent extraction is not there. Therefore these plants can be built at a lower cost in terms of infrastructure because they don't have the requirements and the higher cost that is needed to manage solvents in a plant. Therefore the canola meal can be produced at a lower cost than conventional solvent extracted canola meal. Dr. Beltranena says the higher energy levels of these higher residual oil expeller pressed canola meals offer the greatest advantage in late nursery and grower pig diets where pigs' appetites are limited and in early lactation where sows are mobilizing to initiate milk production.

For Farmscape.Ca, I'm Bruce Cochrane.

\*Farmscape is a presentation of Sask Pork and Manitoba Pork Council

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