



PORK BRIEFS

THE LATEST INFORMATION
ON SWINE NUTRITION



DDGS Great Value

By: Ken Palen

The way the political wind is blowing in China can have a major impact on the North American Markets. DDGS (Corn Distillers Dried Grains with Solubles) are a perfect example of this. Boat loads were going to China and the flow was stopped by the Chinese. Now all of a sudden the local market is buried in it. The great thing is DDGS is an excellent feedstuff for pigs. When added to the ration it provides some highly digestible fibre, lots of phosphorous, potassium, protein and energy with lots of fat. Table I shows an average analysis of DDGS available locally in comparison to local corn and 48% Soya Meal.

Table I. DDGS in Comparison to Corn and 48% Soya Meal (As Is Basis)

Nutrients	DDGS	Corn	Soya Meal
Protein	26%	8.0%	48.0%
Fat	10.5%	3.5%	1.1%
Fibre	8%	2.0%	3.5%
Calcium	0.02%	0.02%	0.3%
Phosphorous	0.75%	0.26%	0.65%
Potassium	1.00%	0.35%	2.0%

Typically DDGS are added to lactating sow rations at 10 to 20% (100 to 200 kg per tonne of complete feed) and dry sows commonly at 20%, with some rations up to 30%. Nursery pigs are usually fed lower levels of DDGS, starting at 5% (50 kg per tonne of complete feed) up to 10% (100 kg per TCF). For grower and finishers, where most of the feed is fed on a farrow to finish farm the typical use is 10% to 20% DDGS or 100 kg to 200 kg (TCF). Table II below shows the current potential savings on a finisher ration using straight corn, soya and fat versus diets using 10% and 20% DDGS. Commodity prices used are: corn at \$175.00/tonne and 48% SBM at \$575.00 per tonne and DDGS at \$150.00 per tonne. The example below is for top end finishing pigs at approximately 80 kg (175 lbs) to market.

cont.>>

Inside this Issue:

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Table II. Rations for Finishing Pigs

Components	Corn/SBM	10% DDGS	20% DDGS
Premix	25	-	-
DDGS Premix	-	22	22
DDGS	-	100	200
48% SBM	175	150	140
Dry Corn	775	710	626
Fat	25	18	12
Total	1000	1000	1000
Savings per Tonne	\$0	\$19.00	\$29.00

Approximate savings of \$19.00 to \$29.00 per tonne can be achieved now using DDGS. If we calculate 3.5 pigs fed per Tonne of feed in the finisher barn from 25 kg (55 lbs) to 125 kg (275 lbs), the savings per pig may range between \$5.40 per pig to \$8.30 per pig, just in the finishing barn.

Some producers have also noticed better gut health with the addition of the digestible fibre in DDGS. Researchers have backed up these claims in some studies. The fibre in DDGS make the floors harder to clean and in a few cases may have played a role in foaming pits, although researchers are struggling with what other factors may have been part of this foaming pit phenomenon.

In summary, there is currently an opportunity to cash in on some savings using DDGS. With any luck our corn quality is good and low in mycotoxins this fall, or our local DDGS could be high in mycotoxins as well. DDGS after processing will contain three times the level of the corn that was processed. Hopefully we have a great autumn, great harvest and great pig market this fall. Thank you.



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John Van Dorp has to say about
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John Van Dorp
Woodstock, Ontario



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