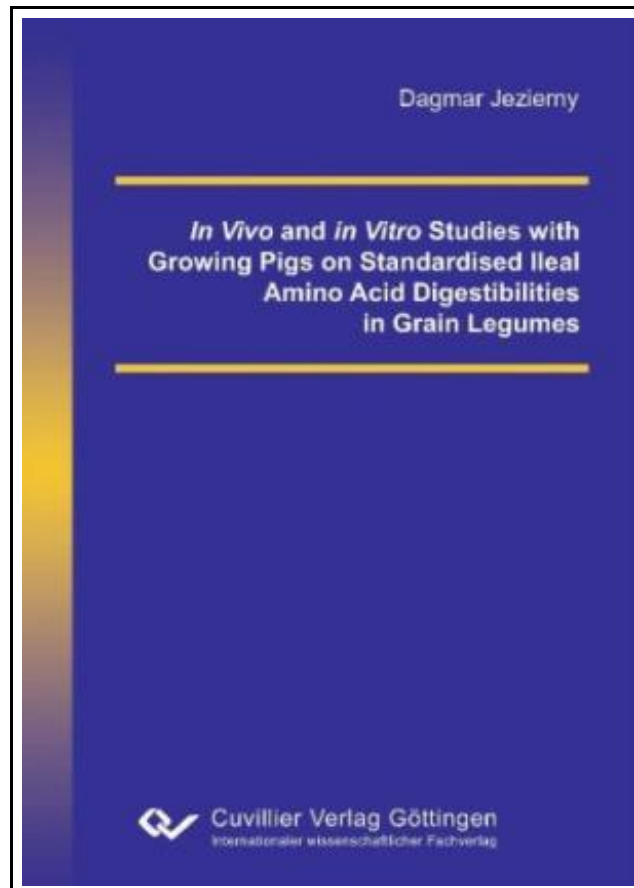


In Vivo and in Vitro Studies with Growing Pigs on Standardised Ileal Amino Acid Digestibilities in Grain Legumes



Filesize: 8.12 MB

Reviews



This book will not be simple to get going on reading but extremely exciting to read through. Yes, it can be play, still an interesting and amazing literature. I am very easily could possibly get a delight of reading a written book.

(Rene Olson)

IN VIVO AND IN VITRO STUDIES WITH GROWING PIGS ON STANDARDISED ILEAL AMINO ACID DIGESTIBILITIES IN GRAIN LEGUMES



Cuvillier Verlag Dez 2009, 2009. Taschenbuch. Book Condition: Neu. 211x147x22 mm. Neuware - Since there is a general ban on meat and bone meal and its by-products in diets for livestock in the EU, it is crucial to focus on alternative protein feed ingredients to be used in pig nutrition. Beside soybean meal as a commonly used plant protein supplement, grain legumes may also be used as alternative protein sources in diets for pigs. Current protein evaluation system for feed ingredients for pigs are based on the concept of standardised ileal digestibilities (SID) of crude protein (CP) and amino acids (AA), but there is a scarcity of information on SID of CP and AA in grain legumes grown in Central Europe. Therefore, the objective of the thesis was to determine the chemical composition and the SID of CP and AA in seed-grade cultivars of faba beans (*Vicia faba*), peas (*Pisum sativum*) and lupins (*Lupinus* spp.) in growing pigs using the difference method. Furthermore, to obtain SID of CP and AA, the basal ileal endogenous CP and AA losses in growing pigs were estimated by means of regression analysis from apparent ileal digestible and total dietary contents of CP and AA. A further aim of the thesis was directed to the validation of an in vitro procedure for estimates of SID of CP and AA in the same grain legumes by means of a two-step enzymatic method with subsequent pepsin and pancreatin incubations. The in vitro predicted SID values were compared with their corresponding in vivo SID values. The chemical composition and SID values of CP and AA measured in faba bean, pea and lupin cultivars generally were in good agreement with tabulated values. The average SID of CP and most AA in lupin cultivars (CP, 87%) were higher than in...

-  [Read In Vivo and in Vitro Studies with Growing Pigs on Standardised Ileal Amino Acid Digestibilities in Grain Legumes Online](#)
-  [Download PDF In Vivo and in Vitro Studies with Growing Pigs on Standardised Ileal Amino Acid Digestibilities in Grain Legumes](#)

Relevant eBooks



Growing Up: From Baby to Adult High Beginning Book with Online Access

Cambridge University Press, 2014. UNK. Book Condition: New. New Book. Shipped from US within 10 to 14 business days. Established seller since 2000.

[Read eBook »](#)



Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

Book Condition: Brand New. Book Condition: Brand New.

[Read eBook »](#)



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually...

[Read eBook »](#)



Ninja Adventure Book: Ninja Book for Kids with Comic Illustration: Fart Book: Ninja Skateboard Farts (Perfect Ninja Books for Boys - Chapter Books for Kids Age 8 - 10 with Comic Pictures Audiobook with Book)

Createspace, United States, 2013. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.BONUS - Includes FREE Dog Farts Audio Book for Kids Inside! For a...

[Read eBook »](#)



The Snow Baby A True Story with True Pictures

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 84 pages. Dimensions: 11.0in. x 8.5in. x 0.2in.A review from Kindergarten Review, Volume 12: Many young children have become so...

[Read eBook »](#)



Fart Book African Bean Fart Adventures in the Jungle: Short Stories with Moral
Createspace, United States, 2013. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Black White Illustration Version! BONUS - Includes FREE Dog Fart Audio Book for
[Download ePub »](#)



Music for Children with Hearing Loss: A Resource for Parents and Teachers
Oxford University Press Inc, United States, 2014. Paperback. Book Condition: New. 228 x 156 mm. Language: English . Brand New Book. Written by an expert in the field who is both a teacher and a
[Download ePub »](#)



On the Go with Baby A Stress Free Guide to Getting Across Town or Around the World by Ericka Lutz 2002 Paperback
Book Condition: Brand New. Book Condition: Brand New.
[Download ePub »](#)



Jesus Loves the Little Children/Jesus Loves Me: Sing-A-Story Book with CD
SHILOH KIDZ, 2016. UNK. Book Condition: New. New Book. Shipped from US within 10 to 14 business days. Established seller since 2000.
[Download ePub »](#)



Cloudy With a Chance of Meatballs
Atheneum Books for Young Readers, 1982. Paperback. Book Condition: New. No Jacket. New paperback print book copy of Cloudy with a Chance of Meatballs written by Judi Barrett. Drawn by Ron Barrett. New York: Athenium
[Download ePub »](#)