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FSTA

Mar Sanz Luengo

<http://www.ucm.es/BUCM/vet>

msanz@buc.ucm.es

Presentación: Carmen Muñoz Serrano

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- **Registrarse**
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Visualizar: Sólo texto | Normal | Grande | Pequeño | Alto contraste | English version Miércoles, 24 de junio de 2009

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1 FSTA Direct

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2

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You may combine search terms using AND, OR or NOT operators; use quotation marks for phrases and brackets for priority. Example: wheat AND ("vegetable oils" OR proteins). Use * for prefix wild-card searches.

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1 **2009-07-WJ0096**

TI **Protein intake during weight loss influences the energy required for weight loss and maintenance in cats.**

DA 05 May 2009
DT Journal Article

AU [Vasconcellos, R. S.](#); [Borges, N. C.](#); [Goncalves, K. N. V.](#); [Canola, J. C.](#); [Paula, F. J. A. de](#); [Malheiros, E. B.](#); [Brunetto, M. A.](#); [Carciofi, A. C.](#)

PY 2009

AD Correspondence address, A. C. Carciofi, Universidade Estadual Paulista, Faculdade de Ciencias Agrarias e Veterinarias, Departamento de Clinica e Cirurgia Veterinaria, 14884-900 Jaboticabal-Sao Paulo, Brazil. E-mail aulus.carciofi@gmail.com

SO *Journal of Nutrition* **139** 855-860

DO 10.3945/jn.108.103085

OA Articles free after 12 months

LA English

SN 0022-3166

AB The effects of 2 diets with different protein contents on weight loss and subsequent maintenance was assessed in obese cats. The control group [Co; n = 8; body condition score (BCS) = 8.6 ± 0.2] received a diet containing 21.4 g crude protein (CP)/MJ of metabolizable energy and the high-protein group (HP; n = 7; BCS = 8.6 ± 0.2) received a diet containing 28.4 g CP/MJ until the cats achieved a 20% controlled weight loss (0.92 ± 0.2%/wk). After the weight loss, the cats were all fed a diet containing 28.0 g CP/MJ at an amount sufficient to maintain a constant body weight (MAIN) for 120 d. During weight loss, there was a reduction of lean mass in Co (P < 0.01) but not in HP cats and a reduction in leptinemia in both groups (P < 0.01). Energy intake per kilogram of metabolic weight (kg^{-0.40}) to maintain the same rate of weight loss was lower (P < 0.04) in the Co (344 ± 15.9 kJ.kg^{-0.40}.d⁻¹) than in the HP group (377 ± 12.4 kJ.kg^{-0.40}.d⁻¹). During the first 40 d of MAIN, the energy requirement for weight maintenance was 398.7 ± 9.7 kJ.kg^{-0.40}.d⁻¹ for both groups, corresponding to 73% of the NRC recommendation. The required energy gradually increased in both groups (P < 0.05) but at a faster rate in HP; therefore, the energy consumption during the last 40 d of the MAIN was higher (P < 0.001) for the HP cats (533.8 ± 7.4 kJ.kg^{-0.40}.d⁻¹) than for the control cats (462.3 ± 9.6 kJ.kg^{-0.40}.d⁻¹). These findings suggest that HP diets allow a higher energy intake to weight loss in cats, reducing the intensity of energy restriction. Protein intake also seemed to have long-term effects so that weight maintenance required more energy after weight loss. ©American Society

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11 **2008-01-Wj0016**

TI How chicory fructans contribute to zootechnical performance and well-being in livestock and companion animals.

DA 05 Nov 2007
DT Journal Article
AU [Loo, J. van](#)
PY 2007
AD ORAFIT, B3300 Tienen, Belgium. E-mail jan.vanloo@orafit.com
SO *Journal of Nutrition* **137** 11 2594S-2597S
OA Articles free after 12 months
LA English
SN 0022-3166

AB Animals typically have a digestive tract for digestion of food and absorption of water. The intestinal tract is a nutrient-rich environment, as the digestive system of the host often lacks enzymes necessary to degrade certain food components. Other sources of nutrients originate from the high turnover of epithelial cells covering the intestinal surface and from the production of mucus. As the lining of the intestine is continuous with the skin, the interior intestinal space (chyme) of the intestine is external environment. There, as a consequence, is a continuous contamination pressure by bacteria that during evolution proved to be useful for further metabolism of nutrients, which the host failed to utilize. Intestinal flora coevolved with its host and the selection was driven by the intestinal architecture (morphology and transit scheme) and dietary habits of the host. Different animal species have different typical profiles of intestinal bacterial populations. The pertinently existing inter-individual differences between members of certain species are a variation on this typical profile. Animals in general seem not to be able to hydrolyze β -glycoside bonds, such as the chicory inulin $\beta(2-1)$ bond. Chicory fructans were shown to be prebiotic (selectively interacting with intestinal bacterial ecosystem) (1) in humans and in animals, including livestock and pets. This article describes how prebiotic feeding contributes to zootechnical performance of livestock (pig, calf, horse, broiler, laying hen, and fish), which is driven by intestinal functioning, and to animal well-being (mainly pets but also livestock) which has intestinal but also derived systemic origins. ©American Society for **Nutrition**. All rights reserved.

SC **Pet** foods

KW [ANIMALS](#); [BEVERAGES](#); [CARBOHYDRATES](#); [CHICORY](#); [FRUCTANS](#); [POLYSACCHARIDES](#); [PREBIOTICS](#); [VEGETABLES SPECIFIC](#); [PET FOODS](#); [PET NUTRITION](#); [PETS](#)

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12 **2008-01-Wv0017**

TI Weight management system for obese animals.

DA 05 Nov 2007
DT Patent
AU [Bui, L. M.](#); [Bierer, T. L.](#); [Wilson, M. J.](#)
PA [Mars Inc.](#)
PY 2007
AD Mars, McLean, VA, USA
SO United States Patent Application Publication

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The image shows a screenshot of a Windows Internet Explorer browser window displaying search results from FSTA Direct Search. The search criteria are 'CONTAINS(AF,'pet AND nutrition')'. The results list includes a 2008-01-Wj0016 article titled 'How chicory fructans contribute to zootechnical performance and well-being in livestock and companion animals' by Jan Van Loo. The article is from the Journal of Nutrition, 137(11), 2594S-2597S. The abstract discusses the role of chicory fructans in the digestive tract of livestock and companion animals, highlighting their prebiotic effects and contribution to zootechnical performance. The introduction mentions that chicory fructans are used in animal nutrition to improve digestive health and performance. The article is available in PDF format for free.

11 **2008-01-Wj0016**
TI **How chicory fructans contribute to zootechnical performance and well-being in livestock and companion animals.**
DA 05 Nov 2007
DT Journal Article
AU [Loo, J. van](#)
PY 2007
AD ORAFIT, B3300 Tienen, Belgium. E-mail jan.vanloo@orafit.com
SO *Journal of Nutrition* 137 11 2594S-2597S
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AB Animala typically have a digestive tract for digestion of food and absorption of water. The intestinal tract is a nutrient-rich environment, as the digestive system of the host often lacks enzymes necessary to degrade certain food components. Other sources of nutrients originate from the high turnover of epithelial cells covering the intestinal surface and from the production of mucus. As the lining of the intestine is continuous with the skin, the interior intestinal space (chyme) of the intestine is external environment. There, as a consequence, is a continuous contamination pressure by bacteria that during evolution proved to be useful for further metabolism of nutrients, which the host failed to utilize. Intestinal flora coevolved with its host and the selection was driven by the intestinal architecture (morphology and transit scheme) and dietary habits of the host. Different animal species have different typical profiles of intestinal bacterial populations. The pertinently existing inter-individual differences between members of certain species are a variation on this typical profile. Animals in general seem not to be able to hydrolyze β -glycoside bonds, such as the chicory inulin β (2-1) bond. Chicory fructans were shown to be prebiotic (selectively interacting with intestinal bacterial ecosystem) (1) in humans and in animals, including livestock and pets. This article describes how prebiotic feeding contributes to zootechnical performance of livestock (pig, calf, horse, broiler, laying hen, and fish), which is driven by intestinal functioning, and to animal well-being (mainly pets but also livestock) which has intestinal but also derived systemic origins. ©American Society for Nutrition. All rights reserved.
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12 **2008-01-Wv0017**

The right window shows the full article page for 'How Chicory Fructans Contribute to Zootechnical Performance and Well-Being in Livestock and Companion Animals' by Jan Van Loo. The article is published in the Journal of Nutrition, Volume 137, Issue 11, pages 2594S-2597S. The abstract states: 'Animals typically have a digestive tract for digestion of food and absorption of water. The intestinal tract is a nutrient-rich environment, as the digestive system of the host often lacks enzymes necessary to degrade certain food components. Other sources of nutrients originate from the high turnover of epithelial cells covering the intestinal surface and from the production of mucus. As the lining of the intestine is continuous with the skin, the interior intestinal space (chyme) of the intestine is external environment. There, as a consequence, is a continuous contamination pressure by bacteria that during evolution proved to be useful for further metabolism of nutrients, which the host failed to utilize. Intestinal flora coevolved with its host and the selection was driven by the intestinal architecture (morphology and transit scheme) and dietary habits of the host. Different animal species have different typical profiles of intestinal bacterial populations. The pertinently existing inter-individual differences between members of certain species are a variation on this typical profile. Animals in general seem not to be able to hydrolyze β -glycoside bonds, such as the chicory inulin β (2-1) bond. Chicory fructans were shown to be prebiotic (selectively interacting with intestinal bacterial ecosystem) (1) in humans and in animals, including livestock and pets. This article describes how prebiotic feeding contributes to zootechnical performance of livestock (pig, calf, horse, broiler, laying hen, and fish), which is driven by intestinal functioning, and to animal well-being (mainly pets but also livestock) which has intestinal but also derived systemic origins. © American Society for Nutrition. All rights reserved.' The introduction mentions that chicory fructans are used in animal nutrition to improve digestive health and performance. The article is available in PDF format for free.

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Authors "Godoy, M. R. C. de"

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Narrow search
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1 **2009-04-Wa0048**

TI Select corn coproducts from the ethanol industry and their potential as ingredients in pet foods.

DA 26 Jan 2009
DT Journal Article
AU [Godoy, M. R. C. de](#); [Bauer, L. L.](#); [Parsons, C. M.](#); [Fahey, G. C., Jr.](#)
PY 2009
AD Correspondence address, G. C. Fahey, Jr., University of Illinois at Urbana-Champaign, Urbana 61801, USA. E-mail gcfahay@illinois.edu
SO [Journal of Animal Science](#) **97** 1 189-199
DO 10.2527/jas.2007-0596
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AB The objectives of this study were to determine the chemical composition and nutritive value of corn protein product 1 (CPP 1), corn protein product 2 (CPP 2), and corn fiber (CF), novel coproducts of the ethanol industry, and compare these feed ingredients with standard plant protein ingredients [soybean meal (SBM), distillers dried grains with solubles (DDGS), corn gluten meal (CGM), and corn germ meal (CGeM)], and to compare CF sources (CF control 1 and control 2) with standard fiber sources (peanut hulls, Solka-Floc, and beet pulp) commonly used in pet foods. Corn fiber, CPP 1, and CPP 2 were produced at a pilot-scale modified dry-grind plant, with CPP 2 having a greater degree of purification than CPP 1. Crude protein values for CPP 2 and CPP 1 were 57.3 and 49.7%, respectively. Total dietary fiber concentration was 29% for CPP 2 and 23.5% for CPP 1. Acid-hydrolyzed fat and GE concentrations were similar for these ingredients. In a protein efficiency ratio assay, no differences ($P > 0.05$) in feed intake, BW gain, or CP intake were noted for CPP 2, CPP 1, or CGM. However, feeding CPP 2 resulted in a greater ($P < 0.05$) G:F ratio and protein efficiency ratio than CPP 1 and CGM. In a cecectomized rooster assay, CGM had numerically the greatest standardized total AA, total essential AA, and total nonessential AA digestibilities, but they were not different ($P > 0.05$) from CPP 1 or SBM values. Corn germ meal resulted in the least values, but they were not different from those for DDGS and CPP 1. The greatest values for true nitrogen-corrected ME were obtained with CGM, followed by CPP 2, DDGS, CPP 1, SBM, and CGeM. Distillers dried grains with solubles and CPP 1 had similar true nitrogen-corrected ME values, and they were not different from values for CPP 2 and SBM. In vitro CP disappearance was greatest ($P < 0.05$) for CGM (94.1%), intermediate for DDGS (76.8%) and CPP 1 (77.5%), and least for CPP 2 (74.1%) and CGeM (67.7%). Corn fibers contained predominantly insoluble dietary fiber (1% or less of soluble dietary fiber), with a moderate CP concentration. In vitro OM disappearance for the fiber sources, when using inoculum from dog feces, revealed that with the exception of beet pulp, which had a moderate disappearance value after 16 h of fermentation (17.7%), all fiber substrates had a nonsignificant extent of fermentation. In conclusion, novel corn coproducts had properties comparable with the standard protein and fiber sources used in animal nutrition. ©American Society of Animal Science. All rights reserved.

SC Pet foods

KW [BY-PRODUCTS](#); [CEREAL BY-PRODUCTS](#); [CEREAL PROTEINS](#); [COMPOSITION](#); [CORN](#); [ETHANOL](#); [FIBRE](#); [PROTEINS CEREAL](#); [PET FOODS](#)

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[BY-PRODUCTS](#) (1)

[Show only results from OA and free full text sources](#) (1)

Podemos tener acceso al texto completo del artículo

Búsqueda avanzada

The image shows two overlapping web browser windows. The left window is titled "FSTA Direct Search Results" and shows a search interface with the following details:

- Search query: `AL = 'Godoy, M. R. C. de' AND (PT = 'Journal of Animal Science')`
- Results: Page 1 of 1, Items: 1-1 of 1
- Selected result: 2009-04-Wa0048
- Title: **Select corn coproducts from the ethanol industry and their potential as ingredients in pet foods.**
- Author: **Godoy, M. R. C. de; Bauer, L. L.; Parsons, C. M.; Fahey, G. C., Jr.**
- Journal: *Journal of Animal Science* 87, 189-199
- Abstract (AB): The objectives of this study were to determine the chemical composition and nutritive value of corn protein product 1 (CPP 1), corn protein product 2 (CPP 2), and corn fiber (CF), novel coproducts of the ethanol industry, and compare these feed ingredients with standard plant protein ingredients [soybean meal (SBM), distillers dried grains with solubles (DDGS), corn gluten meal (CGM), and corn germ meal (CGeM)], and to compare CF sources (CF control 1 and control 2) with standard fiber sources (peanut hulls, Solka-Floc, and beet pulp) commonly used in pet foods. Corn fiber, CPP 1, and CPP 2 were produced at a pilot-scale modified dry-grind plant, with CPP 2 having a greater degree of purification than CPP 1. Crude protein values for CPP 2 and CPP 1 were 57.3 and 49.7%, respectively. Total dietary fiber concentration was 29% for CPP 2 and 23.5% for CPP 1. Acid-hydrolyzed fat and GE concentrations were similar for these ingredients. In a protein efficiency ratio assay, no differences ($P > 0.05$) in feed intake, BW gain, or CP intake

The right window is titled "Select corn coproducts from the ethanol industry and their potential as ingredients in pet food" and displays the full text of the article from the *Journal of Animal Science*. The article title and authors are the same as in the search results. The abstract text is partially visible and matches the abstract in the search results. The right sidebar of the article page contains navigation links such as "HOME", "HELP", "FEEDBACK", "SUBSCRIPTIONS", "ARCHIVE", "SEARCH", "TABLE OF CONTENTS", "This Article", "Free Via Open Access", "PDF version of: de Godoy et al. 87 (1): 189. (2009)", "Abstract", "Full Text (HTML)", "All Versions of this Article: jas.2007-0596v1 87/1/189 most recent", "Alert me when this article is cited", "Alert me if a correction is posted", "Services", "Similar articles in this journal", "Similar articles in PubMed", and "Alert me to new issues of the".

Utilidades: exportar citas

The screenshot displays the FSTA Direct website interface. At the top left is the i/fis logo (International Food Information Service). The main header includes 'FSTA | Direct' and the date 'Wednesday 24 June 2009'. Navigation links for 'Home', 'Admin', and 'News' are present. A secondary navigation bar contains 'Print', 'Export', 'Select', and 'Change View'. A dropdown menu is open under 'Export', showing options: 'Export All', 'Export Selected', and 'Export Page'. The search area features 'Easy search', 'Guided search', and 'Advanced search' tabs. Below these is a search bar with the query 'pet AND nutrition' and a 'Search' button. A 'Customize' box contains the filter 'CONTAINS(AF,'pet AND nutrition)'. The search results list one item: '2009-07-WJ0096'. The article title is 'Protein intake during weight loss influences the energy required for weight loss and maintenance in cats.' The abstract text is partially visible, starting with 'The effects of 2 diets with different protein contents on weight loss and subsequent maintenance was assessed in obese cats...'. On the right side, there is a 'FSTA search status' section with 'Welcome: carmen' and a 'Log out' link. Below that is 'My FSTA searches' and 'Filter your results' sections. A blue arrow points from the 'Export Selected' option in the dropdown menu to the 'Export Selected' text in a callout box on the right.

Seleccionamos los artículos que nos interesan y pinchamos en **Export Selected**

Utilidades: exportar citas a un archivo

The screenshot displays the FSTA Direct website interface. At the top, there are navigation links for Home, Admin, and News, along with the date Wednesday 24 June 2009. A search bar is visible with the text 'Advanced search' and a 'Search' button. Below the search bar, there is a section for 'FSTA search status' showing 'Welcome: carmen', 'Last updated: 22 Jun 2009', and 'Records: 841,394'. A 'Descarga de archivos' dialog box is open in the foreground, asking '¿Desea abrir o guardar este archivo?' with options 'Abrir', 'Guardar', and 'Cancelar'. The dialog box shows the file name 'Results.html', type 'HTML Document, 9,57 KB', and source 'www.fstadirect.com'. A warning message at the bottom of the dialog box states: 'Aunque los archivos procedentes de Internet pueden ser útiles, algunos archivos pueden llegar a dañar el equipo. Si no confía en el origen, no abra ni guarde este archivo. ¿Cuál es el riesgo?'. The background shows search results for '2009-07-Wj0096' with a title 'Protein intake during weight loss influences the energy maintenance in cats.' and a detailed abstract.

1. Si queremos guardar las referencias en un **archivo** de texto, seleccionamos el formato **Plain Text** o **HTML**, y pinchamos **Save**

2. Pinchamos en **Guardar** y guardamos el archivo en nuestra unidad de memoria

Utilidades: exportar citas a un gestor

The screenshot displays the FSTA Direct website interface. At the top, there is a navigation bar with 'Home', 'Admin', and 'News'. Below this, there are options for 'Print', 'Export', 'Select', and 'Change View'. The main content area shows search results for '2009-07-Wj0096', including a title 'Protein intake during weight loss influences the energy maintenance in cats.' and a list of authors: 'Vasconcellos, R. S.; Borges, N. C.; Goncalves, K. N. V.; Canola, E. B.; Brunetto, M. A.; Carciofi, A. C.'. A 'Descarga de archivos' dialog box is open, showing a file named 'Results.ris' with a size of 4.62 KB. The dialog has buttons for 'Abrir', 'Guardar', and 'Cancelar'. A warning message at the bottom of the dialog states: 'Aunque los archivos procedentes de Internet pueden ser útiles, algunos archivos pueden llegar a dañar el equipo. Si no confía en el origen, no abra ni guarde este archivo. ¿Cuál es el riesgo?'. On the right side of the page, there is a 'FSTA search status' section with 'Welcome: carmen', 'Last updated: 22 Jun 2009', and 'Records: 841,394'. At the bottom, there is a taskbar with various application icons and the system clock showing '21:15'.

1. Si queremos exportar las referencias a un gestor bibliográfico, elegimos el formato **EndNote/ReferenceManager/Procite** y pinchamos **Save**







2. Guardamos el archivo en formato **.ris** para luego abrirlo con un gestor bibliográfico

Utilidades: enviar citas por email

The screenshot displays the FSTA Direct website interface. At the top, there is a navigation bar with 'Home', 'Admin', and 'News' links, and a date indicator 'Wednesday 24 June 2009'. Below this, a search bar is visible with options for 'Easy search', 'Guided search', and 'Advanced search'. The search results page shows 'Page: 1 of 13 Items: 1-10 of 126'. A search filter is set to 'CONTAINS(AF,'pet AND nutrition')'. The first search result is titled '2009-07-WJ0096' and is a journal article from 'Journal of Nutrition' (2009) with the title 'Protein intake during weight loss influences the energy required for weight loss and maintenance in cats.' An 'Export Results' dialog box is open over the search results, showing the URL 'http://www.fstadirect.com/SaveResults.aspx?Items=SEL&SearchHistoryII'. The dialog allows selecting the export format (HTML is selected) and includes a 'Send to email' field with the address 'cmserrano@buc.ucm.es' and a 'Send' button. A blue arrow points from the 'Send' button in the dialog to a text box on the right. The text box contains the instruction: '1. Si queremos enviar citas por email, elegimos el formato, introducimos la dirección de correo y pinchamos Send'. The Windows taskbar at the bottom shows several open applications, including 'Inicio', 'carmen', 'Microsoft PowerPoint...', 'FSTA Direct Search R...', 'FSTA Export Results ...', 'FSTA - Paint', and system icons for 'ES', 'Norton', and the time '21:17'.

1. Si queremos enviar citas por email, elegimos el formato, introducimos la dirección de correo y pinchamos Send

Utilidades: enviar citas por email

Responder Responder a todos Reenviar       Ayuda

De: admin@fstadirect.com [admin@fstadirect.com]
Para: Carmen Muñoz Serrano
CC:
Asunto: FSTA Search Results
Datos adjuntos:

Enviado el: mié 24/06/2009 21:16

You have been sent records from FSTA Direct by cmserrano@buc.ucm.es.
Search strategy: pet nutrition

3 records

For further information on FSTA Direct or IFIS, please go to Food Science Central (www.foodsciencecentral.com) - the home of IFIS on the web.

NO: 1
AN: 2009-07-Wj0096
TI: Protein intake during weight loss influences the energy required for weight loss and maintenance in cats.
DA: 05-May-2009
DT: Journal Article
AU: Vasconcellos, R. S.; Borges, N. C.; Goncalves, K. N. V.; Canola, J. C.; Paula, F. J. A. de; Malheiros, E. B.; Brunetto, M. A.; Carciofi, A. C.
PY: 2009
AD: Correspondence address, A. C. Carciofi, Universidade Estadual Paulista, Faculdade de Ciencias Agrarias e Veterinarias, Departamento de Clinica e Cirurgia Veterinaria, 14884-900 Jaboticabal-Sao Paulo, Brazil. E-mail aulus.carciofi@gmail.com
SO: Journal of Nutrition 139 (5) 855-860
DO: 10.3945/jn.108.103085
OR: Articles free after 12 months
LA: English
SN: 0022-3166
AB: The effects of 2 diets with different protein contents on weight loss and subsequent maintenance was assessed in obese cats. The control group [Co; n = 8; body condition score (BCS) = 8.6 ± 0.2] received a diet containing 21.4 g crude protein (CP)/MJ of metabolizable energy and the high-protein group (HP; n = 7; BCS = 8.6 ± 0.2) received a diet containing 28.4 g CP/MJ until the cats achieved a 20% controlled weight loss (0.92 ± 0.2%/wk). After the weight loss, the cats were all fed a diet containing 28.0 g CP/MJ at an amount sufficient to maintain a constant body weight (MAIN) for 120 d. During weight loss, there was a reduction of lean mass in Co (P < 0.01) but not in HP cats and a reduction in leptinemia in both groups (P < 0.01). Energy intake per kilogram of metabolic weight (kg-0.40) to maintain the same rate of weight loss was lower (P < 0.04) in the Co (344 ± 15.9 kJ.kg-0.40.d-1) than in the HP group (377 ± 12.4 kJ.kg-0.40.d-1). During the first 40 d of MAIN, the energy requirement for weight maintenance was 398.7 ± 9.7 kJ.kg-0.40.d-1 for both groups, corresponding to 73% of the NRC recommendation. The required energy gradually increased in both groups (P < 0.05) but at a faster rate in HP; therefore, the energy consumption during the last 40 d of the MAIN was higher (P < 0.001) for the HP cats (533.8 ± 7.4 kJ.kg-0.40.d-1) than for the control cats (462.3 ± 9.6 kJ.kg-0.40.d-1). These findings suggest that HP diets allow a higher energy intake to weight loss in cats, reducing the intensity of energy restriction. Protein intake also seemed to have long-term effects so that weight maintenance required more energy after weight loss. ©American Society for Nutrition. All rights reserved.
SC: Pet foods
KW: DIET; DISEASES; OBESITY; PROTEINS; PET FOODS; ANTHROPOMETRIC PARAMETERS; THERAPY; PET NUTRITION; CAT FOODS; CATS; WT. LOSS DIET; PETS

NO: 2
AN: 2009-06-Wv0086
TI: Coated pet food composition.
DA: 06-Apr-2009
DT: Patent
AU: Scherl, D. S.; Dodd, C. E.; Qvyjt, F. (Patent assignee(s):Hill's Pet Nutrition Inc.)
PY: 2009

Zona desconocida (Mixto) 100%

Utilidades: crear alertas



FSTA | Direct™

Home Admin News Wednesday 24 June 2009
Print Export Select Change View Dictionary Help

Easy search Guided search Advanced search

Results Page: 1 of 13 Items: 1-10 of 126 12345 >>> >

Order your results By Date of Addition

Narrow search By search term

For search **pet AND nutrition** Save Search

Customize CONTAINS(AF,'pet AND nutrition') Search

1 **2009-07-WJ0096**

TI **Protein intake during weight loss influences the energy required for weight loss and maintenance in cats.**

DA 05 May 2009
DT Journal Article
AU Vasconcellos, R. S.; Borges, N. C.; Goncalves, E. B.; Brunetto, M. A.; Carciofi, A. C.
PY 2009
AD Correspondence address, A. C. Carciofi, Univas Agrarias e Veterinarias, Departamento de Clin. Paulo, Brazil. E-mail aulus.carciofi@gmail.com
SO *Journal of Nutrition* 139 5 855-860
DOI 10.3945/jn.108.103085
OA Articles free after 12 months
LA English
SN 0022-3166

AB The effects of 2 diets with different protein contents on weight loss and subsequent maintenance was assessed in obese cats. The control group [Co; n = 8; body condition score (BCS) = 8.6 ± 0.2] received a diet containing 21.4 g crude protein (CP)/MJ of metabolizable energy and the high-protein group (HP; n = 7; BCS = 8.6 ± 0.2) received a diet containing 28.4 g CP/MJ until the cats achieved a 20% controlled weight loss (0.92 ± 0.2%/wk). After the weight loss, the cats were all fed a diet containing 28.0 g CP/MJ at an amount sufficient to maintain a constant body weight (MAIN) for 120 d. During weight loss, there was a reduction of lean mass in Co (P < 0.01) but not in HP cats and a reduction in leptinemia in both groups (P < 0.01). Energy intake per kilogram of metabolic weight (kg^{-0.40}) to maintain the same rate of weight loss was lower (P < 0.04) in the Co (344 ± 15.9 kJ.kg^{-0.40}.d⁻¹) than in the HP group (377 ± 12.4 kJ.kg^{-0.40}.d⁻¹). During the first 40 d of MAIN, the energy requirement for weight maintenance was 398.7 ± 9.7 kJ.kg^{-0.40}.d⁻¹ for both groups, corresponding to 73% of the NRC recommendation. The required energy gradually increased in both groups (P < 0.05) but at a faster rate in HP; therefore, the energy consumption during the last 40 d of the MAIN was higher (P < 0.001) for the HP cats (533.8 ± 7.4 kJ.kg^{-0.40}.d⁻¹) than for the control cats (462.3 ± 9.6 kJ.kg^{-0.40}.d⁻¹). These findings suggest that HP diets allow a higher energy intake to weight loss in cats, reducing the intensity of energy restriction. Protein intake also seemed to have long-term effects so that weight maintenance required more energy after weight loss. ©American Society

Save Search - Windows...
http://www.fstadirect.com/SaveSearch.asp
What name do you want to give to this search?
pet nutrition
Save Cancel

FSTA search status
Welcome: carmen Log out
Last updated: 22 Jun 2009
Records: 841,394
All data View: Full
All document types Items on page: 10
All languages Highlighting: On
All Sections Landing: Easy
Set Name Set Preferences

My FSTA searches

Filter your results

Filter your results by Keywords Year Source Document Type Author
PETS (77)
PET NUTRITION (75)
PET NUTRITION (71)
DOG FOODS (20)
DEVELOPMENTS (18)
CAT FOODS (13)
DISEASES (12)
DOGS (12)
HEALTH (11)
INGREDIENTS (11)
Show only results from OA and free full text sources (15)

1. Después de hacer la búsqueda pinchamos **Save search**

2. Le damos un nombre a nuestra búsqueda y pinchamos **Save**

Utilidades: crear alertas



FSTA | Direct™

The screenshot displays the FSTA Direct website interface. At the top, there are navigation links for Home, Admin, and News, along with the date Wednesday 24 June 2009. Below this, there are options for Print, Export, Select, and Change View. The main search area includes 'Easy search', 'Guided search', and 'Advanced search'. The search results show 'Page: 1 of 13 Items: 1-10 of 126'. A search filter is set to 'CONTAINS(AF,'pet AND nutrition')'. On the right, the 'FSTA search status' panel shows the user 'carmen' and the number of records '841,394'. Below this is a 'Filter your results' section with various categories like PETS (77), PET FOODS (75), etc. Three callout boxes provide instructions: 1. '3. Pinchamos My FSTA searches' points to the 'My FSTA searches' button. 2. '4. Elegimos nuestra búsqueda y en el menú que se despliega pinchamos Set Alert' points to the 'Set Alert' option in the dropdown menu. 3. '5. Establecemos la frecuencia de la alerta y el formato de las referencias bibliográficas y pinchamos OK' points to the 'Set As Alert' dialog box, which shows 'Frequency' set to 'Weekly' and 'View Type' set to 'Title'. The dialog also has 'Format' set to 'Plain Text' and 'OK' and 'Cancel' buttons.

3. Pinchamos My FSTA searches

4. Elegimos nuestra búsqueda y en el menú que se despliega pinchamos Set Alert

5. Establecemos la frecuencia de la alerta y el formato de las referencias bibliográficas y pinchamos OK

Diccionario



FSTA | Direct™

Home Admin News Wednesday 24 June 2009

Dictionary Help

Dictionary of Food Science and Technology - W...
http://www.fstadirect.com/Dictionary.aspx

Dictionary

Browse the headword list:

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

obesity

Greek symbols Find

< Back Forward >

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Internet 100%

FSTA search status




Welcome: carmen [Log out](#)

Last updated: 22 Jun 2009
Records: 841,394

All data View: Full
All document types Items on page: 10
All languages Highlighting: On
All Sections Landing: Easy
[Set Limits](#) [Set Preferences](#)

My FSTA searches

Saved Searches

pet nutrition   

Session Search History [Clear](#)

#2	pet nutrition	126
#1	pet nutrition	126

Combine Searches

Combine [Clear](#)

Introducimos nuestro término en la caja de búsqueda y pinchamos **Find**

Diccionario



FSTA | Direct™

Home Admin News Wednesday 24 June 2009

Dictionary Help

Easy search Guided search Advanced search

You may complete phrases (e.g. proteins). Use Greek symbols

Dictionary of Food Science and Technology - W...
http://www.fstadirect.com/Dictionary.aspx

FSTA | Direct™

Dictionary

Browse the headword list:

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Greek symbols Find

OBESITY

< Back Forward >

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Internet 100%

FSTA search status




Welcome: carmen [Log out](#)

Last updated: 22 Jun 2009
Records: 841,394

All data: View: Full
All document types: Items on page: 10
All languages: Highlighting: On
All Sections: Landing: Easy
[Set Limits](#) [Set Preferences](#)

My FSTA searches

Saved Searches

pet nutrition   

Session Search History [Clear](#)

#2	pet nutrition	126
#1	pet nutrition	126

Combine Searches

[Combine](#) [Clear](#)

Si pinchamos sobre él, podremos ver su definición y sus términos relacionados

Diccionario



IFIS
INTERNATIONAL FOOD INFORMATION SERVICE

FTA | Direct™

Home Admin News Wednesday 24 June 2009

Dictionary Help

Easy search Guided search Advanced search

FTA search status

You may combine for phrases and proteins). Use " for

Dictionary of Food Science and Technology - W...
http://www.ftadirect.com/Dictionary.aspx

Welcome: [carmen](#)
[Log out](#)

Last updated: 22 Jun 2009
Records: 841,394

All data View: Full
All document types Items on page: 10
All languages Highlighting: On
All Sections Landing: Easy
[Set Limits](#) [Set Preferences](#)

FTA | Direct™
Dictionary

Browse the headword list:

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Greek symbols Find

Term: OBESITY
Definition: Condition in which **body wt.** is excessive due to the accumulation of body fat. Commonly defined as a **body mass index** of $\geq 30 \text{ kg/m}^2$, in contrast to **overweight** ($25\text{--}29.9 \text{ kg/m}^2$). Associated with increased risk of developing a range of **diseases**, such as **cardiovascular disease**, adult-onset **diabetes**, and some forms of **cancer**. Lifestyle interventions to prevent or reverse obesity include adoption of a wt. loss diet, increased **physical activity** and/or consuming **functional foods** designed for this purpose.

< Back Forward >

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Internet 100%



FTA | Direct™

Home Admin News Wednesday 24 June 2009

Dictionary Help

Easy search Guided search Advanced search

FTA search status

You may combine for phrases and proteins). Use " for

Dictionary of Food Science and Technology - W...
http://www.ftadirect.com/Dictionary.aspx

Welcome: [carmen](#)
[Log out](#)

Last updated: 22 Jun 2009
Records: 841,394

All data View: Full
All document types Items on page: 10
All languages Highlighting: On
All Sections Landing: Easy
[Set Limits](#) [Set Preferences](#)

FTA | Direct™
Dictionary

Browse the headword list:

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Greek symbols Find

Term: OBESITY Definition
Broader terms Definition
DISEASES Definition
Related terms
ANTHROPOMETRIC PARAMETERS Definition
BODY COMPOSITION Definition
BODY WT. Definition

< Back Forward >

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Internet 100%

My FSTA searches

Saved Searches

pet nutrition

Session Search History


#2 pet nutrition 126

#1 pet nutrition 126

Combine Searches

Combine

Ayuda



Contents


- Welcome
- Getting started - the Home page
- Screen-based help
- Topic-based help
- FAQs
- Help from IFIS

Index


◀ Back Forward ▶

FSTA Direct Help


Online Help




Getting started - the Home page




Screen-based help



Topic-based help




FAQs



Help from IFIS

Ask Us



If you're unable to find what you're looking for in this help system, try these alternative resources:

- FSTA Direct announcements
- FAQs


Alternatively, please contact our customer support department

Email: ifs@ifs.org
Phone: +44 (118) 988 3895
Fax: +44 (118) 988 5065

Office hours are normally 09.00-17.00 GMT.


Welcome

Welcome to the online help system for FSTA Direct. Browse through the help pages by clicking on the links above, browsing the Index, or selecting pages in the table of contents, left. To quickly find specific information, enter search criteria in the search box above and click the search button.

In FSTA Direct the  icon on each screen also links directly to page-specific Help.

Most popular pages

- Welcome
- Getting started - the Home page
- Screen-based help
- Results page
- Exporting records
- Easy search
- Searching and handling records FAQs
- Topic-based help

 Print

Muchas gracias por vuestra atención
