



Admin News Wednesday 24 June 2009

Dictionary Help

### Welcome to FSTA Direct

FSTA Direct from IFIS Publishing offers access to the entire FSTA - Food Science and Technology Abstracts database via either subscription or paypay.  
[Click here for the benefits of FSTA Direct](#)

### News and announcements

**IFT members receive a 20% discount on FSTA Custom Alerts!** - 07 Jun 2009  
 FSTA Custom Alerts™ are bespoke alerts designed especially for your business. Experts at IFIS work with you to put together the most relevant search profile unique to you. This service is based on the FSTA – Food Science and Technology Abstracts database®, a resource comprising scientific research from over 1000 international journals. Receive FSTA Custom Alerts [...] [more...](#)

**Crib sheets updated: working with patent records using Espacenet** - 14 Jan 2009  
 A new crib sheet has been added to the FSTA Direct Help Crib Sheets section. The topic covered is Working with patent records in FSTA Direct: A guide to functionality at Espacenet. Patent records in FSTA Direct include links to the free full text of source patents as held at Espacenet. This crib sheet briefly introduces [...] [more...](#)

**FSTA Direct Twitter feed** - 12 Jan 2009  
 An FSTA Direct Twitter feed is now available at twitter.com/ftstirect (recent updates are also shown in the Twitter feed side panel on this site). If you are a Twitter user please sign up to follow our feed to be alerted of service problems and resolutions as well as product and Help updates. [...] [more...](#)

**Crib sheets updated: working with FSTA Direct RSS feeds** - 06 Jan 2009  
 A new crib sheet has been added to the FSTA Direct Help Crib Sheets section. The topic covered is Working with FSTA Direct RSS feeds and includes examples of using Internet Explorer, Google Reader, and FeedReader to manage RSS feeds of saved searches. [more...](#)

© IFIS Publishing 2009 - All Rights Reserved

### FSTA search status

Welcome: Universidad Complutense [Log out](#)

Last updated: 22 Jun 2009  
 Records: 841,294

All data All document types View: Full  
 All languages Terms on page: 10  
 All sections Highlighting: On  
 Landing: Easy

[Set limits](#) [Set preferences](#)

**Search FSTA Direct**

FSTA Direct users can save searches and create alerts; log in to access these features here

Username

Password

**Log in**

[Create account](#)  
[Password Reminder >>](#)

**Help and information from IFIS** **Help and information from your library**

[Getting Started](#)  
[Crib Sheets](#)  
[Online Help](#)  
[Full Manual \(PDF\)](#)  
[FAQs](#)  
[IFIS Helpdesk](#)

[Full text terms of supply](#)  
[FSTA Direct subscription terms and conditions](#)  
[FSTA Direct privacy](#)

# FSTA

Mar Sanz Luengo

Madrid, 3 de diciembre de 2009

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

[msanz@buc.ucm.es](mailto:msanz@buc.ucm.es)

Presentación: Carmen Muñoz Serrano



# Guión

---

- **Acceder a FSTA**
- **Registrarse**
- **Búsqueda básica**
- **Búsqueda guiada**
- **Utilidades**
- **Diccionario**
- **Ayuda**

# Acceder a FSTA

The screenshot shows the website of the Biblioteca Complutense Veterinaria. At the top left is the logo of the Universidad Complutense Madrid. The main header includes the text 'Biblioteca Complutense Veterinaria' and navigation links for 'Inicio/Buscar', 'Servicios', 'Bibliotecas', 'Colección Digital', and 'Ayuda'. Below the header, there are tabs for 'Libros y más', 'Artículos', 'Revistas', 'Bases de datos', 'Eprints', and 'Otros recursos'. A search bar contains the text 'fsta' and a 'Buscar' button. Below the search bar, there are radio buttons for 'Catálogo', 'Catálogo en pruebas', and 'Libros digitalizados'. A callout box points to the search bar with the text 'Tecleamos Fsta en la caja de búsqueda'. To the right of the search bar, there are links for 'Horario', 'Tutoriales', 'Refworks', 'Actualidad Veterinaria', 'Intranet', 'Apoyo a la docencia', 'Cursos biblioteca', 'Obtención de documentos', and 'Personal'. Below these links, there is a section titled 'Biblioteca Informa' with a 'Noticias' tab. The main content area features a section for 'El portal de Fondo Antiguo de la UCM en la Biblioteca Virtual Cervantes', which includes a small image of books and a description: 'La Biblioteca Complutense pone a disposición de los usuarios de la Biblioteca Virtual Miguel de Cervantes las colecciones Biblioteca Digital Dioscórides y el Archivo Rubén Darío, a través del portal institucional Universidad Complutense. Fondo Antiguo y Colecciones Singulares.' Below this, there is a list of news items: 'Del saber de las estrellas', 'El Campus de Mondoa elegido Campus de Excelencia Internacional', 'Jornada DOCUMAT: Digitalizaciones y documentación científica en Matemáticas', and 'Más...'. A 'Suscribirse' button is located at the bottom right of this section. On the right side of the page, there is a sidebar with an 'AVISOS' section containing a notice about the closure of the library on December 7th and information about the 'Curso CAB DIRECT, EMBASE y FSTA'. Below the notices, there are links for 'Información', 'Pregúntanos', 'Guías temáticas', 'Mi Cuenta', 'Web Fac. Veterinaria', 'Bibliografías Fac. Vet.', 'Índice de Impacto (JCR)', 'Acceso a PUBMED', and 'Boletín Nuevas Adquisiciones'.

Universidad Complutense Madrid

Biblioteca Complutense Veterinaria

Inicio/Buscar Servicios Bibliotecas Colección Digital Ayuda

Libros y más Artículos Revistas Bases de datos Eprints Otros recursos

fsta Buscar

Catálogo Catálogo en pruebas Libros digitalizados

Tecleamos Fsta en la caja de búsqueda

Horario Tutoriales Refworks Actualidad Veterinaria Intranet Apoyo a la docencia Cursos biblioteca Obtención de documentos Personal

Biblioteca Informa Noticias

El portal de Fondo Antiguo de la UCM en la Biblioteca Virtual Cervantes

La Biblioteca Complutense pone a disposición de los usuarios de la Biblioteca Virtual Miguel de Cervantes las colecciones Biblioteca Digital Dioscórides y el Archivo Rubén Darío, a través del portal institucional Universidad Complutense. Fondo Antiguo y Colecciones Singulares.

Del saber de las estrellas

El Campus de Mondoa elegido Campus de Excelencia Internacional

Jornada DOCUMAT: Digitalizaciones y documentación científica en Matemáticas

Más...

Suscribirse

**AVISOS**  
ATENCIÓN 7 de diciembre CERRADO// Curso CAB DIRECT, EMBASE y FSTA el 3 diciembre a las 13h. ¡Apúntate!// PRÉSTAMO DE PORTÁTILES EN LA SALA. Más información en Préstamo.

Información

Pregúntanos

Guías temáticas

Mi Cuenta

Web Fac. Veterinaria

Bibliografías Fac. Vet.

Índice de Impacto (JCR)

Acceso a PUBMED

Boletín Nuevas Adquisiciones

Boletín Sumarios Vet.

Internet 100%

# Acceder a FSTA

[Comenzar](#) [Modificar](#) [Otra Búsqueda](#) (Historial de búsqueda)

PALABRA CLAVE

Mostrar sólo títulos con ejemplares disponibles

Encontrados 2 resultados. Ordenado por **relevancia** | fecha | título .

## PALABRAS CLAVE (1-2 de 2)

Resultados más relevantes: entradas 1-2

### 1 FSTA Direct

[Descripción](#)

Base de datos bibliográfica de alimentos. También con... de unas 1.800 revistas, y además libros, informes y disposiciones legales, del área de la tecnología de los

Accedemos a  
FSTA

2000-

2

FSTA direct [Recurso electrónico] : Food Science and Technology Abstracts / International Food Information Service  
*Shinfield (Reino Unido) : International Food Information Service, 2000-*  
Ubicación: Bibl.Digital Complutense

[Otros recursos](#)

Texto completo o información adicional

[Comenzar](#) [Modificar](#) [Otra Búsqueda](#) (Historial de búsqueda)

# Acceder a FSTA

Rellene el siguiente formulario si desea realizar operaciones personalizadas en la biblioteca.

**Aviso:** Introduzca el número de su DNI, NIE o Pasaporte en lugar del código de barras del carné de la Biblioteca

Nombre y Apellidos	<input type="text"/>	
DNI, NIE o Pasaporte	<input type="text"/>	¿Cómo introducir este número?
Introduzca su PIN:	<input type="text"/>	¿Qué es el PIN?

**¿Ha olvidado su PIN?**

**NOTA:** Si no tiene PIN puede crear uno en esta página. Después de introducir su Nombre y apellidos y el número de DNI, NIE (Número de identificación de extranjeros) o Pasaporte, pulse el botón "Enviar" y le aparecerá el formulario de creación de PIN.

Si estamos fuera del campus nos  
acreditamos como usuarios

A través de Mi cuenta e identificándose u

- Ver y **renovar** sus préstamos.
- **Reservar** libros, así como ver y cancelar sus libros reservados.
- Acceder a la **consulta del catálogo**.
- Seleccionar y **guardar sus búsquedas preferidas**: si le interesa algún autor, materia, etc., puede consultar en el catálogo y guardar dicha consulta para repetirla cuando lo desee.
- Solicitar **alertas por correo electrónico** que le informarán de los documentos incorporados en el catálogo durante el último mes que coincidan con su búsqueda.
- Proponer la **compra** de un libro.

Más información...

# Registrarse



FSTA | Direct™

Admin News

Wednesday 24 June 2009

## Welcome to FSTA Direct

FSTA Direct from IFIS Publishing offers access to the entire FSTA - Food Science and Technology Abstracts database via either subscription or prepay.

[Click here for the benefits of FSTA Direct](#)

## News and announcements

### [IFT members receive a 20% discount on FSTA Custom Alerts!](#) - 07 Jun 2009

FSTA Custom Alerts™ are bespoke alerts designed especially for your business. Experts at IFIS work with you to put together the most relevant search profile unique to you. This service is based on the FSTA – Food Science and Technology Abstracts database®, a resource comprising scientific research from over 1000 international journals. Receive FSTA Custom Alerts [...] [more...](#)

### [Crib sheets updated: working with patent records using Espacenet](#) - 14 Jan 2009

A new crib sheet has been added to the FSTA Direct Help Crib Sheets section. The topic covered is Working with patent records in FSTA Direct: A guide to functionality at Espacenet. Patent records in FSTA Direct include links to the free full text of source patents as held at Espacenet. This crib sheet briefly introduces [...] [more...](#)

### [FSTA Direct Twitter feed](#) - 12 Jan 2009

An FSTA Direct Twitter feed is now available at [twitter.com/fstadirect](http://twitter.com/fstadirect) (recent updates are also shown in the Twitter feed side panel on this site). If you are a Twitter user please sign up to follow our feed to be alerted of service problems and resolutions as well as product and Help updates. [...] [more...](#)

### [Crib sheets updated: working with FSTA Direct RSS feeds](#) - 06 Jan 2009

A new crib sheet has been added to the FSTA Direct Help Crib Sheets section. The topic covered is Working with FSTA Direct RSS feeds and includes examples of using Internet Explorer, Google Reader, and FeedReader to manage RSS feeds of saved searches. [more...](#)

© IFIS Publishing 2009 - All Rights Reserved

[Dictionary](#) [Help](#)

## FSTA search status

Welcome: Universidad Complut...  
[Log out](#)

Last updated: 22 Jun 2009  
Records: 841,394

All data  
All document types  
All languages  
All Sections

View: Full  
Items on page: 10  
Highlighting: On  
Landing: Easy

[Set Limits](#) [Set Preferences](#)

Search FSTA Direct

FSTA Direct users can save searches and create alerts; log in to access these features here

Username

Password

Log in

[Create account](#)  
[Password Reminder >>](#)

Help and information from IFIS

[Getting Started](#)  
[Crib Sheets](#)  
[Online Help](#)  
[Full Manual](#) [Crib Sheets](#)  
[FAQs](#)  
[IFIS Helpdesk](#)

[Full text terms of supply](#)  
[FSTA Direct subscription terms and conditions](#)  
[FSTA Direct prepay](#)

Help and information from your library

Si es la 1ª vez que accedemos nos creamos una cuenta

# Registrarse



- About
- Logout
- Change user
- Search
- Feedback
- Help

## Administration



Please enter the new users details in the form below.

\* Required Field

**New User Details**

- \* User Type:
- \* User name:
- \* New Password:
- \* Confirm Password:
- Title:
- \* First Name:
- \* Surname:
- Department:
- \* Email:

Confirm New User

Rellenamos nuestros datos y pinchamos  
**Confirm new user**

# Búsqueda básica



FSTA | Direct™

[Home](#) [Admin](#) [News](#)

Wednesday 24 June 2009

[Dictionary](#) [Help](#)

Easy search

Guided search

Advanced search



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.

pet nutrition

Greek symbols

[Clear](#)

Search

© IFIS Publishing 2009 - All Rights Reserved

Introducimos nuestros términos de búsqueda y pinchamos **Search**

## 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

### Session Search History

[Clear](#)

#3	pet nutrition	126
#2	nutrition and (do..	3183
#1	nutrition and (do..	3183

### Combine Searches

Combine

[Clear](#)



# Búsqueda básica



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, K. N. V.](#); [Canola, J. C.](#); [Paula, F. J. A. da](#); [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 [aluis.carciofi@gmail.com](mailto:aluis.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<sup>-0.40</sup>) to maintain the same rate of weight loss was lower (P < 0.04) in the Co (344 ± 15.9 kJ.kg<sup>-0.40</sup>.d<sup>-1</sup>) than in the HP group (377 ± 12.4 kJ.kg<sup>-0.40</sup>.d<sup>-1</sup>). During the first 40 d of MAIN, the energy requirement for weight maintenance was 398.7 ± 9.7 kJ.kg<sup>-0.40</sup>.d<sup>-1</sup> 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<sup>-0.40</sup>.d<sup>-1</sup>) than for the control cats (462.3 ± 9.6 kJ.kg<sup>-0.40</sup>.d<sup>-1</sup>). 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

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

Filter your results

Filter your results  
by [Keywords](#) [Year](#) [Source](#) [Document Type](#) [Author](#)  
PETS (77)  
PET FOODS (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 \(15\)](#)

Refinamos resultados, i.e., Show only results from OA and free full text sources

# Búsqueda básica

**Narrow search**  
By search term

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

**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** ORAFTI, B3300 Tienen, Belgium. E-mail [jan.vanloo@orafti.com](mailto:jan.vanloo@orafti.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  $\beta$ -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**

Web search  More like this  Full text

**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

All data  
All document types  
All languages  
All Sections  
[Set Limits](#)

View: Full  
Items on page: 10  
Highlighting: On  
Landing: Easy  
[Set Preferences](#)

**My FSTA searches**

**Filter your results**

**Filter your results**  
by [Keywords](#) | [Year](#) | [Source](#) | [Document Type](#) | [Author](#)

**PETS (77)**  
**PET FOODS (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 \(15\)](#)

Podemos recuperar artículos  
a texto completo

# Búsqueda básica

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 search result for '2008-01-Wj0016' with the title 'How chicory fructans contribute to zootechnical performance and well-being in livestock and companion animals'. The abstract and introduction of this article are visible in the right-hand window.

**Search Results:**

- 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** ORAFI, B3300 Tienen, Belgium. E-mail [jan.vanloo@orafit.com](mailto: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  $\beta$ -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

**Article Title:** How Chicory Fructans Contribute to Zootechnical Performance and Well-Being in Livestock and Companion Animals<sup>1-3</sup>

**Author:** Jan Van Loo\*

**ORAFI, B3300 Tienen, Belgium.**

**Abstract:** 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  $\beta$ -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.

**Introduction:** Inulin and oligofructose that are used in animal nutrition originate from chicory roots (2). These are extracted in concentrated sugar syrups by means of hot water in the same way as sugar is extracted from sugar beets. Their main processing consists of removal of some proteins, gums, and hydrocolloids by means of adsorption and filtration. Inulin and oligofructose are further dried to produce oligofructose, however, also can be isolated as a syrup (3). These oligofructose syrups are used in animal nutrition to contain > 70% inulin, some lower sugars, organic acids, protein ingredients, and minerals. For these animal nutrition applications where some purified fructans are required, human intestinal production lines (oligosaccharidase, disaccharidase, etc.) are used. Inulin is composed of a set of molecules of sucrose to which the fructose moiety is substituted with a linear chain of  $\beta$ (2-1) fructose rings in length between 1 and ~65 fructose moieties. Oligofructose is a partial enzymatic hydrolyzate of inulin. Typically, these oligofructose syrups show some degree of water activity.

# Búsqueda avanzada



FSTA | Direct™

Home Admin News Wednesday 24 June 2009

Dictionary Help

Easy search Guided search **Advanced search** ?

Enter free-text search terms in the first box, and use the Authors, Keywords or Sources buttons to browse and select from online indexes of these fields. The Customize button can be used to edit your query, if required.

Select the field to search and enter your search terms using the same syntax as Easy search.

All Fields  Abstract  Article Title

Greek symbols [Clear](#)

Use the Authors button to select the author(s) you wish to search for.

**Authors** "Godoy, M. R. C. de" [Clear](#)

Search for authors, editors, inventors, patent assignees and corporate authors.

Use the Keywords button to select the keyword(s) you wish to search with.

**Keywords** [Clear](#)

Search for records indexed with terms (descriptors) from the FSTA Thesaurus.

Use the Sources button to select the article source(s) you wish to search.

**Sources** "Journal of Animal Science" [Clear](#)

Search for records from specific journals or other sources.

[Customize](#) [Search](#) [Reset](#)

**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

Session Search History [Clear](#)

Combine Searches

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

Combinamos nuestros términos de búsqueda y pinchamos **Search**

# Búsqueda avanzada

By Date of Addition

**Narrow search**  
By search term

Customize AL = 'Godoy, M. R. C. de' AND (PT = 'Journal of Animal Science') Save search

Search

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](mailto:gcfahay@illinois.edu)  
SO [Journal of Animal Science](#) **97** 1 189-199  
DO 10.2527/jas.2007-0596  
OA Articles free after 12 months  
LA English  
SN 0021-8812

**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](#)

Web search More like this Full text

Records: 841,394

All data  
All document types  
All languages  
All Sections  
[Set Limits](#)

View: Full  
Items on page: 10  
Highlighting: On  
Landing: Easy  
[Set Preferences](#)

My FSTA searches

Filter your results

**Filter your results**  
by [Keywords](#) | [Year](#) | [Source](#) | [Document Type](#) | [Author](#)

[PET FOODS](#) (1)  
[PROTEINS CEREAL](#) (1)  
[FIBRE](#) (1)  
[ETHANOL](#) (1)  
[CORN](#) (1)  
[COMPOSITION](#) (1)  
[CEREAL PROTEINS](#) (1)  
[CEREAL BY-PRODUCTS](#) (1)  
[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 a desktop environment with two browser windows open. The left window is titled "FSTA Direct Search Results - Windows Internet Explorer" and shows the search results for the query "AL = 'Godoy, M. R. C. de' AND (PT = 'Journal of Animal Science')". The search results list a single entry: "2009-04-Wa0048" with the title "Select corn coproducts from the ethanol industry and their potential as ingredients in pet foods". The abstract is visible, detailing the study's objectives and methods.

The right window is titled "Select corn coproducts from the ethanol industry and their potential as ingredients in pet food - Windo..." and shows the full article page from the "Journal of Animal Science". The article title is "Select corn coproducts from the ethanol industry and their potential as ingredients in pet foods" by M. R. C. de Godoy, L. L. Bauer, C. M. Parsons, and G. C. Fahey, Jr. The article is published in the "Journal of Animal Science" (Volume 87, Issue 1, 2009) with the DOI 10.2527/jas.2007-0596. The page includes a table of contents, a PDF version link, and a list of related articles.

The desktop taskbar at the bottom shows the "Inicio" button, several open applications (Microsoft PowerPoint, FSTA Direct Search Results, Select corn coproduct..., FSTA - Paint), and system tray icons including Norton and the time 21:07.

# Utilidades: exportar citas

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 secondary navigation bar includes 'Print', 'Export', 'Select', and 'Change View'. A dropdown menu is open under 'Export', showing options: 'Export All', 'Export Selected', and 'Export Page'. The main content area features search filters: 'Easy search', 'Guided search', and 'Advanced search'. A search bar contains the text 'pet AND nutrition' and a 'Search' button. Below the search bar, a list of search results is shown, with the first result selected (checkbox checked). The selected result is: '2009-07-WJ0096' with the title 'Protein intake during weight loss influences the energy required for weight loss and maintenance in cats.' The abstract text is visible below the title. On the right side of the interface, there is a 'FSTA search status' box with 'Welcome: carmen' and a 'Log out' link. Below that is a 'My FSTA searches' box and a 'Filter your results' box. The 'Filter your results' box shows a list of categories with counts: PETS (77), PET FOODS (75), PET NUTRITION (71), DOGS FOODS (20), DEVELOPMENTS (18), CAT FOODS (13), DISEASES (12), DOGS (12), HEALTH (11), and INGREDIENTS (11). A link 'Show only results from OA and free full text sources (15)' is also present. 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 'Please select the format for export:' dropdown menu set to 'HTML', and a 'Save' button. A 'Send to email:' checkbox is also present. 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 in the foreground, asking '¿Desea abrir o guardar este archivo?' with options 'Abrir', 'Guardar', and 'Cancelar'. The dialog box also displays file information: 'Nombre: Results.html', 'Tipo: HTML Document, 9,57 KB', and 'De: 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?'. On the right side of the website, there is a 'FSTA search status' section with a 'Welcome:' message, a 'Log out' link, and statistics for 'Last updated: 22 Jun 2009', 'Records: 841,394', and 'View: Full'. A list of categories is shown at the bottom right, including 'DOG FOODS (20)', 'DEVELOPMENTS (18)', 'CAT FOODS (13)', 'DISEASES (12)', 'DOGS (12)', 'HEALTH (11)', and 'INGREDIENTS (11)'. A link 'Show only results from OA and free full text sources (15)' is also visible. The Windows taskbar at the bottom shows the 'Inicio' button, the user name 'carmen', and several open applications: 'Microsoft PowerPoint...', 'FSTA Direct Search R...', 'FSTA Export Results...', and 'FSTA - Paint'. The system tray on the right shows the Norton logo and the time '21:14'.

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'. A search status box on the right indicates 'Welcome: carmen', 'Log out', and 'Last updated: 22 Jun 2009'. A dialog box titled 'Descarga de archivos' is open, showing the file 'Results.ris' (4.62 KB) and a 'Guardar' button. A second dialog box is open over the search results, asking to select an export format: 'EndNote/Reference Manager/Procite'. A 'Save' button is visible in this dialog. The search results list includes a citation for 'Protein intake during weight loss influences the energy maintenance in cats.' by Vasconcelos, R. S.; Borges, N. C.; Goncalves, K. N. V.; Canola, E. B.; Brunetto, M. A.; Carciofi, A. C. The abstract text is partially visible below the citation.

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 are navigation links for Home, Admin, and News, along with the date Wednesday 24 June 2009. The main content area shows search results for the query 'pet AND nutrition'. The first result is titled 'Protein intake during weight loss influences the energy required for weight loss and maintenance in cats.' An 'Export Results' dialog box is open, showing options to select the format (HTML) and to send the results to an email address (cmserrano@buc.ucm.es). A blue callout box with a white background and a blue border contains the text: '1. Si queremos enviar citas por email, elegimos el formato, introducimos la dirección de correo y pinchamos Send'. The taskbar at the bottom shows several open applications, including Microsoft PowerPoint and FSTA Direct Search Results.

**Easy search** | **Guided search** | **Advanced search**

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

For search **pet AND nutrition** [Save Search](#)

Customize  **Search**

**Order your results**  
By Date of Addition ▾

**Narrow search**  
By search term  
  
**Narrow** [Clear](#)

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. da](#); [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 [aluis.carciofi@gmail.com](mailto:aluis.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<sup>-0.40</sup>) to maintain the same rate of weight loss was lower (P < 0.04) in the Co (344 ± 15.9 kJ.kg<sup>-0.40</sup>.d<sup>-1</sup>) than in the HP group (377 ± 12.4 kJ.kg<sup>-0.40</sup>.d<sup>-1</sup>). During the first 40 d of MAIN, the energy requirement for weight maintenance was 398.7 ± 9.7 kJ.kg<sup>-0.40</sup>.d<sup>-1</sup> 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<sup>-0.40</sup>.d<sup>-1</sup>) than for the control cats (462.3 ± 9.6 kJ.kg<sup>-0.40</sup>.d<sup>-1</sup>). These findings suggest that HP diets allow a higher energy intake to weight loss

**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**

**FSTA Export Results - Windows Internet Explorer**

http://www.fstadirect.com/SaveResults.aspx?Items=SEL&SearchHistoryII

Please select the format for export: **HTML** [Save](#)

Send to email:  [Send](#)

Internet 100%







SHOW RESULTS (15)  
DOGS (12)  
HEALTH (11)  
INGREDIENTS (11)

[Show only results from OA and free full text sources \(15\)](#)

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

Inicio | carmen | Microsoft PowerPoint ... | FSTA Direct Search R... | FSTA Export Results ... | FSTA Export Results ... | FSTA - Paint | ES | Norton | 21:17

# 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  
Enviado el: mié 24/06/2009 21:16

Datos adjuntos:

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](http://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

**IFIS**  
INTERNATIONAL FOOD INFORMATION SERVICE

**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, Universidade Agrarias e Veterinarias, Departamento de Clinica, Paulo, Brazil. E-mail [aulus.carciofi@gmail.com](mailto:aulus.carciofi@gmail.com)  
SO *Journal of Nutrition* 139 855-860  
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<sup>-0.40</sup>) to maintain the same rate of weight loss was lower (P < 0.04) in the Co (344 ± 15.9 kJ.kg<sup>-0.40</sup>.d<sup>-1</sup>) than in the HP group (377 ± 12.4 kJ.kg<sup>-0.40</sup>.d<sup>-1</sup>). During the first 40 d of MAIN, the energy requirement for weight maintenance was 398.7 ± 9.7 kJ.kg<sup>-0.40</sup>.d<sup>-1</sup> 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<sup>-0.40</sup>.d<sup>-1</sup>) than for the control cats (462.3 ± 9.6 kJ.kg<sup>-0.40</sup>.d<sup>-1</sup>). 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 limits Set Preferences

My FSTA searches

Filter your results

Filter your results by Keywords Year Source Document Type Author

PETS (77)  
PET FOODS (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 search options: Easy search, Guided search, and Advanced search. The main search results area shows a search for 'pet AND nutrition' with a search status of 'Results Page: 1 of 13 Items: 1-10 of 126'. A search filter is set to 'CONTAINS(AF,'pet AND nutrition')'. On the right side, there is a 'FSTA search status' section with user information (Welcome: carmen, Log out) and search statistics (Last updated: 22 Jun 2009, Records: 841,394). Below this is a 'My FSTA searches' button. The 'Filter your results' section shows various filters like PETS (77), PET FOODS (75), etc. In the foreground, a 'My FSTA searches' dialog box is open, showing a list of saved searches with a context menu over the first search 'pet nutrition'. A 'Set As Alert' dialog box is also open, showing options for Frequency (Weekly), View Type (Title), and Format (Plain Text). Three blue callout boxes with arrows point to these specific elements: '3. Pinchamos My FSTA searches', '4. Elegimos nuestra búsqueda y en el menú que se despliega pinchamos Set Alert', and '5. Establecemos la frecuencia de la alerta y el formato de las referencias bibliográficas y pinchamos OK'.

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

**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](#)

Advanced search

quotation marks  
" " OR


[Clear](#)

**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](#) >

© IFIS Publishing 2009 - All Rights Reserved

Internet 100%

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 come for phrases or 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 >

© IFIS Publishing 2009 - All Rights Reserved

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



FSTA | Direct™

Home Admin News Wednesday 24 June 2009

Dictionary Help

Easy search Guided search Advanced search

You may combine for phrases and proteins). Use \* for

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

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 >

© IFIS Publishing 2009 - All Rights Reserved

Internet 100%

Home Admin News Wednesday 24 June 2009

Dictionary Help

Easy search Guided search Advanced search

You may combine for phrases and proteins). Use \* for

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

Greek symbols  Find

Term: OBESITY Definition

Broader terms Definition

DISEASES Definition

Related terms

ANTHROPOMETRIC PARAMETERS Definition

BODY COMPOSITION Definition

BODY WT. Definition

< Back Forward >

© IFIS Publishing 2009 - All Rights Reserved

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

#2	pet nutrition	126
#1	pet nutrition	126

Combine Searches

Combine



# Ayuda

[◀ Back](#) [Forward ▶](#)

Contents

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

## 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](mailto: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](#)

[Index](#)

[Print](#)

---

**Muchas gracias por vuestra atención**

---