



ASOCIACIÓN ESPAÑOLA  
DE CIENCIA AVÍCOLA  
(Sec. Esp. WPSA)

# Comunicaciones AECA

## RESUMEN Presentación y Formato

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**EN CASTELLANO**

**Autores: Times New Roman,  
negrita, tamaño 9, mayúsculas.  
Usar el asterisco para indicar la dirección electrónica  
del autor corresponsal**

**Título:  
Times New Roman,  
negrita, tamaño 12.**

## **Effect of preparation rich in Omega-3 acids on the production and quality of eggs**

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Máximo 285 caracteres**

On 56 Isa Brown laying hens, which were equally divided in 28 hens in each group). The experimental group of laying hens received Biocare Epax TG preparation in the amount of 3.33%, while the control group received the stated preparation. Production and quality of eggs of the 9-month-old laying hens were monitored during a period of 28 days. During that period there were no statistically significant differences observed in live weights of laying hens (g) and daily food consumption (g) between control and experimental group ( $P < 0.05$ ). Differences in egg laying and in the physical properties of eggs (egg weight, eggshell weight and thickness, portion of yolk and albumen) were also not statistically significant ( $P < 0,05$ ). However, adding of Pronova preparation to diets affected the changes of fatty acids profile in the egg yolk. The SFA and MUFA contents of the control group were 31.42% and 41.09%, respectively, and of the experimental group 34.05% and 39.95%, respectively. The content of omega-3 fatty acids (EPA and DHA) in egg yolks of control group was given diets without the stated preparation. Production and quality of the 9-month-old laying hens were monitored during a period of 28 days. During that period there were no statistically significant differences observed in live weights of laying hens (g) and daily food consumption (g) between control and experimental group ( $P < 0,05$ ). Differences in egg laying and in the physical properties of eggs (egg weight, eggshell weight and thickness, portion of yolk and albumen) were also not statistically significant ( $P < 0,05$ ). However, adding of Pronova preparation to diets affected the changes of fatty acids profile in the egg yolk. The SFA and MUFA contents of the control group were 31.42% and 41.09%, respectively, and of the experimental group 34.05% and 39.95%, respectively. The content of omega-3 fatty acids (EPA and DHA) in egg yolks of experimental group was significantly changed ( $P < 0.001$ ), when compared to those of the control group (3.15% : 1.74%).

**Texto del Resumen  
Times New Roman,  
tamaño 9  
Sin negrita ni cursiva  
Máx. 95 caracteres por 23 líneas**

**Keywords: keyword 1; keyword 2; keyword 3; keyword 4; keyword 5**

**Palabras clave:  
Times New Roman,  
Tamaño 9  
Máx. 5 palabras clave  
Usar punto y coma entre palabras clave**



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**EN CASTELLANO INCLUYENDO UN RESUMEN EN INGLES**

**Tipo de letra:** Times New Roman  
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**Título:** Tamaño: 20 negrita  
**Nota:** No incluir mayúsculas

# Title of the paper

**Autores:** Tamaño 11 negrita  
- 1º Iniciales del nombre, 2º Apellido (MAYUSCULAS)  
- Usar números en superíndice para referirse a las direcciones.  
- "y" debe estar en minúscula (No mayúscula)

Interlineado sencillo  
fuente tamaño 20

Interlineado sencillo  
fuente tamaño 11

J. AUTHOR<sup>1\*</sup> A. AUTHOR<sup>2</sup> and H. AUTHOR<sup>2</sup>

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Tamaño 11

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Tamaño 11

Espacio doble  
Tamaño 11

**Keywords:** one; two; three; four; five

**Palabras clave:** Tamaño 11- Título: negrita, palabras normal.  
Separadas por punto y comas (;)

**Introduction** Tamaño 14 Negrita

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