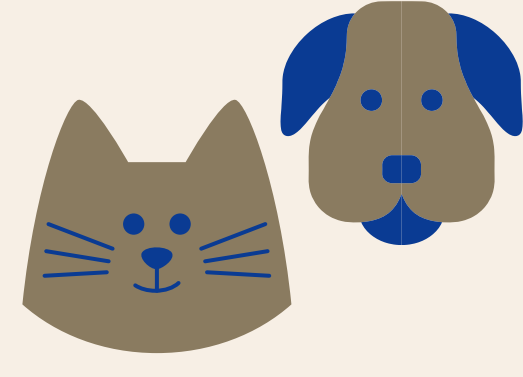


PETFOOD

The added value of insects and yeast-based alternatives

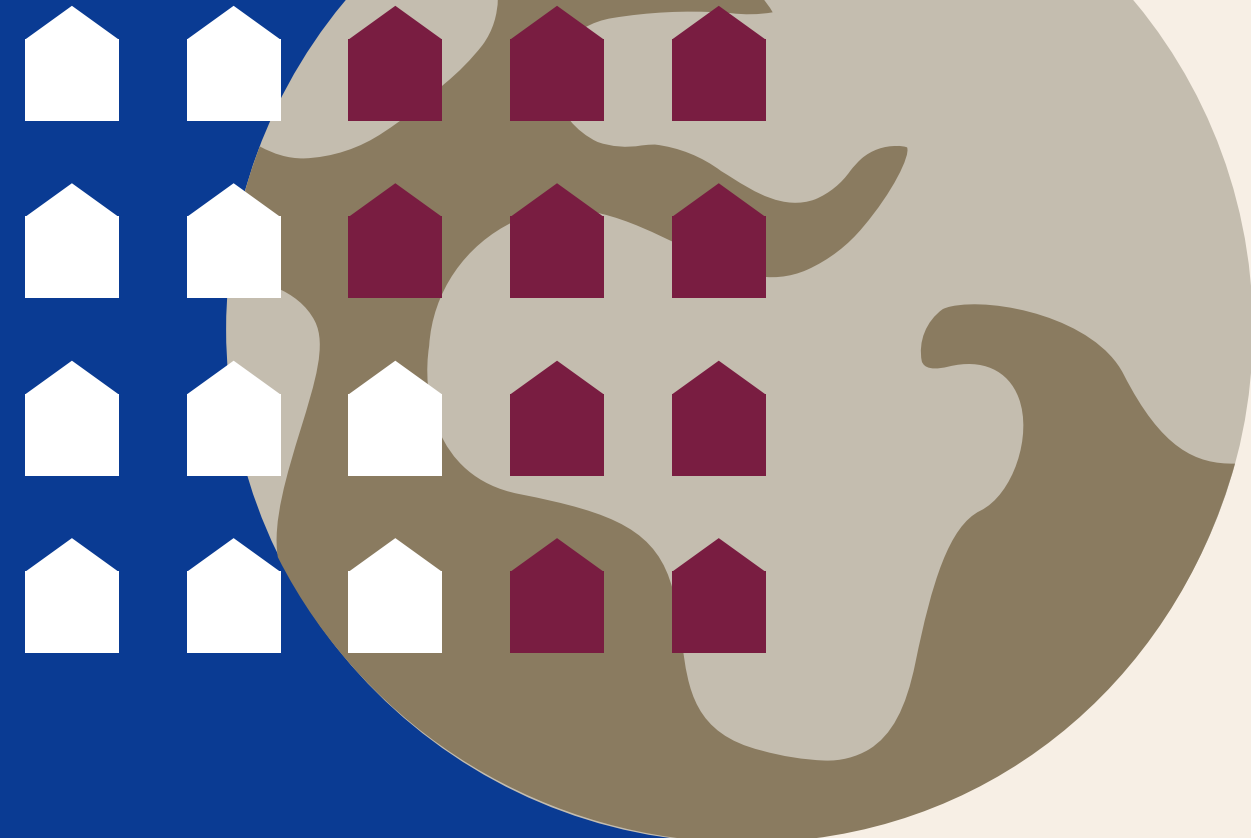
TRENDS  
mag



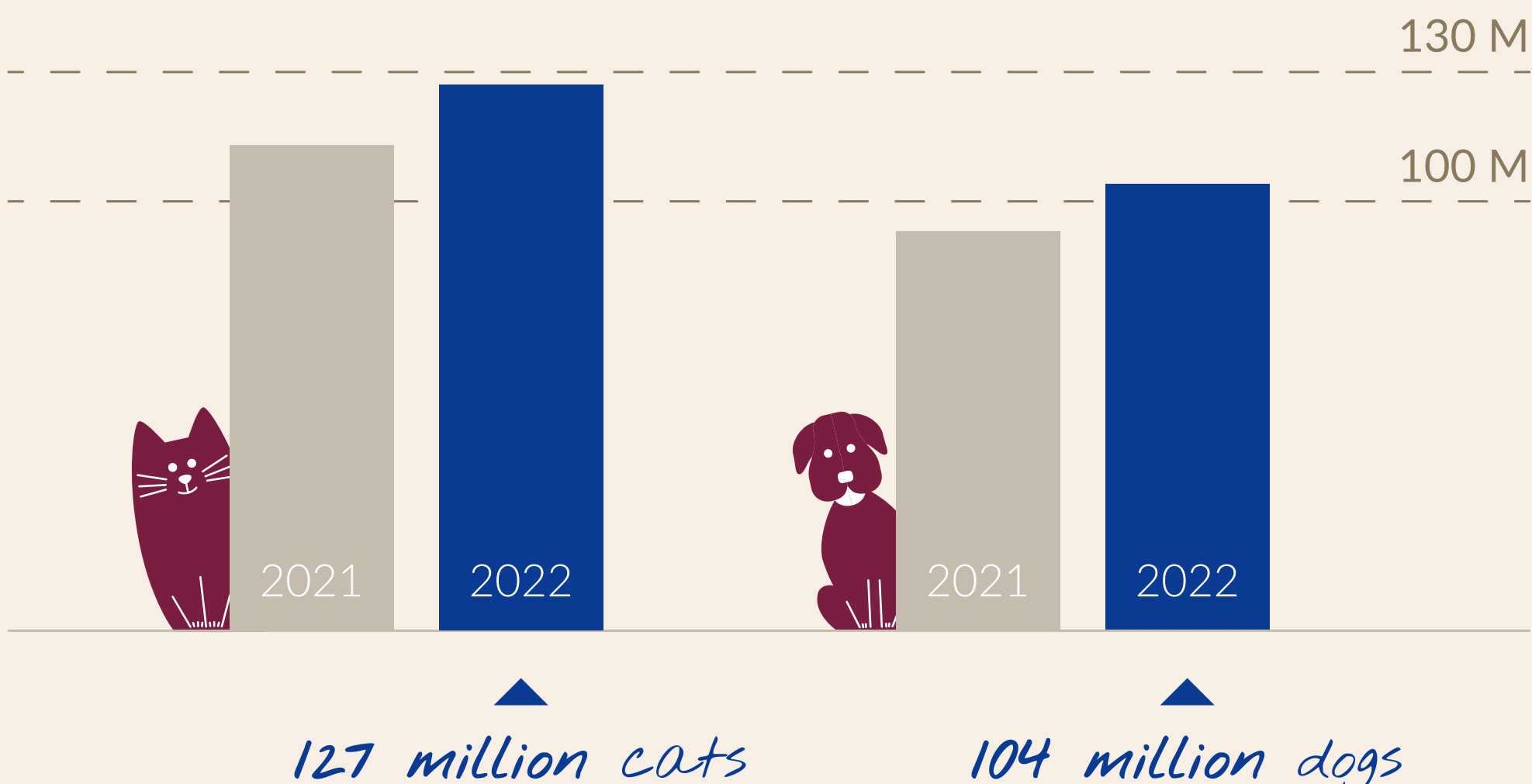
Ownership of cats and dogs  
is globally rising

Worldwide, over

50%  
of households own  
a cat or a dog.



In 2022, in Europe,  
Pets population increased by **22%**



Global petfood market

Towards an increasing demands for meat byproducts



Food

133,7 billion dollars  
Global market sales in 2022

2023-2028 anticipated compound  
annual growth rate (CAGR)

+5,32%

Supplements



1,91 billion dollars  
Global market sales in 2022

3,12 billion dollars  
Anticipated global market  
sales in 2030

2022-2030 anticipated compound  
annual growth rate (CAGR)

+5,91%

How to feed a growing number of pets

All protein sources are not the same

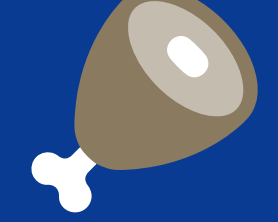
Protein  
sources

MORE THAN  
40% Dry matter  
protein

All essential  
amino acids

Ethic

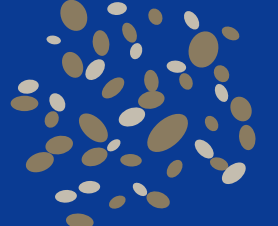
Sustainable



Meat protein



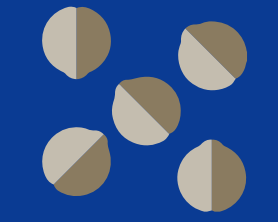
Insects



Yeast



Cereals



Legume



Insect-based foods and supplements

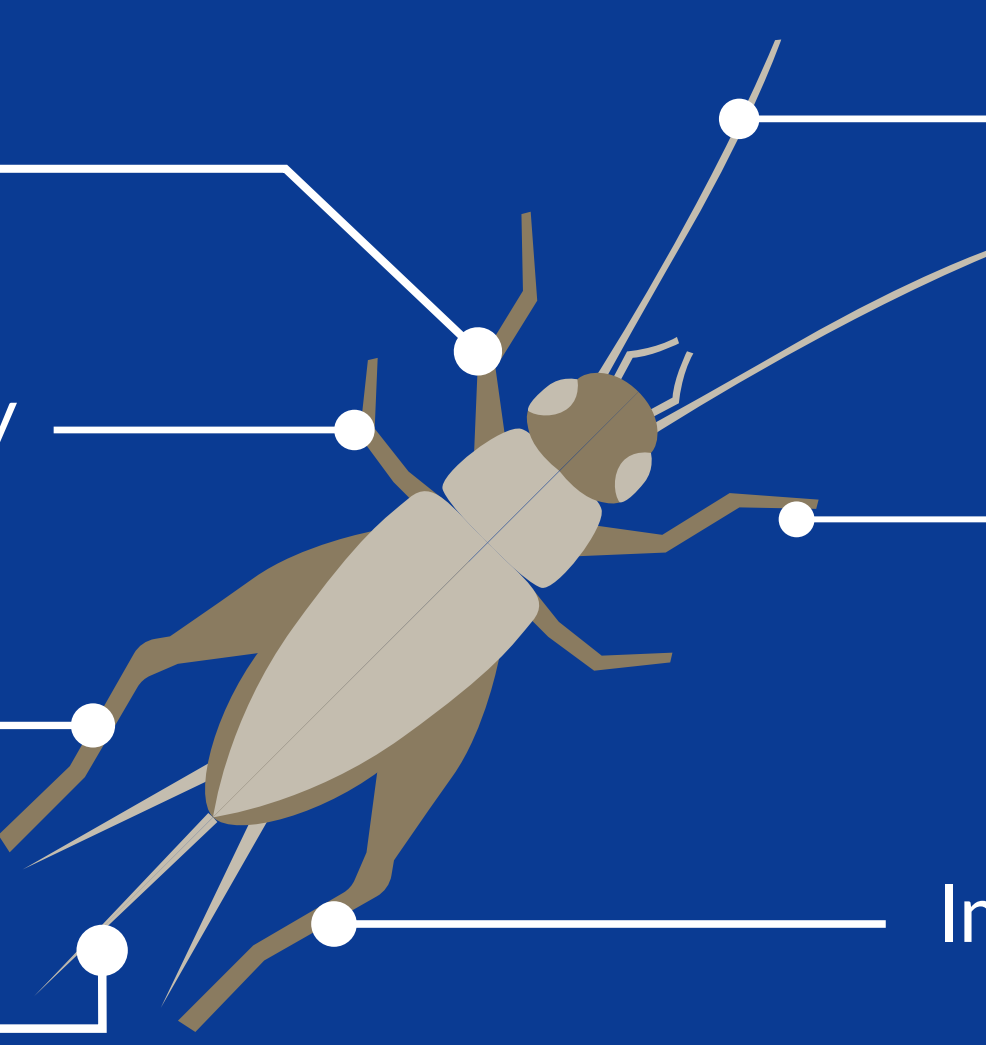
Claims: a growth driver

Brain health of  
ageing dogs

Antioxydant activity

Ethic

Hypoallergenic



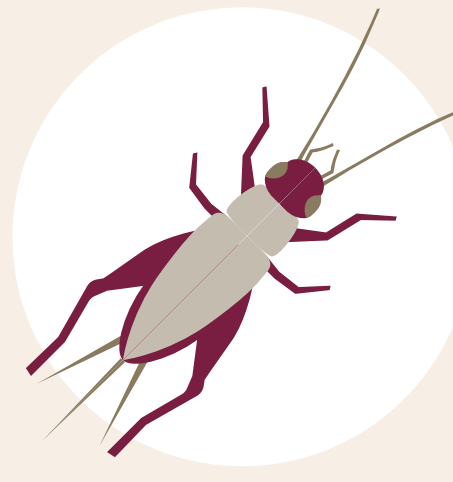
Sustainable

Gut health  
& easy digestion

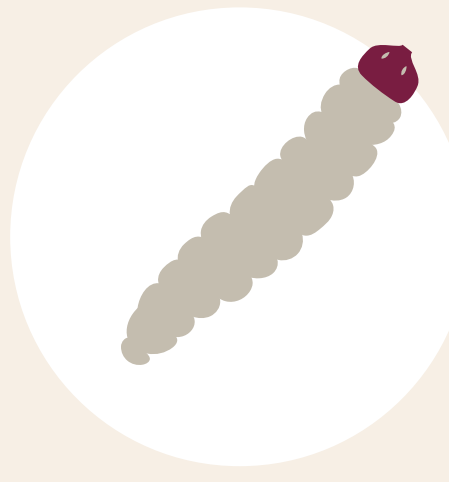
Immune health

The **3** most commonly found

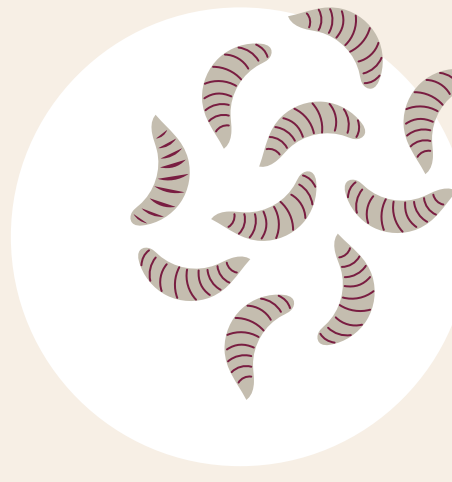
Insect species in petfood authorized in the EU.



CrickEt



Mealworm



Black soldier fly

Yeast and yeast derivatives

High-performance bioactive ingredients for dogs & cats

Potential activities of yeast *Saccharomyces*

Whole cell  
inactive yeast

- Improves flavor and palatability of foods
- Enhances coat beauty
- Natural source of nutrients such as B vitamins, high quality protein and minerals

Active probiotic yeast

- Promotes balanced intestinal flora/promoting digestive health
- Reduces risk of digestive disorders

Selenium-enriched yeast

- Source of organic selenium, better absorbed by pets.
- Selenium plays an essential role in metabolism, growth, reproduction and antioxidant activity.

Potential activities of yeast derivatives

Yeast extract

Natural flavor enhancers.  
A valuable source of proteins (more than 60 %), nutrients and minerals.

Nucleotides

Inclusion of nucleotides in feed have a significant impact on the growth and feed conversion of animals (especially in the early weeks of life) by boosting intestinal maturation and the immune system.

Yeast cell walls

Rich in beta-glucans and mannan oligosaccharides known for their pathogen-binding and immune-modulation activities can contribute to microbiota balance and digestive well-being.

Mannan-oligosaccharides

Promotes over-all gastro-intestinal health.  
Binds to intestinal pathogens such as Salmonella, E. coli and Clostridia spp, thus preventing their colonization of the intestinal tract.

β-glucan

Modulates non-specific immune responses and general health.  
Perfect for use in periods of high stress.  
Ability to bind some mycotoxins, such as zearalenone and ochratoxin.

