



# The sustainable alternative for dogs and cats with food hypersensitivity



reliable and affordable dietary pet food



Veterinary exclusive



The veterinarian has determined that your dog or cat may have food hypersensitivity and advises a dietary food based on insects.

### What should know you as the dog or cat owner:

What is food hypersensitivity?	4
Tackling food hypersensitivity	5
Hypoallergenic food with insects as protein source	6
Did you know?	7
Advantages BSF larvae	8
TROVET Hypoallergenic (Insect)   IPD/IRD	9
TROVET Treats	10

#### What is food hypersensitivity?

We speak of food hypersensitivity when certain dietary components are not tolerated. Complaints that may occur when eating these nutrients are usually itching, vomiting or diarrhoea. But it often happens that the only complaint is a recurrent ear infection. Combinations of skin and intestinal problems are also possible. Food hypersensitivity is a collective term for complaints that may arise from food ingredients.

#### Symptoms that may occur in dogs with food hypersensitivity:

- > Vomiting
- > Diarrhoea or flatulence
- > Itching, hair loss and/or flaking
- > Inflamed, red skin
- > Chronic ear problems
- > Growth retardation in young animals
- > Coughing, difficulty breathing, excessive sneezing

'Itching may sometimes be worse than pain'



#### Tackling food hypersensitivity

The majority of complaints to food allergy is caused by animal proteins, of which beef and chicken are the most important. Potential food hypersensitivities can be tackled through the provision of a hypoallergenic dietary food. This is a diet that consists of only one carbohydrate source (such as rice or potato) and a new source of (animal) protein, which has not been previously present in the diet of your pet. A diet based on hydrolysed protein is also an option. When hydrolysing the proteins in the diet, the size of these proteins is reduced, to decrease the chance that they are detected as foreign by the body's immune system.

The purpose of feeding a hypoallergenic diet is to get the dog or cat free of symptoms and to confirm whether your dog actually has food hypersensitivity. This is important because food hypersensitivity symptoms are also seen in other types of allergies, such as flea allergy or grass pollen allergy. When your pet on the hypoallergenic diet stays free of symptoms and it is desired to determine the cause of the previous symptoms, this can be done in consultation with your veterinarian by stepwise providing previously fed food (provocation). If the symptoms return, it is important to permanently remove this causative agent from the diet of the dog.

In commercial foods often many different protein sources are used. Animal owners vary regularly in the food which they provide their pet, such as giving extras and rewards. When a dog or cat gets food hypersensitivity symptoms, it is difficult to trace the food ingredient that causes the complaints and to find a suitable food based on a protein source which your pet has not previously eaten.

### Hypoallergenic food with insects as protein source

TROVET has a wide range of hypoallergenic diets based on unique protein sources for both dogs and cats. To expand this range and to provide more animals with a suitable diet, a hypoallergenic dietary food based on insects (Black Soldier Fly (BSF) larvae) is developed: Hypoallergenic (Insect). In Europe, products for animal consumption, in which protein from these insects is used are still a niche market. This makes the chance very small that a dog or cat has developed an allergy. So it is very likely that the symptoms of your dog or cat will disappear when given a dietary food based on insects.

Hypoallergenic (Insect) contains only natural antioxidants. The used carbohydrate sources are potato for dogs and rice for cats.

There are multiple reasons to choose insects as a protein source in (animal) food.



The World Food Organisation (FAO) promotes and recommends the processing/use of insects in human and animal nutrition.

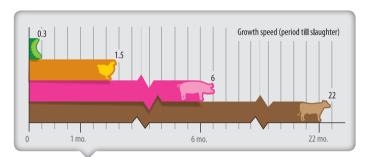
#### Did you know?...

- > The human and animal consumption of insect protein can contribute to the limitation of the global protein shortage?
- > BSF belong to the livestock animals and are therefore produced, using the same laws and regulation as regular livestock?
- > BSF are able to reproduce much faster than regular livestock?
- > BSF are coldblooded, which results in less waste products being produced by thermoregulation?
- > The frass (faeces) of the BSF larvae is dry and has a low burden on the environment?
- > BSF larvae are able to grow much more efficient than regular livestock?
- > BSF larvae can be used for 99% of their body weight in food?
- > The remaining 1% can be used as a fertiliser?
- > The food of BSF larvae exist solely out of by-products from vegetable origin?
- > The digestibility of insect protein can be as high as 98.9%?
- > BSF larvae are rich in unsaturated fatty acids and antibacterial fatty acids?

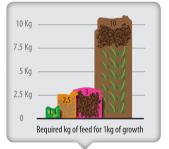


TROVET sees Hypoallergenic (Insect) as an opportunity to join in the sustainable development of the use of insects in food. TROVET is the first dietary pet food brand in Europe that has taken the step into the insect sector.

## Advantages BSF larvae









#### TROVET Hypoallergenic (Insect) | IPD / IRD

Hypoallergenic (Insect) is a complete, easily digestible dietary food. It is specially formulated to reduce intolerances to certain ingredients and/or nutrients.

#### Features TROVET Hypoallergenic (Insect):

- > Hypoallergenic dietary food based on one protein (insect) and one carbohydrate source (potato (doq) / rice (cat))
- > Prevents immunological reactions (food allergy) or non-immunological reactions (food intolerance) in the form of skin problems and/or digestive problems and/or digestive problems (diarrhea, vomiting)
- > Changing to a hypoallergenic diet will help to slowly reduce itching. This reduces scratching, rubbing and biting, which can cause secondary skin lesions
- > Contains a mix of only natural antioxidants
- > The insects used in this product are a sustainable protein source

Dog 400g - 3 kg - 10 kg Cat 500g - 3 kg



#### **TROVET Treats**

TROVET has an extensive range of responsible rewards, also known as treats. Most treats are suitable for both healthy dogs and cats, as well as dogs and cats with a special dietary requirements or prescription diet. The TROVET treats are cookies in different shapes and are a more than adequate reward during training, after a walk or just as a snack.

The special thing about TROVET treats is that, besides the taste, they are formulated in such a way that they fit well on various diets. Giving 'ordinary' treats to dogs or cats that get dietary food, can negatively affect the efficacy of these foods. Therefore, carefully choose a treat that fits the situation of your dog or cat. Always ask your veterinarian for more information and advice. TROVET treats are available exclusively via your veterinarian.







reliable and affordable dietary pet food

For the complete range of TROVET products, visit: www.trovet.com.



**Veterinary exclusive** 

© TROVET, version September 2017



## reliable and affordable dietary pet food



TROVET

De Vergert 4 - 6681 LE Bemmel - The Netherlands T: +31 (0)481-470240 | E: info@trovet.nl | W: trovet.com