

### PROTEINS FOR FOOD, PETFOOD & ANIMAL NUTRITION

The Eco Agri range of vegetable proteins matches the increasing demand for proteins. Proteins are known as the building blocks of life. They break down into amino acids that promote cell growth and repair. They also replace fishmeal and other animal protein used in Pet Food, Aquafeed and Compound Feed.

## Pea Protein (powder & pellets)

Pea protein is a great, healthy choice for getting supplementary protein. Pea protein offers a good profile of micronutrients like manganese, folate, copper, phosphorus, vitamins B6 and B2, niacin, and molybdenum.

Available grades of pea protein:

- 53%--60% Feed & Pet Food and Aquafeed
- 72% Feed & Pet Food Grade
- 80%-83% Food & Nutrition

#### **Potato Protein**

The use of potato protein concentrate can be an important dietary addition for dogs and cats suffering from gluten intolerance and other allergies.

Available grades of potato protein: 73%, Basic Pet food and feed grade

PROTASTAR - Premium Grade, Low ash Potato protein for pets

## **Non-GMO Soy Protein**

Soy protein is made from soybean meal that has been dehulled and defatted. Dehulled and defatted soybeans are processed into three kinds of high protein commercial products: soy flour, concentrates, and isolates.

Available grades of Soy protein:

- 60% Food Grade Concentrate, powder & Textured
- 65% Feed Grade Concentrate
- 90% Food Grade Isolate, for injection & emulsion

## **Mung Bean Protein Isolate 80%**

Mung bean protein isolates provide excellent nutrition as part of a balanced diet. They are protein-rich and contain many essential amino acids we need to maintain our health. We can easily digest mung bean protein and isolates. Researchers have found several antioxidants in mung beans, including linoleic acid, palmitic acid, oleic acid, and more.

These antioxidants help neutralize free radical activity, which can reduce the risk of disease.

### **Fava Bean Protein Isolate 90%**

Compared to rice or soy, and certainly whey, many people find the subtle, mildly earthy flavour of fava bean protein to work well with both savory and sweet options, so whether you want to put it in a fruit smoothie or add some protein to a nice veg soup (it is generally heat-stable), it should be no problem on the flavor front. Fava bean protein powder mixes well with a range of fluids, from water to plant-based milks without the need for extensive blending or shaking. It is less grainy in the mouth than some options (notably some rice protein products).

# Rice Protein (70-80%)

**Rice Protein 70% Feed / Aqua grade;** an excellent source of highly digestible protein due to its low amylase content. This protein is a perfect substitute for up to 25% of Fish Meal used in Aqua Feed recipes.

**Rice Protein 80% Food grade;** is used in meat processing, beverage, confectionery and baking industries Available in both Organic and Conventional. Rice Protein contains all the essential amino acids and is a used as alternative for whey, soy and pea proteins in energy/protein formulations.

**Vital Wheat Gluten;** Wheat Gluten is made from the protein found in the endosperm of the wheat berry, containing 75% to 80% protein. Wheat gluten are added to yeast bread recipes to improve the texture and elasticity of the dough, helps retain the gas and steam from baking, and gives more volume to the baked bread. Vital wheat gluten is also a staple ingredient for meat and meat substitutes. Available grades of wheat gluten:

- 80% Bakery grade (conventional & organic)
- 80% Petfood & Feed grade

**Egg Powders** can be used without rehydration when baking, and can be rehydrated to make dishes such as scrambled eggs and omelets. Egg powders are as well used as source of protein in food and drinks.

Available grades of egg powders (origin The Netherlands).

- Whole egg powders
- Egg yolk powder
- Egg white powder