



## AveMix® 02 CS

### Multi-enzyme combination

#### What is AveMix® 02 CS?

**AveMix® 02 CS** is a highly active multi-enzyme combination designed for monogastric feeds. The enzyme activities work synergistically to break down fibre structures.

Its action on insoluble fibre structures will create a reduction or elimination of the encapsulating effect of cell walls and will increase energy release and digestibility of, proteins and minerals in the small intestine. Without enzyme addition, nutrients will remain less available in the small intestine and will be fermented in the large intestine or excreted.

Through the capability of **AveMix® 02 CS** to break down soluble fibres into smaller particles, intestinal viscosity will be reduced. Lower viscosity will enhance intake of nutrients in the small intestine, this effect is important in poultry and pigs.

#### Benefits of AveMix® 02 CS

- ✓ Improving the performances of the animal by increasing the feed digestibility
- ✓ Reducing feeds costs by providing high flexibility in feed formulation
- ✓ Allowing substitution of milk products and fish meal by soybeans and soybean meal
- ✓ Allowing higher maximum incorporation of by-products
- ✓ Allowing an upgrade of lower energy feeds
- ✓ Improving animal uniformity
- ✓ Healthier animals

#### Guaranteed minimum activities

Activity	Units	
β-glucanase	6150	BGU / gram <b>AveMix® 02 CS</b>
Xylanase	10700	XU / gram <b>AveMix® 02 CS</b>
Pectinase	230	PGLU / gram <b>AveMix® 02 CS</b>

#### Target raw materials

**AveMix® 02 CS** will be highly active in diets containing:

- soybean meal
- corn
- wheat, barley, triticale, rye
- tapioca
- by-products: DDGS, palm kernel meal, sunflower meal,...

#### Active substances

- endo-1,3(4)-β glucanase
- endo-1,4-β-xylanase
- pectinase
- mannanase
- cellulase
- protease

## Application

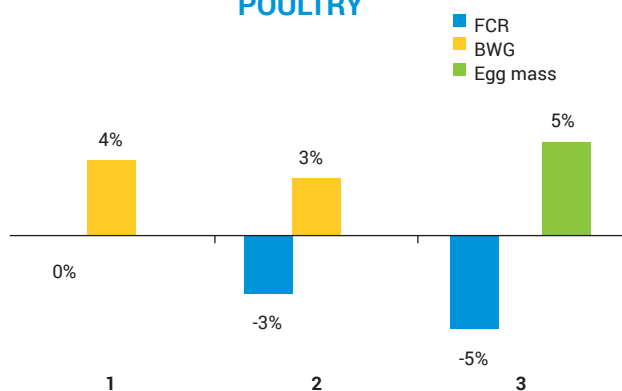
100 - 200 gram **AveMix® 02 CS** / ton feed.

## Formulation

Fermentation product formulated on dry or liquid carrier material.

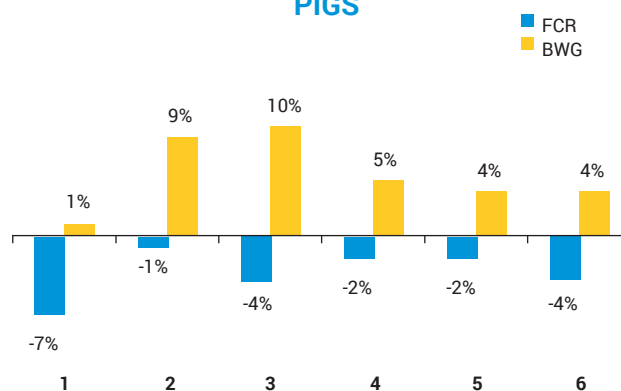
## Animal trial data AveMix® 02 CS

### POULTRY



Trial	Animals	Location	Raw Material
1	Broilers	Poland	Barley, Wheat
2	Broilers	Belgium	Corn, Soy
3	Layers	Belgium	Corn, Wheat, Sunflower meal

### PIGS



Trial	Animals	Location	Raw Material
1	Piglets	The Netherlands	Barley, Wheat
2	Piglets	Philippines	Corn, SBM
3	Piglets	Spain	Barley, Wheat
4	Pigs	Vietnam	Corn, SBM, Tapioca
5	Pigs	Thailand	Corn, SBM
6	Pigs	Vietnam	Corn, Tapioca, SBM