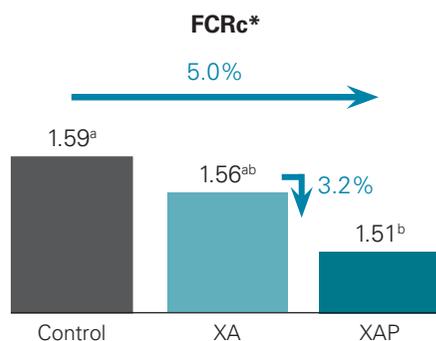
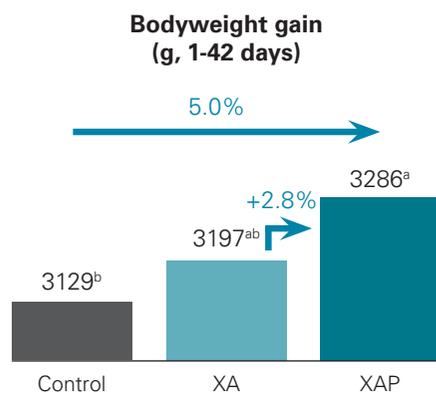


**Protease gives additional benefits beyond xylanase & amylase addition - this is particularly beneficial at times of high vegetable protein prices**



<sup>ab</sup>P<0.05  
\* FCR corrected 3 points for every 100g difference in bodyweight versus the control

X = Xylanase    A = Amylase    P = Protease

'Mixed' diet containing various protein and energy sources

**Product form and application**

Avizyme® 1505 is a light brown, fine granular product, included in feed either directly or via a premix.

**Recommended usage rate in complete feed**

Broilers	0.125-0.2 kg/tonne	0.0125-0.02%
Turkeys	0.2 kg/tonne	0.02%
Ducks	0.05-0.2 kg/tonne	0.005-0.02%
Layers	0.2 kg/tonne	0.02%

**Supporting software service**

Avicheck™ Corn

**Packaging**

25kg multi-wall polyethylene lined paper bags  
1000kg bulk (tote) bags

**Want to know more?**

Danisco Animal Nutrition  
info.animalnutrition@dupont.com  
www.animalnutrition.dupont.com

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**Avizyme® 1505**

**FOR HEALTHY NUTRITION SOLUTIONS**



# Avizyme® 1505

## Avizyme® 1505

The high performance enzyme combination for poultry diets.

- An effective combination of **xylanase, amylase and protease** enzymes to target the key anti-nutrients in mixed grain poultry diets containing **vegetable protein sources**
- Releases encapsulated energy and amino acids providing a reliable solution to your feed formulation needs and opportunities for **radical feed cost reduction – especially at times of high protein prices**
- Proven efficacy when present in feed that has been conditioned and pelleted up to 90°C (194°F)



## Avizyme® 1505 mode of action

Xylanase

**Targets** soluble and insoluble arabinoxylans in **dietary fibre** releasing encapsulated nutrients.

COMPLEX DIETS



Amylase

**Maximises starch digestibility** providing energy to fuel growth.



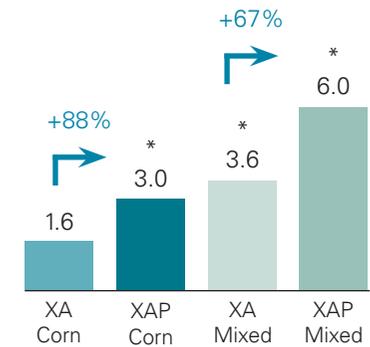
Protease

**Targets storage proteins** in raw materials improving amino acid digestibility and starch accessibility.

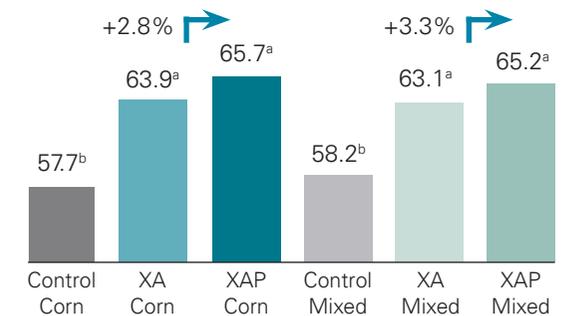
**Reduces anti-nutrients** (e.g. trypsin inhibitors and lectins in vegetable proteins) to limit excessive endogenous losses.

**Protease gives additional benefits beyond xylanase & amylase addition - this is particularly beneficial at times of high vegetable protein prices**

### Amino acid digestibility improvements (% of control)



### Nitrogen retention (% of intake)



\* P<0.05

X = Xylanase    A = Amylase    P = Protease

'Corn'-soy diets or 'Mixed' diets containing various protein and energy sources

Avizyme® 1505 matrix values are available on request from Danisco Animal Nutrition