

Vensaad
Precise Nutrition

VensaXy Xylanase

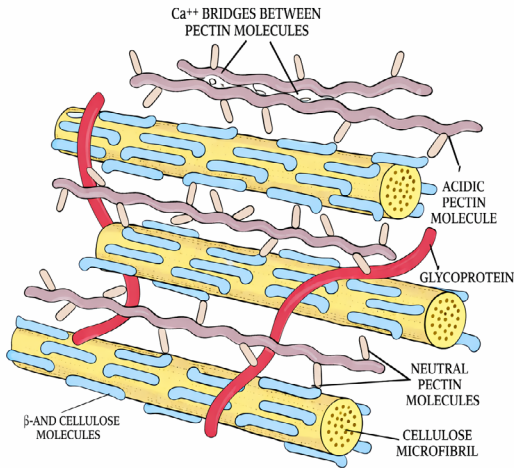
Degrade Xylan to Liberate
Endogenous Prebiotics



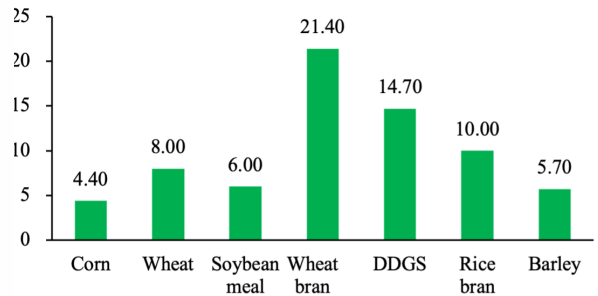
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Source of Xylan

Xylan is a structural hemicellulose in plant cell walls, mainly found in cereal feed and their by-products (wheat bran, corn cob, wheat, barley, etc.). It is a major plant-derived anti-nutritional factor in feed.



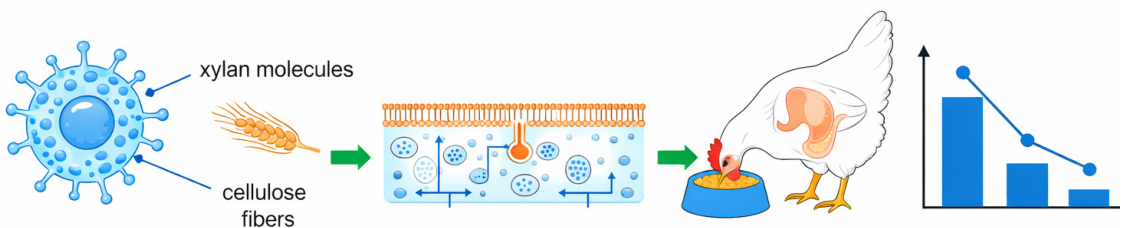
The content of xylan of different raw materials(%)



Impact of Xylan on Poultry Nutrition and Production

As an anti-nutritional factor present in feed ingredients, xylan can effectively bind to cellulose, thereby preventing the content from interacting with digestive enzymes and reducing the digestibility of nutrients. Moreover, xylan can also absorb water, which leads to an increase in the viscosity of chyme. This makes animals experience satiety, consequently reducing feed intake and influencing production performance.

Xylan: Anti-nutritional Factor Ingredients



Xylan-cellulose connection prevents nutrient-digestive enzyme combination

Water absorption by xylan

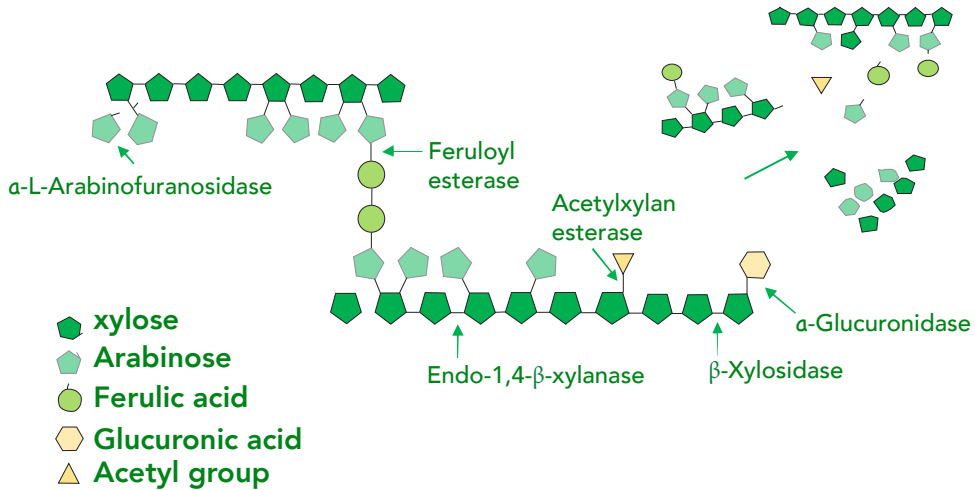
Increased chyme viscosity

Premature satiety in poultry

Reduce feed intake

VensaXy Degrades Xylan with high Efficiency

- xylanase has endo-xylanase and branched-chain enzyme (arabinofuranosidase and feruloyl esterase) activities and can effectively degrade xylan to produce oligo-xylan.

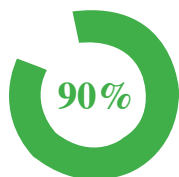


Benefits of VensaXy in Poultry Nutrition

- VensaXy releases nutrients from plant cells, reduces the viscosity of the chyme, improves intestinal health, and enhances the growth performance of livestock and poultry.



VensaXy: Strong Thermostability & pH Tolerance



PH2.5 for 90min

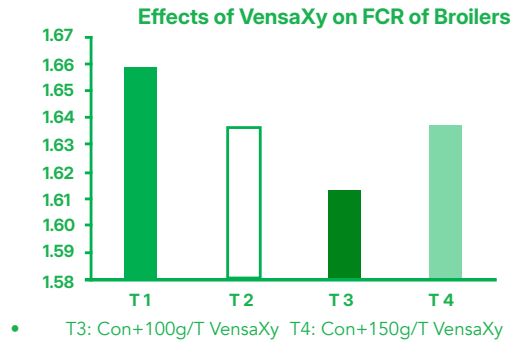
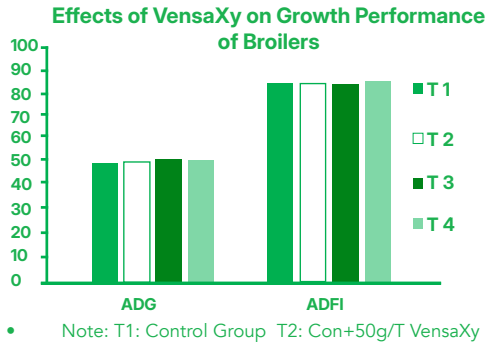


85°C

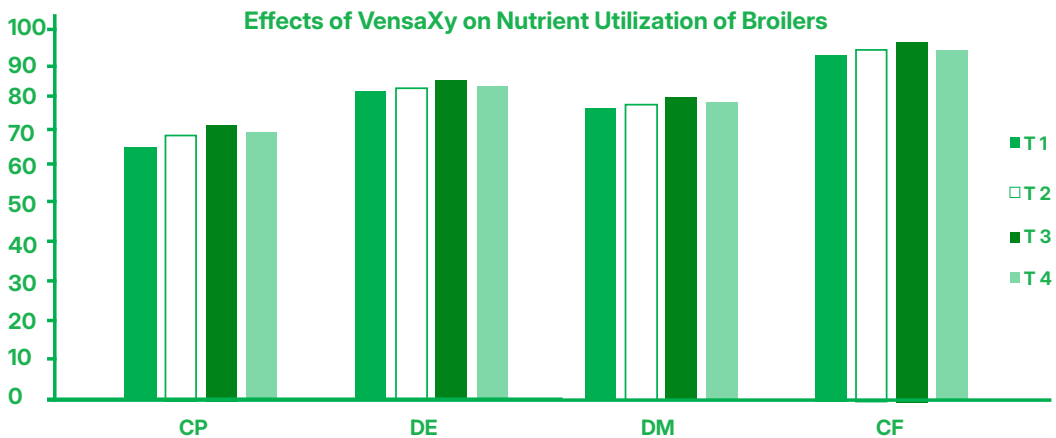
Application of VensaXy

Improve the production performance of livestock and poultry

- Effect on growth performance in broilers



Promote nutrients digestion



Specification & Usage

Name	VensaXy
Type	Granule
Activity	10,000
Usage	200g/T in complete feed.

Package & Storage

Package:	25 kg/bag
Shelf Life:	12 months
Storage:	Store below 25°C. avoid direct sunlight, rain exposure, high temperature and humidity

