



Rovabio®

ROVABIO® ADVANCE PHY, THE 2<sup>nd</sup> GENERATION OF FEEDASE

EXTRACTING MORE VALUE  
*FROM FEED*

Rovabio®  
*Advance* **PHY**

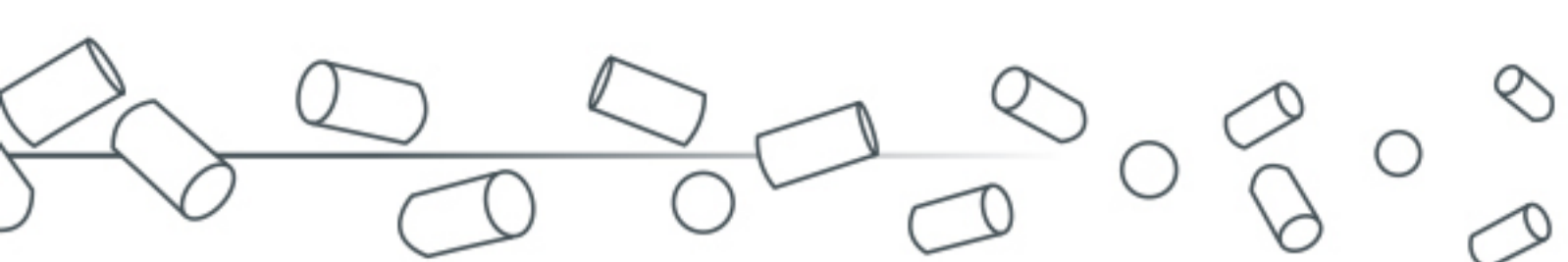
**Because there is still more value  
to get out of feed**

Adisseo developed **Rovabio® Advance PHY**, the 2<sup>nd</sup> generation feedase:  
an innovative enzyme solution to further increase feed digestibility.



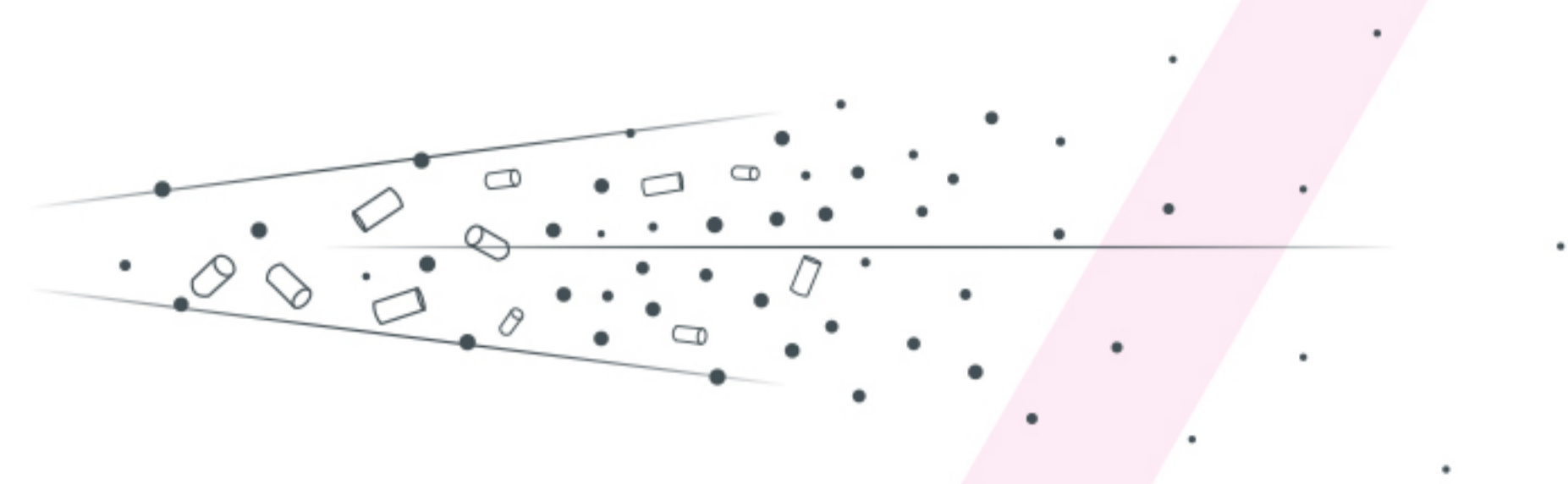
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**ADISSEO**  
A Bluestar Company



# Rovabio<sup>®</sup>

## Advance PHY



## Because there is still more value to get out of feed

Adisseo developed **Rovabio<sup>®</sup> Advance PHY**, the second generation of feedase to further unlock feed potential and alleviate the animal production footprint on earth resources.

## Opening new perspectives to the simultaneous use of several enzymes

Traditional feeds contain fractions that animals are not able to digest: **20 to 25% of the organic matter is normally not available for animal metabolism**. For more than 20 years, enzymes have been used to improve feed digestibility and have allowed the use of more raw materials to help animal producers reduce their feed costs. But to date, the simultaneous use of different type of enzymes has been partially effective or undervalued.

To get the maximum value out of feed, Adisseo designed **Rovabio<sup>®</sup> Advance PHY**, the new feedase.

## Rovabio<sup>®</sup> Advance PHY

**Rovabio<sup>®</sup> Advance PHY** is a multi-enzymatic solution which addresses the whole indigestible vegetable fraction of feed, resulting in an **improvement of the overall feed digestibility**, including metabolizable energy, digestible amino acids, available phosphorus, calcium and sodium. It is the 2<sup>nd</sup> generation of feedase.

**Rovabio<sup>®</sup> Advance PHY** is the fruit of many tests aiming at finding out the most powerful enzyme combination, delivering the best cost efficiency with maximum performance, sustainability and consistency. With **Rovabio<sup>®</sup> Advance PHY**, Adisseo opens a new way to consider and use enzyme combinations.

### Rovabio<sup>®</sup> Advance Phy T THERMOSTABLE POWDER

### Rovabio<sup>®</sup> Advance Phy L LIQUID

Endo-1,4- $\beta$ -xylanase

$\geq 12,500$  VU/g

$\geq 6,250$  VU/ml

Endo-1,3(4)- $\beta$ -glucanase

$\geq 8,600$  VU/g

$\geq 4,300$  VU/ml

Arabinofuranosidase

$\geq 46,000$  VU/g

$\geq 23,000$  VU/ml

6-phytase

$\geq 10,000$  FTU/g

$\geq 5,000$  FTU/ml

# Formulating feeds with Rovabio® Advance PHY

**Rovabio® Advance PHY** releases energy, amino acids, phosphorus, calcium and sodium from the vegetable indigestible fraction of feed. Its use in commercial diets should take into account the recommended nutritional matrix values, which have been determined by in vivo trials where several feed conditions were tested.

The **2<sup>nd</sup>**  
generation  
of feedase



## NET SAVING

Considerable net savings with the application of recommended full matrix values



## EARTH THINKING

A reduced impact on earth resources by decreasing P and N excretions, and optimizing the use of raw materials



## RELIABILITY

Consistent animal performance at every stage of growth

Rovabio®  
Advance **PHY T**

Rovabio®  
Advance **PHY L**

## Usage recommendation



**Rovabio® Advance PHY T** is the coated powder presentation, that can be used for mash and pelleted feed. It is thermostable up to 90°C. For an optimal effect, the recommended inclusion rate is 100 g/ton of feed.



**Rovabio® Advance PHY L** is the liquid presentation, for spraying after thermal treatment. For an optimal effect, the recommended inclusion rate is 200 ml/ton of feed.

# Rovabio<sup>®</sup>

## Advance (PHY)

**E.lab**  
The analytical  
service

**E. lab**  
by ADISSEO

**PNE**  
The NIR prediction  
service

**pne**  
by ADISSEO

### Take advantage of Adisseo's services

**E.Lab** - The analytical service,  
providing the analyses you need to  
formulate diets with confidence.

**PNE** - The NIR prediction service,  
providing the nutritional evaluation  
of your raw materials.



For more information, contact your sales representative.

**ADISSEO**  
A Bluestar Company

**ADISSEO France S.A.S** | Immeuble Antony Parc II | 10, place du Général de Gaulle | 92160 Antony | France  
Tel.: +33 (0)1 46 74 70 00 | Fax : +33 (0)1 40 96 96 96 | [www.adisseo.com](http://www.adisseo.com) | [feedsolutions.adisseo.com](http://feedsolutions.adisseo.com)