

Agrozyme Feed Poultry (Indonesia) Data Sheet



Agrozyme Feed: Indonesia Multi-Component Feed Mix Data Sheet

Overview

- **AGROZYME FEED** uses 100% natural non-toxic food grade formulation that produces more dietary energy, improves protein digestibility and increases the availability of nutrients such as starch, amino acids, and fat.
- **AGROZYME FEED** can be added to a full energy diet or formulated into the ration to optimize growth performance, feed conversion and body weight or save in feed cost.

Product Description

- **AGROZYME FEED** is a premium enzyme additive that enhance overall health, livestock quality, optimizes energy utilization, improves productivity and reduces feed cost.
- **AGROZYME FEED** is a product from Singapore. Made in Singapore.

Contact Information

Agrogenics Pte Ltd

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Feeding Instructions

Poultry

- Inclusion rate of 1.0 kg / MT of feed*

Enzyme Mix

Multi Enzyme Mix:

- | | |
|-------------|----------|
| ▪ Xylanase | 100K U/G |
| ▪ Glucanase | 250K U/G |
| ▪ Amylase | 15K U/G |
| ▪ Mananase | 5000 U/G |
| ▪ Protease | 750 U/G |

Product Functions:

Specially designed for poultry based on digestive physiology, feedstuff resources and feed preparation.

- Cost effective formula
- High Efficiency
- High Activity Endo Xylanase.

Product Benefits:

- Increase Utilisation of non conventional feedstuff
- Improve digestive function
- Increase digestible and metabolic energy
- Reduce diarrhoea

Probiotics

- Bacillus Subtilis 20 Billion CFU/G

Product Benefits:

- Improve feed efficiency
- Enhance immune function
- Reduce FCR
- Prevent Diarrhoea and Dysentery
- Produce Vitamin B

Characteristics:

- Good stability
- Acid proof
- Salt tolerant
- Heat Resistant
- Compression resistant



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Yeast

Type: Beer Yeast 30% W/W

Product Benefits:

- Promote Health and growth through added nutritional value
- Increase animal appetite
- Reduce bad bacteria in gut
- Decrease diarrhoea
- Maintain a good balance of bacteria in gut

Product Characteristics

- Appearance: White to mild yellow brown powder
- Temperature: Melting Point: 150 Degree Celsius
- High Thermostability: 60 to 80 Degrees Celsius
- pH: 3 to 5.5
- Solubility: 1-25% in water
- Density: 0.726/ cm³
- Moisture: < 7.70%
- Packaging: As per required
- Shelf life: 24 months from day of manufacture

Storage

Keep material and container tightly closed. Store at dry, cool conditions. Keep out of direct sunlight. Best < 44 Degrees Celsius/ 110 Degrees Fahrenheit

* or per recommended by a qualified nutritionist

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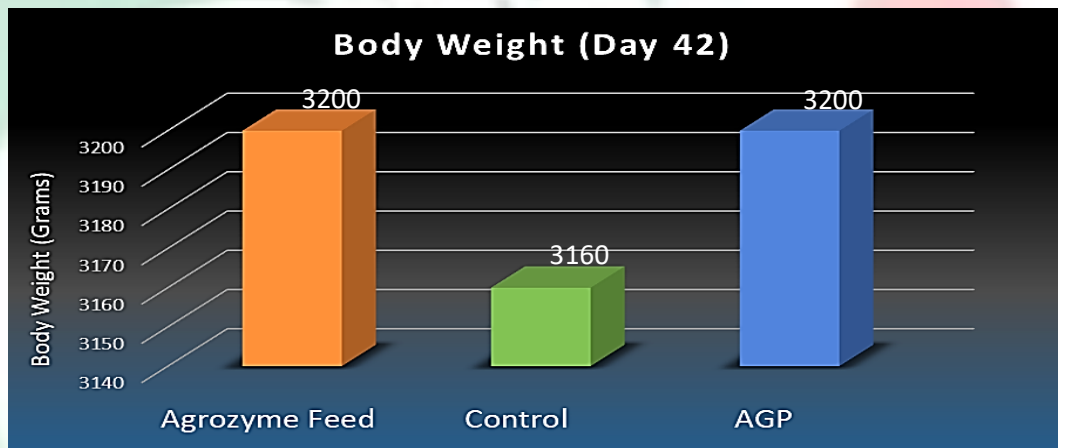
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Feed Conversion Ratio (FCR: Poultry)

■ Body Weight and FCR (12 Days after using Agrozyme Feed)

Results after introduction of Agrozyme Feed into poultry feed for 12 days:

Item	Increased %	Reduced %	Benefit to breeder
Body Weight	5%	NIL	YES
FCR	NIL	5.5%	YES

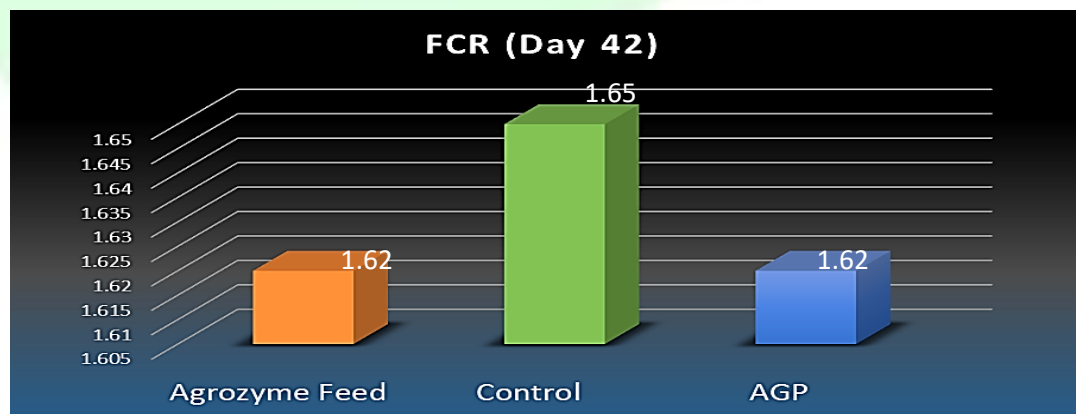


Observation at Day 42 after implementation of Agrozyme Feed

■ Body Weight and FCR (42 Days after using Agrozyme Feed)

Results after introduction of Agrozyme Feed into Poultry Feed for 42 days:

Item	FCR	Benefit to breeder
Agrozyme Feed	1.62	YES
Control	1.35	NIL
AGP	1.62	NIL



Assumption

- Feed Conversion Ratio was tested with the suggested feed instruction of 1.0 kg / MT of Feed.

Feed Conversion Ratio

- Agrozyme Feed significantly improved body weight and is compatible to Antibiotic Growth Promoters (AGP).
- Agrozyme Feed can replace and eliminate AGP to Reduce Feed Cost, Reduce Mortality, Reduce Diarrhoea and promote overall health of livestock.
- Initial measure at 12 days
- Interim measure at 21 days

Item	FCR
AF	1.24
Control	1.35
AGP	1.24

- Final measure at 42 days

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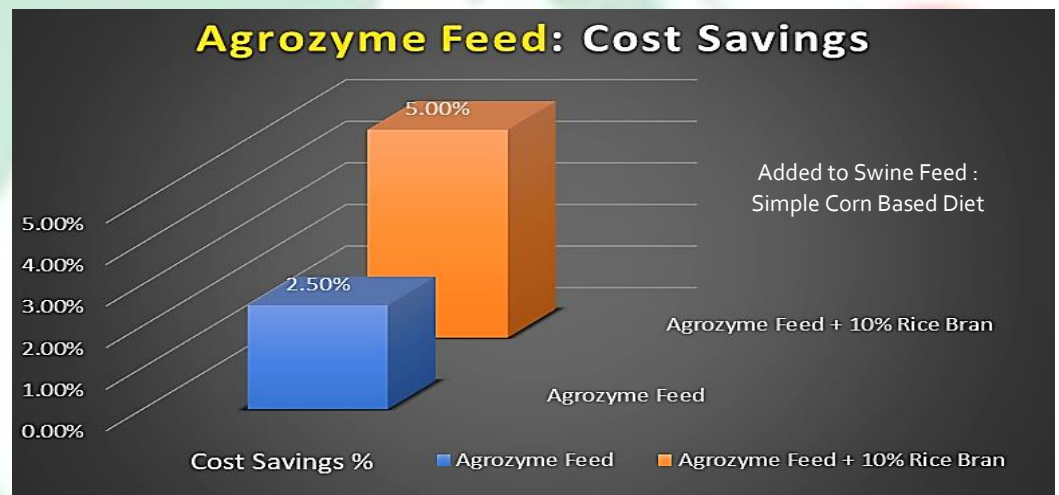


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Feed Cost Savings

■ Results trial test on Agrozyme Feed into Poultry feed (Simple Corn Based Diet):

Item	Cost Savings %
Agrozyme Feed + 10% Rice Bran	5.00%
Agrozyme Feed	2.50%



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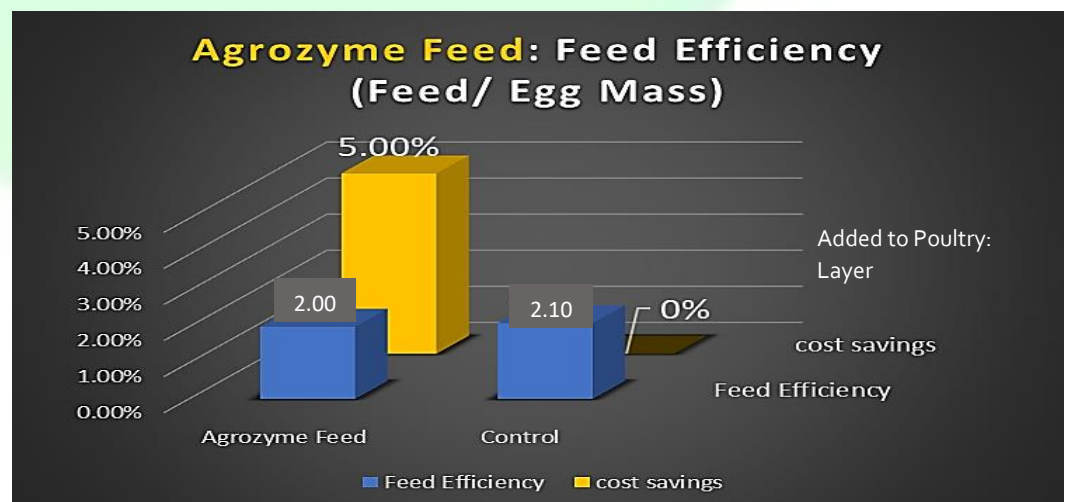
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Feed Efficiency (Poultry)

■ Results trial test on Agrozyme Feed into Poultry: Layer (Feed Intake/ Egg Mass):

Item	Feed Efficiency	Cost Savings %
Agrozyme Feed	2.00	5.00%
Control	2.10	0%



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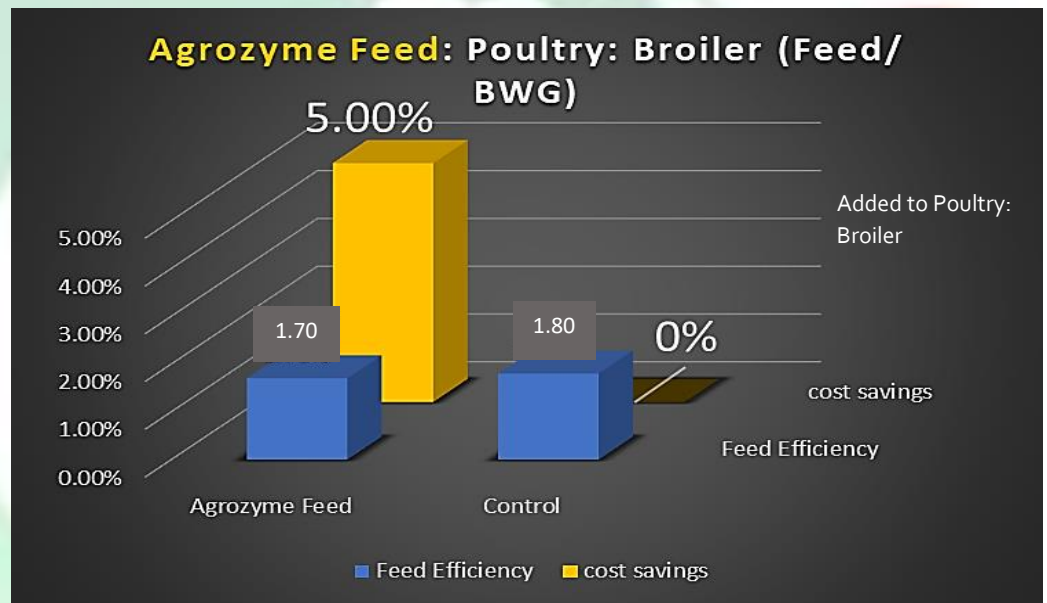


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Feed Efficiency (Poultry)

■ Results trial test on Agrozyme Feed into Poultry: Broiler (Feed / BWG):

Item	Feed Efficiency	Cost Savings %
Agrozyme Feed	1.70	5.00%
Control	1.80	0%



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