

Avizyme I 500 - Quick Reference Guide



Application	For poultry diets based on corn or sorghum and soybean meal, and containing up to 20% wheat.
Economic benefits	<ul style="list-style-type: none"> • Lower feed costs • More uniform birds • Higher quality end product from cleaner eggs or reduced carcass downgrades • Contributing to food safety • Proven value in antibiotic growth promoter free nutrition • Improved environment
Recommendations for use	<p>Broiler and layer diets</p> <p>Add Avizyme to the standard feed formulation To improve bird growth, egg production and feed conversion, add Avizyme to the standard feed formulation.</p> <p>Reformulation For reduced feed costs and maintained bird growth, egg production and feed conversion:</p> <ul style="list-style-type: none"> • Energy - increase the apparent metabolisable energy (AME) value of corn by approximately 3.5-5.0%, as recommended by Avicheck™ Corn • Crude protein and amino acids - reduce the crude protein and amino acids of the total feed as recommended by Avicheck Corn <p>Duck diets</p> <p>Add Avizyme to the standard feed formulation To improve bird growth and feed conversion, add Avizyme to the standard feed formulation.</p> <p>Reformulation For reduced feed costs and maintained bird growth and feed conversion:</p> <ul style="list-style-type: none"> • Energy - reduce the apparent metabolisable energy (AME) specification of Starter and Grower/Finisher feeds by up to 2% and 3% respectively
Inclusion rate	<p>Layer diets</p> <p>Granular Avizyme I 500 0.75kg per tonne (0.075%) of finished feed, included either directly or via a premix.</p> <p>Granular Avizyme I 502 0.375kg per tonne (0.0375%) of finished feed, included either directly or via a premix.</p> <p>Granular Avizyme I 505 0.15kg per tonne (0.015%) of finished feed, included either directly or via a premix.</p> <p>Liquid Avizyme I 510 The three components (amylase, xylanase and protease) are supplied in separate containers to achieve the guaranteed shelf life. Apply at a rate of 0.5kg per tonne (0.05%) of finished feed: mix 75g/tonne of each component with 275g/tonne of water. Apply after pelleting.</p>

<p>Inclusion rate</p>	<p>Other poultry diets</p> <p>Granular Avizyme 1500 1kg per tonne (0.1%) of finished feed or as recommended by Avicheck Corn. Include either directly or via a premix.</p> <p>Granular Avizyme 1502 0.5kg per tonne (0.05%) of finished feed or as recommended by Avicheck Corn. Include either directly or via a premix.</p> <p>Granular Avizyme 1505 0.2kg per tonne (0.02%) of finished feed or as recommended by Avicheck Corn. Include either directly or via a premix.</p> <p>Liquid Avizyme 1510 The three components (amylase, xylanase and protease) are supplied in separate containers to achieve the guaranteed shelf life. Apply at a rate of 0.5kg per tonne (0.05%) of finished feed: mix 100g/tonne of each component with 200g/tonne of water or as recommended by Avicheck Corn. Apply after pelleting.</p> <p>Product availability and inclusion rate recommendations are subject to national registrations. For further advice please contact Danisco Animal Nutrition or your local distributor.</p>
<p>Storage stability</p>	<p>Granular Avizyme 1500, 1502 and 1505 15 months when stored in original packaging at < 20°C (< 68°F).* Store in dry conditions. 4 months when included in a vitamin/mineral premix and stored at < 22°C (< 72°F). Store in dry conditions.</p> <p>Liquid Avizyme 1510 6 months when stored in original packaging at < 22°C (< 72°F). Do not freeze.</p> <p>*Subject to national registrations.</p>
<p>Processing stability</p>	<p>*Granular Avizyme 1500, 1502 and 1505 For optimum bioefficacy, do not exceed conditioning and pelleting temperatures of 85-90°C (185-194°F).</p> <p>Liquid Avizyme 1510 For any processing conditions, particularly where conditioning and pelleting temperatures exceed 85°C (185°F). Apply after pelleting.</p> <p>*Processing stability recommendations differ according to product and national registrations. For further advice please contact Danisco Animal Nutrition or your local distributor.</p>
<p>Packaging</p>	<p>Granular Avizyme 1500 and 1502 25kg multi-wall paper bags or 1000kg bulk (tote) bags.</p> <p>Granular Avizyme 1505 25kg multi-wall polyethylene lined paper bags or 1000kg bulk (tote) bags.</p> <p>Liquid Avizyme 1510 Containers of 25kg, 200kg and 1000kg.</p>
<p>Related services</p>	<ul style="list-style-type: none"> • Avicheck Corn - provides customised recommendations on Avizyme 1500 use according to corn quality for greater profit from enzyme use • Engineering support - expert advice on the best choice of system for applying liquid Avizyme products onto pelleted feed • Enzyme in-feed laboratory analysis - confirms that Avizyme has been accurately included in the feed for maximum profit

To find your nearest local office or distributor visit www.danisco.com/animalnutrition

Danisco Animal Nutrition
PO Box 777, Marlborough, Wiltshire, SN8 1XN, United Kingdom
Tel +44 (0) 1672 517777 Fax +44 (0) 1672 517778
info.animalnutrition@danisco.com www.danisco.com/animalnutrition
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First you add knowledge...