



Swine

active ingredient
enzyme activity
mode of action

thus Quantum®
effectively
benefits in swine

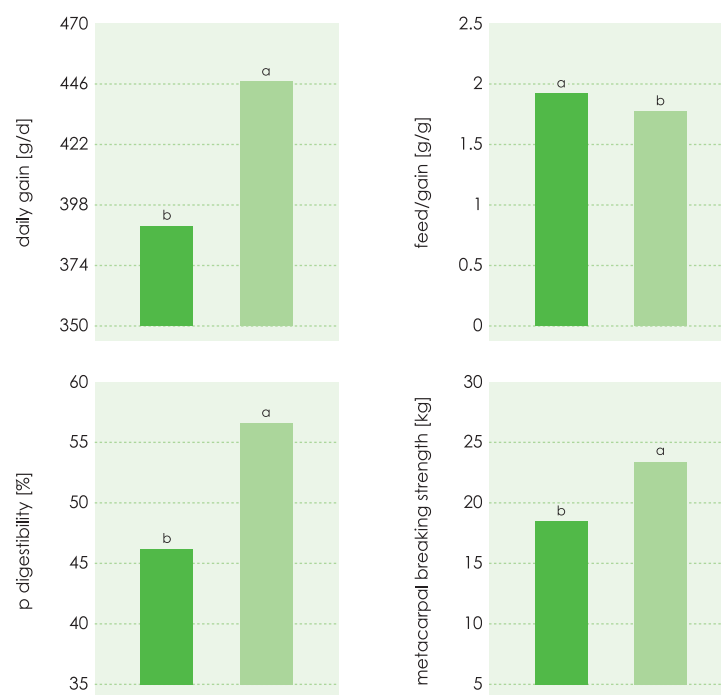
Enhanced 6-phytase from *E. Coli*

2500 FTU/g in Quantum® 2500 + 5000 FTU/g in Quantum® 5000

Quantum® liberates phytate-bound phosphate (P) from raw material of plant origin. Quantum® is a third generation enzyme that binds to and hydrolyses phytate efficiently over the entire range of pH encountered in the gastrointestinal tract.

- improves availability of P and other phytate-bound nutrients for swine
- reduces environmental impact from phosphate excreted by swine

The effect of Quantum® was demonstrated in a post weaning piglet trial carried out in USA. Results show the positive influence of Quantum® on daily gain, feed:gain, P digestibility and metacarpal breaking strength when added to the control diet.



■ Control ■ Control + 500 U/kg Quantum®

ab = P<0.05

University of Missouri, corn-based diets, post-weaning piglets, from 7.6–19kg LW

recommendations

Inclusion rate: In general it can be assumed that 1.3g available P can be replaced by 500 FTU Quantum®/kg feed.

swine	500 FTU/kg feed
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For more specific information on products or technical recommendations please contact AB Vista.



Woodstock Court Blenheim Road
Marlborough Business Park Marlborough
Wiltshire SN8 4AN United Kingdom
T +44 (0)1672 517 650 F +44 (0)1672 517 660
E info@abvista.com W www.abvista.com

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