

WHAT IS DIAMOND V ORIGINAL XPC™

Original XPC is an all-natural fermentation-based feed additive used in all classes of swine diets. It is not a single compound, but rather a fermentation product composed of numerous beneficial metabolites (proteins, peptides, antioxidants, phytosterols, organic acids and nucleotides) together with beta-glucans and mannans to support animal health and performance.



HOW DOES IT WORK?

The unique metabolites in Original XPC support robust digestive health by balancing gut microbiota, the immune system and optimizing gut morphology. The prebiotic activity of Original XPC helps promote a healthy balance of bacteria in the lower gastrointestinal tract, while the antioxidant activity improves immune function.

RECOMMENDED FEEDING RATES

Sow

Gestation	2.0 kg/MT
Lactation	2.0 kg/MT

COMMITMENT TO YOU

All Diamond V products are manufactured in a state-of-the-art food-grade facility located in the U.S.A. Our manufacturing standards meet all current Good Manufacturing Practice (GMP) guidelines to assure consistent product quality and reliability with traceability.

We stand behind our products for your peace of mind and we invite you to learn more about the benefits Diamond V products deliver.



Get the real facts, benefits and proof that Diamond V delivers at diamondv.com



If you would like more information, please contact your local Diamond V representative.

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A UNIQUE APPROACH

Since 1943, Diamond V has been leading the industry in microbial-based fermentation research and technology innovation. The bioactive components in Diamond V Original XPC are produced using our proprietary anaerobic fermentation technology of *Saccharomyces cerevisiae*. This closely guarded fermentation process produces unique metabolites that provide beneficial health effects and cannot be replicated outside of Diamond V.

WHAT ARE THE KEY BENEFITS?

Improved gastrointestinal health translates into better performing sows that are more capable of reaching their genetic potential. Research has shown Original XPC supports:

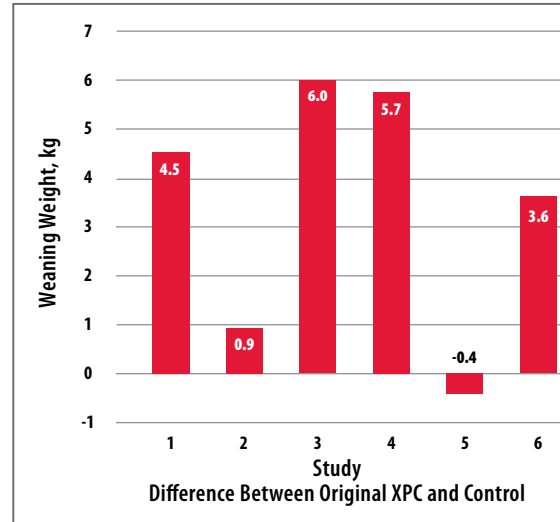
- Pig Weaning Weight
- Number of Pigs Weaned
- Nursery Pig Weight



RESEARCH STUDIES:

PIG WEANING WEIGHT

Research¹ has shown feeding Original XPC during gestation and lactation supports weaning weight. Results demonstrate that in five of six trials (83%), sows fed Original XPC wean heavier litters. Data in the chart below represents controlled research trials with a total of 1355 sows. The weighted average of the improved weaning weight response is 2.8 kg.²



NUMBER OF PIGS WEANED

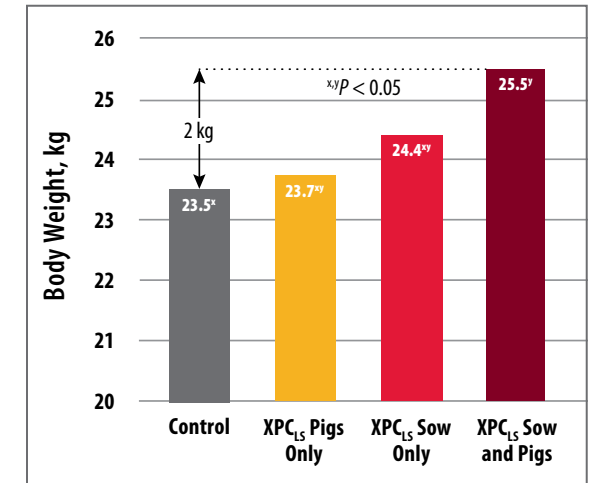
Research¹ has shown feeding sows Original XPC improves the total number of pigs weaned. The weighted average of the six studies is 0.15 more piglets weaned per litter.²

Study	1	2	3	4	5	6
Number of Pigs Weaned/Litter	0.10	0.11	1.05	0.09	0.24	0.20

Difference Between Original XPC and Control

NURSERY PIG WEIGHT

Research¹ results from study number six have shown that feeding Original XPCTM_{LS} to nursery pigs from sows fed Original XPC_{LS} increased ($P < 0.05$) body weight of nursery pigs 2 kg compared to Control fed sows and pigs.



Frank and Dorton, 2013.

^a Pigs weaned from sows at 29 d of age, then fed for 36 d in the nursery.

^{xy} Superscripts with different letters differ, $P < 0.05$.

¹ For a list of trials, please contact your Diamond V sales representative.

² Weighted average accounts for the number of sows in each study, placing more emphasis on studies with more observations.