



QUALITY TECHNOLOGY INTERNATIONAL



NATURAL PRODUCTS
FOR IMPROVED
PRODUCTION
PERFORMANCE,
RETURN-ON-INVESTMENT
& FOOD SAFETY

**Intestinal
Integrity®**

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qtitechnology.com



Quality Technology International, Inc., provides natural products for improved production performance, return-on-investment and food safety to help conventional, antibiotic-free and organic producers raise healthier poultry.

This new **proprietary** portfolio of *Bacillus sp.*-based animal health products is proven through independent research to be more effective.

QTI PRODUCTS

▶ PROBIOTICS

Q-BIOTIC® SERIES

The Q-Biotic® series provides specialized direct-fed microbial (DFM) options for animal health and food safety. These new products were specially selected for strains that provide performance, digestive and thermal stability, and shelf-life. This product line contains both an economical single-strain option as well as a higher performing multi-strain version.

Studies have shown including Q-Biotic® options into the diets of poultry can result in:

- Enhanced performance such as egg production and body weight gain
- Improved feed conversion ratio (FCR)
- Reinforced animal health and livability
- Better shell quality and hatchability
- Proven return on investment (ROI)

Q-BIOTIC® 1DP



This new direct-fed microbial utilizes spores from a proprietary strain of *Bacillus subtilis* to help promote and stabilize a healthy gut in the bird and improve overall performance. Also available in concentrated form (Q-Biotic® 1CP).

Q-BIOTIC® 3DP

This new proprietary combination of three *Bacillus* species utilizes unique attributes of each species to provide a more complete overall improvement in animal health and performance. Studies have shown an even greater benefit and ROI than Q-Biotic® 1DP alone. Also available in concentrated form (Q-Biotic® 3CP).

▶ PREBIOTICS

IMW50®

A pure (no filler/no carrier) *Saccharomyces cerevisiae* yeast cell wall product, IMW50® is a low digestibility, high carbohydrate prebiotic product that improves overall gut health. By utilizing both MOS and B-Glucan components of the yeast cell wall IMW50®:

- Enhances performance
- Improves gut integrity
- Boosts immune function
- Binds harmful pathogens such as Salmonella and *E. coli* to remove from the gut

▶ SYMBIOTIC (COMBINATION) PRODUCTS

BACPACK® Q SERIES

Combining the proven results of our DFMs with our highly functional prebiotic, this combination product provides the synergistic benefits of both in one package. The BacPack® series provides added defense for both environmental and food safety challenges in any production system.

BACPACK® Q1+1



The combination of Q-Biotic® 1 with IMW50® for a more economical option for protection from environmental challenges and reduction of food safety threats, while improving performance.

BACPACK® Q3+1

Utilizing the powerful benefits of Q-Biotic® 3 with IMW50® for an even more synergistic benefit. This product can provide even more protection and improvements in performance.

▶ WATER SUPPLEMENT

REFRESH™ POULTRY

A water soluble supplement containing a blend of vitamins, electrolytes, amino acids, citric acid, betaine, and Q-Biotic® 1. This product is specifically designed to provide:

- Additional nutrient fortification
- Maintain hydration and electrolyte balance
- Support natural intestinal health and development

This versatile product can be used in all poultry species (both young and old) before, during, and after periods of stress or challenge as a supportive therapy.



ABOUT US

- ▶ **QTI HAS BEEN A LEADER** in new antibiotic free (ABF) intestinal health products and solutions for more than 23 years.

In 2021, QTI is launching a next generation of new products designed to improve gut microbial balance and enhance the integrity of the gastrointestinal system, while offering a significant return on investment.

QTI is unique for the degree of technical support it provides via staff microbiologists, nutritionists and veterinarians.

Driven by QTI's proprietary research and testing laboratory, each product has been evaluated by multiple independent research centers across the United States, to assess animal productivity, health, welfare and food safety.

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