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**Attention: Editor**

**May 27, 2026**

**PRESS RELEASE**



## **Probiotic Feed Additives Offer Antibiotic-Free Path to Livestock Health and Performance**

[Recent trade and regulatory concerns involving Brazilian livestock exports to the EU](#)

reflect an increasing global concern about antimicrobial resistance (AMR). As negotiations between affected parties continue in the face of looming September deadlines and potential losses, probiotics stand out as viable alternatives to promote livestock



health, digestion, and feed conversion without the use of antibiotics.

Commenting on the May EU change, David S. Llano, microbial expert and Product Manager at [Bionetix® International](#), pointed out, “This development could represent the beginning of a broader international trend, where additional countries may eventually face similar restrictions as regulations surrounding antibiotic use and antimicrobial resistance continue to tighten globally.”

## Probiotic Feed Additives and Antibiotic Stewardship

While [EU guidelines](#) admit that antibiotics are sometimes needed for animal health, they also note, “The ultimate objective is to reduce the need for antimicrobials by preventing disease.” Such efforts to avoid the unnecessary or inappropriate use of antibiotics (which can accelerate



AMR) aligns well with the ability of probiotic feed supplements to take a proactive rather than reactive approach to animal health. Coupled with proper documentation, this can facilitate a lifetime record of antibiotic-free care.



## How Livestock Probiotics Support Health and Disease Resistance

Probiotic feed additives such as those available from Bionetix<sup>®</sup> combine beneficial *Bacillus* and *Lactobacillus* species with other nutrients and microorganisms to populate the gastrointestinal tract, supporting microbial balance and overall animal resilience. Enzymatic action enhances digestion efficiency for

better nutrient absorption and weight gain. Each blend includes specialty ingredients for specific classes of livestock.

- [DAIRY-FEED™](#) includes a balanced blend of viable yeast cultures along with *Saccharomyces cerevisiae*, *Lactobacillus casei*, *Enterococcus faecium*, and *Bacillus subtilis*, targeting both the rumen and lower gastrointestinal tract of beef or dairy cattle.
- [POULTRY-FEED™](#) is enriched with mannan-oligosaccharides (MOS), vitamins, calcium, and selenium to support the health of meat chickens and laying hens.

- [SWINE-FEED™](#) contains a blend of microbial cultures that promote an optimal pH for endogenous enzyme activity and encourage the production of volatile fatty acids and additional beneficial microorganisms such as *Bifidobacteria*.
- [AQUA-FEED™](#) is rich in  $\beta$ -glucans, mannan-oligosaccharides (MOS), beneficial probiotics, and other key vitamins, nutrients, and minerals to support overall fish and shrimp health. It has recently been evaluated in Brazilian aquaculture, demonstrating promising improvements in growth, including up to 15% higher weight gain compared to the control.\*



### **Antibiotic Alternatives for Sustainable Livestock Production**

While documentation will be indispensable for confirming EU livestock import compliance, microbial and probiotic feed additive technologies offer a promising opportunity to support livestock health, production performance, and antibiotic stewardship objectives. To

learn more about introducing probiotics into livestock feed applications around the globe, contact Bionetix® International to talk with a microbial expert: <https://www.bionetix-international.com/contact-us/>

\*See Bionetix Case History #63: <https://www.bionetix-international.com/login/>

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