

JULY - SEPTEMBER 2026

LIVESTOCK & POULTRY

MIDDLE EAST & ASIA

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SUPPORTING POULTRY
PERFORMANCE THROUGH
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MEET US AT

43rd Saudi Agriculture

19–22 October 2026
Riyadh, Saudi Arabia

GROWTECH.
MIDDLE EAST

26–28 October 2026
Dubai, UAE



SHOW COVERAGE

SPACE

15–17 September
Rennes, France



SOMMET
DE L'ÉLEVAGE

6–9 October
Clermont-Ferrand, France



EuroTier[®]
First in animal farming.

10–13 November
Hanover, Germany

WHY TIMING MATTERS IN OMEGA-3 FEEDING: BIOLOGICAL IMPROVEMENTS THROUGH TO FOOD ENRICHMENT

From broiler breeder diets before hatch to dairy transition programs around calving, targeted Omega-3 feeding can help create value at critical points in livestock production cycles.

For Gulf States' poultry and dairy producers, a more useful question is not only whether Omega-3 belongs in the ration, but when targeted Omega-3 nutrition may create the greatest biological and commercial value.

Broiler Breeders

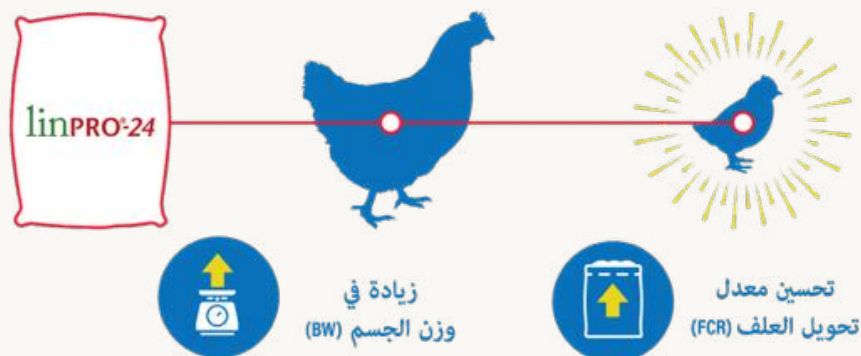
An anti-inflammatory, stress-reducing broiler breeder feeding program begins before hatch. University of Guelph (Canada) research conducted from 2020 to 2024, with O&T Farms support, reported that targeted Omega-3 feeding increased yolk Omega-3 deposition and was associated with higher progeny body weight (BW) and improved feed conversion ratio (FCR). The research used linPRO-24, O&T Farms' proprietary manufactured flaxseed/linseed-based Omega-3 feed ingredient.

Incorporating linPRO-24 into the breeder diet places Omega-3 in the developing chick's earliest nutritional environment, shifting the discussion beyond final-product enrichment toward earlier nutritional intervention.

Dairy

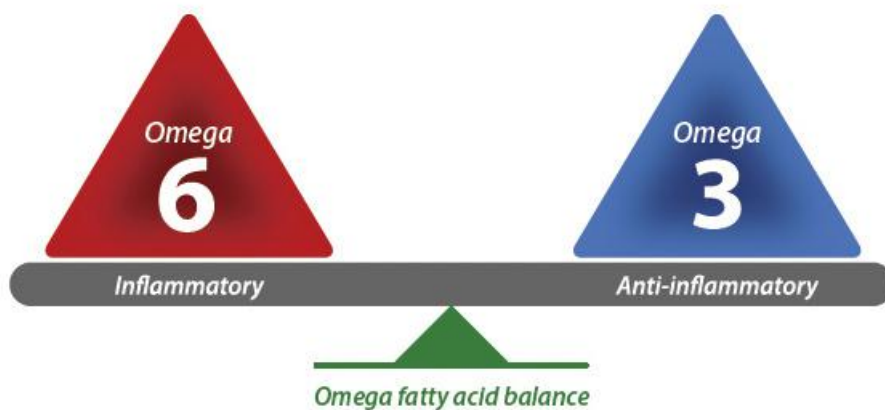
Timing is equally relevant to dairy production and health. Transition

from late gestation to early lactation places substantial metabolic and reproductive demands on the cow. linPRO-R, O&T Farms' ruminant-specific feed ingredient, has exceptional bypass value, allowing Omega-3 polyunsaturated fats to provide positive nutritional advancements. Targeted feeding strategies around freshening, early lactation and first insemination have



been researched. University and extension work from UC Davis, California, and Penn State reported higher milk yield, lower somatic cell count and fewer health events under specific feeding programs. Reproductive work also reported improved conception outcomes when linPRO-R was fed pre-partum to first-lactation cows.

The principle is not that one feeding window fits every operation. Rather, Omega-3 nutrition becomes more precise when a feeding strategy is matched to biological stage, production objective, and the complete ration. In poultry, the target may be the breeder-to-chick pathway. In dairy, it may be transition, freshening, or reproduction.



Omega-3 Food Products

Food enrichment across milk, dairy, chicken, and egg products remains an important downstream opportunity. linPRO-24 can increase Omega-3 in eggs and poultry meat, while linPRO-R can increase Omega-3 in milk and dairy products. The broader opportunity is to connect the right nutritional intervention with the

right production window.

That is where targeted Omega-3 feeding moves beyond ingredient inclusion. It becomes nutritional timing, using Omega-3 strategically at the stages where it can contribute most to performance, consistency, and value across the production chain.

**OMEGA-3 DAIRY,
FREE FROM ADDITIVES**

**100%
DAIRY**

حليب كامل يحتوي على أوميغا-3
تغذية يومية أفضل للعائلة
ملغ أوميغا-3 70
يحتوي على 70
كل كوب 200 مل
رطل 1

Note: "Full citations for the University of Guelph, UC Davis, and Penn State research referenced above are available on request from O&T Farms."