



**RIGEL
GLOBAL**

Built with Purpose,
Delivered with Care.

YolkShine

PIGMENTATION THAT BUILDS BETTER LAYERS



Promotes **rich orange** egg yolk pigmentation, desirable **yellow** broiler skin, and **enhanced aquatic** pigmentation.

YolkShine is a premium pigmentation product that is added to poultry feed to biologically deposit a yellow or golden hue into broiler chicken's skin, fat, and shanks.

It also enhances the natural **pigmentation** of fish skin, promoting a more vibrant and appealing appearance in **aqua** species.



POULTRY



AQUACULTURE



ENHANCED
COLOR



Better Eggs.
Stronger Fish.
Visible Results.



ENHANCED PIGMENTATION

Brighter color.
Better results.



IMMUNITY SUPPORT

Strengthens natural
defenses.



ENHANCED GROWTH

Better performance.
Higher yield.



OVERALL HEALTH

Supports vitality
and well-being.



YolkShine

YOLKSHINE is a scientifically balanced dual-pigment solution designed to deliver consistent and attractive pigmentation in commercial layer and aquaculture operations. Combining **Apo-Ester 10%** and **Canthaxanthin 10%**, the product enhances egg yolk colour in layers and improves flesh pigmentation in aquaculture species, while compensating for seasonal variations in natural feed pigments. The dual-pouch concept allows nutritionists and producers to achieve the optimal balance of yellow and red pigments required to obtain desired pigmentation targets efficiently and economically.

Mechanism of Action

YOLKSHINE combines the proven pigmentation power of Apo-Ester 10% and Canthaxanthin 10% to deliver vibrant and uniform pigmentation. Apo-Ester is efficiently absorbed and deposited in target tissues, enhancing bright golden-yellow tones, while Canthaxanthin contributes rich red-orange pigmentation for greater colour depth and intensity. Working synergistically, these synthetic carotenoids provide precise control over pigmentation, helping producers consistently achieve the desired colour profile in egg yolks and aquaculture species. The balanced formulation also compensates for natural variations in pigment content from corn and other feed ingredients, ensuring reliable colour uniformity and consistent performance across production cycles.

Benefits

- Promotes vibrant and uniform egg yolk pigmentation in layers.
- Enhances flesh pigmentation in aquaculture species.
- Supports consistent colour development across production cycles.
- Compensates for variations in natural pigment levels from feed ingredients.
- Provides precise control over yellow and red colour intensity.
- Improves product appearance and consumer acceptance.
- Flexible dosing to meet different pigmentation targets.
- Easy-to-use dual-pouch system for accurate pigment management.
- Suitable for commercial layer and aquaculture feed applications.
- Delivers reliable and cost-effective pigmentation performance.

Recommended Dosage

For Corn–Soy Based Layer Diets (≈55% Corn)

Target YolkFan Score	YolkShine A	YolkShine B
13	10–12 g/ton feed	40 g/ton feed
13–14	10–15 g/ton feed	40–50 g/ton feed
14–15	15–20 g/ton feed	50–60 g/ton feed

Mix the required quantity of YOLKSHINE with 10–20 kg of finely ground rice bran or limestone powder to prepare an intermediate premix before incorporation into one metric ton of feed. Dosage may be adjusted according to corn quality, feed formulation, bird age, and desired yolk colour intensity.

For aquaculture, dosage varies considerably by species, pigmentation target, and production period.

Pigmentation Level	YolkShine A	YolkShine B
Moderate	20–50 g/ton feed	30–50 g/ton feed
Enhanced	50–100 g/ton feed	50–100 g/ton feed

Presentation

YolkShine A and YolkShine B are available in 25 kg bags, providing a convenient packaging solution for commercial feed manufacturers and large-scale layer operations. Customized packing options are also available based on the buyer's specific requirements, ensuring flexibility to meet different production and formulation needs.



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Plot No. 42 KH N. 14M Basant, Ext Colony, Saharanpur
City, Saharanpur- 247001, Uttar Pradesh, India
Email Id: customersupport@rigelglob.com
Phone no.: +91 7037342055



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Visit Us: rigelglob.com