

# SDA's Egg Yolk Pigmentation: it's only natural!

When you want your love  
for your birds to show!





# Get Back to Nature!

As the demand for healthier layers and healthier eggs is constantly increasing, yolk color has become a differentiating parameter for egg brands, reflecting that desired quality. Consumers value eggs that have a rich, golden yolk color, which is perceived as laid by hens in a natural environment, fed on natural and healthy diet, free from synthetic ingredients.

For a long time, synthetic colorants were the substances of choice for their effectiveness and cost effectiveness. Still, despite their significant influence on the yolk color, these substances have no nutritional added value, and can be potentially harmful for both birds' and human health.

With SDA products, you can leave synthetics behind and switch to natural smoothly and efficiently.

## Discover the SDA Natural Feed Additives



**SDA Sweet Paprika**  
100% premium quality  
sweet paprika



**SDA PapriGold™**  
A unique 100% natural blend  
of sweet paprika and marigold

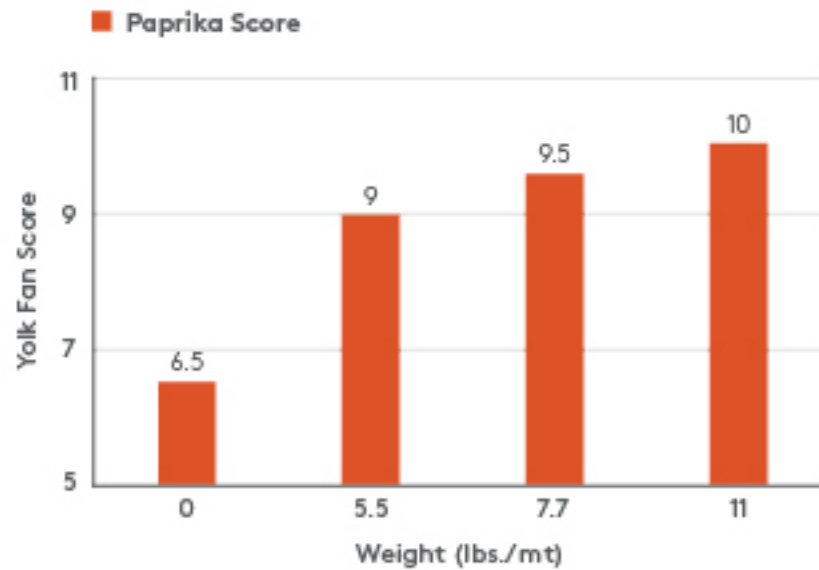




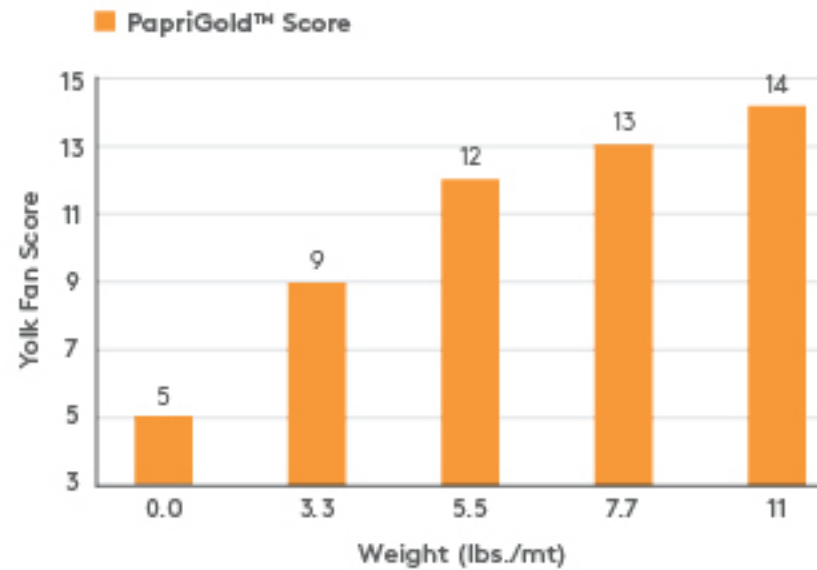
# Highly Efficient - Proven!

Gives a stable richer & deeper gold color to your yolk

SDA Paprika Pigmentation Effect\*



SDA PapriGold™ Pigmentation Effect\*



Results show an easy-to-predict correlation between SDA's natural pigment addition in the feed to the yolk score.

\* Study made in collaboration with the Faculty of Agriculture in the Hebrew University in Jerusalem, and perfectly match the results costumers feeding millions of birds get in the field.



# Healthy for both Birds and Consumers

Paprika is a natural fruit that is also appealing from a nutritional standpoint. SDA additives provide your animals with a variety of different carotenoids and proteins as well as fibers, minerals, and vitamins.

## Nutritional values for Sweet Paprika and Paprigold

| Nutrient                       | Units | Value per 100 grams |
|--------------------------------|-------|---------------------|
| <b>Proximates</b>              |       |                     |
| Energy                         | kcal  | 289                 |
| Protein                        | g     | 14.76               |
| Total lipid (fat)              | g     | 12.95               |
| Fatty acids, total saturated   | g     | 2.14                |
| Fatty acids, total trans       | g     | 0.00                |
| Cholesterol                    | mg    | 0                   |
| Carbohydrate, by difference    | g     | 51.66               |
| Fiber, total dietary           | g     | 30.4                |
| Sugars, total                  | g     | 7.27                |
| <b>Minerals</b>                |       |                     |
| Calcium, Ca                    | mg    | 1468                |
| Sodium, Na                     | mg    | 452                 |
| <b>Vitamins</b>                |       |                     |
| Vitamin C, total ascorbic acid | mg    | 122.0               |
| <b>β-Carotene</b>              | mcg   | 27,679              |



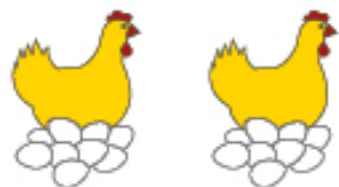


# Keeps Birds' Performance: Only Benefits, No Harm!

## Egg - laying comparison with and without SDA Natural Pigments Additives\*



The number of defective eggs was negligible, with no difference in frequency between the treatment groups.



No differences were observed in the average number of eggs laid per hen per week.



No differences were observed in the weight of the eggs between treatment groups

\* The comparison was made in collaboration with the Faculty of Agriculture in the Hebrew University in Jerusalem, and perfectly match the results costumers feeding millions of birds get in the field



# Easy to Use

- Easy to handle
- Easy to store
- No prior preparation nor pre-mix are required – mixed as-is it to the feed
- All products are available also as emulsions – for delivery through the water system, in case your flock needs a “color boost”
- Emulsions can be used also when not pigmenting through the feed

# Cost Effective

Add a small quantity to get your desired results:  
Less than 1% of the diet creates a wonder!



# Reliable Products and Quality

Feed additives of a natural source require special attention, but when using SDA's Paprika or PapriGold™ you get:

- Unmatched quality, tested by the most advanced global labs
- The highest production standards
- Food Safety – approved by all global certifiers
- Certified sustainability
- Reliability, Repeatability and Traceability
- Availability and Freshness guaranteed all year long- Emulsion for Direct adding to watering system

Choose the best for your needs:

## SDA Sweet Paprika



Powder  
Feed Additive



PapriBoost™  
Emulsion Water  
Additive

## SDA PapriGold™



Powder  
Feed Additive



GoldiBoost™  
Emulsion Water  
Additive

## SDA Marigold



Powder  
Feed Additive



MariBoost™  
Emulsion Water  
Additive







# About SDA

SDA produces high-end Natural Dehydrated Ingredients for more than 3 decades for several leading industries. Our natural additives are present in feed of millions of layers around the globe. Each of our sites holds strict global Food Safety, Sustainability and Quality certificates. SDA delivers right on time, wherever you are!

[www.sda-natural.com](http://www.sda-natural.com)