

Egg Quality Effectiveness of PHYTOCEE®: Effects on Egg Weight and Yolk Colour in Layers

OBJECTIVE

To evaluate the effect of PHYTOCEE® on egg weight and yolk colour in *Isa Brown* layers

MATERIALS AND METHODS

Three different flocks viz. Flock A (10-weeks age), Flock B (30 weeks age), and Flock C (50-weeks age) in the same commercial layer farm were selected. Birds in Flock A, B, and C were raised on normal commercial feed and concurrently supplemented with PHYTOCEE® at 200 ppm for 4 consecutive weeks. The egg quality assessment parameters viz. egg weight and yolk colour were assessed before and after supplementation of PHYTOCEE®.

RESULTS

Effect of PHYTOCEE® on egg yolk colour in *Isa Brown* layers

Parameters	Flock A		Flock B		Flock C	
	Before	After	Before	After	Before	After
Dark Brown Group	13.20	13.30	13.20	13.00	13.00	13.20
Brown Group	13.30	13.00	13.40	13.00	13.10	13.10
Light Brown Group	12.60	13.10	13.00	13.00	13.00	13.10
Average Egg Yolk Colour	13.10	13.10	13.20	13.00	13.00	13.20

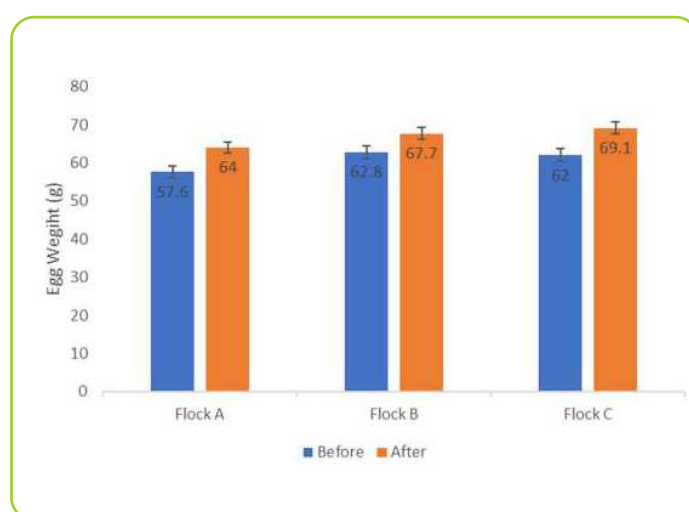


Figure. Effect of PHYTOCEE® on average egg weight

CONCLUSIONS

PHYTOCEE® supplementation caused 8-11% improvement in weight of an egg.

OUTCOME

Therefore, PHYTOCEE® supplementation at 200 ppm could be recommended for augmentation of egg weight without affecting yolk colour in commercial layer farm.