



Effectiveness of PHYTOCEE® on Egg Shell Colour in Layers

OBJECTIVE

To evaluate the effect of PHYTOCEE® on egg shell 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 shell colour was evaluated before and after supplementation of PHYTOCEE® using colorimeter.

RESULTS

Table. Effect of PHYTOCEE® on egg shell colour in *Isa Brown* layers

Parameters	Flock A		Flock B		Flock C	
	Before	After	Before	After	Before	After
Dark Brown Group	52.50	50.70	52.10	51.60	53.20	53.50
Brown Group	58.30	54.70	59.40	55.90	58.80	55.90
Light Brown Group	63.30	59.60	67.20	59.80	66.30	63.40
Average Egg Shell Colour	58.00	55.00	59.50	55.80	59.40	57.60

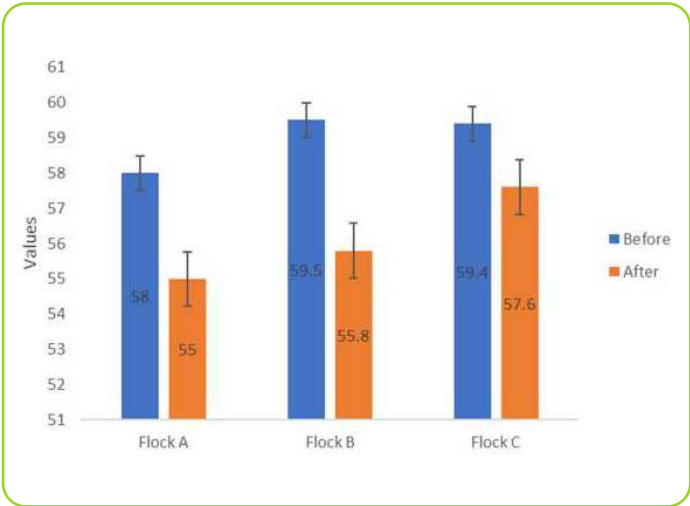


Figure. Effect of PHYTOCEE® on average egg shell colour (lightness)

CONCLUSIONS

PHYTOCEE® supplementation caused 3-6% improvement in egg shell colour.

OUTCOME

Hence, PHYTOCEE® supplementation at 200 ppm could be recommended for improvement of egg shell colour in commercial layer farm.