

Efficacy of PHYTOCEE® on Egg Freshness in Layers: Effects on Haugh Unit

OBJECTIVE

To evaluate the effect of PHYTOCEE® on Haugh unit 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 freshness (Haugh unit) was evaluated before and after supplementation of PHYTOCEE®.

RESULTS

Effect of PHYTOCEE® on Haugh unit in *Isa Brown* layers

Parameters	Flock A		Flock B		Flock C	
	Before	After	Before	After	Before	After
Average Haugh unit (HU)	86.90	85.40	81.30	82.00	74.60	74.90

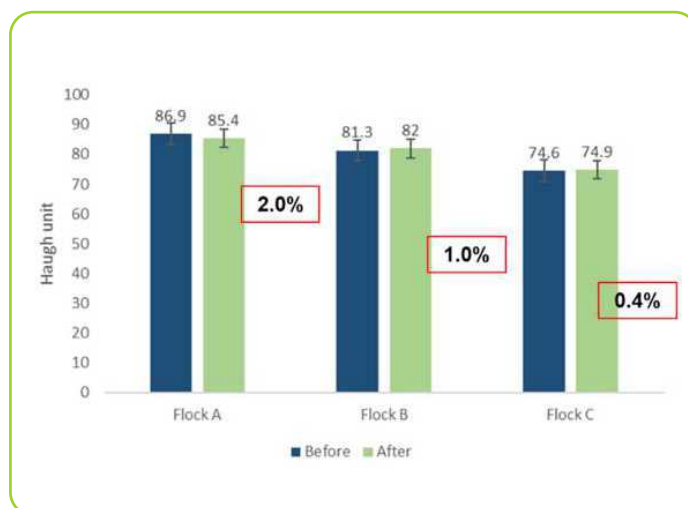


Figure. Effect of PHYTOCEE® on Haugh unit (HU)

CONCLUSIONS

- Haugh unit (HU) is a measure of egg protein quality, and HU of fresh eggs decreases with increasing age of the hen.
- PHYTOCEE® supplementation augmented the egg protein quality in aged flocks as evidenced from Haugh unit.

OUTCOME

Hence, PHYTOCEE® supplementation at 200 ppm could be recommended for enhancement of egg protein quality with increasing age of hen in commercial layer farm.