

Production Performance Augmentation Potential of PHYTOCEE® in Layers : Effects on Egg Production

OBJECTIVE

To evaluate the effect of PHYTOCEE® on egg production in layer birds.

MATERIALS AND METHODS

A shed of layer flock in the commercial layer farm was selected and maintained as normal control. Another shed of layer flock in the same commercial layer farm was selected and supplemented with PHYTOCEE® (300 g/ton) and it served as PHYTOCEE® treatment group. The duration of treatment was 22 weeks from flock age 19-weeks to 40-weeks. The production performance assessment parameters viz. number of eggs/bird and hen day egg production (HDEP) were evaluated.

RESULTS

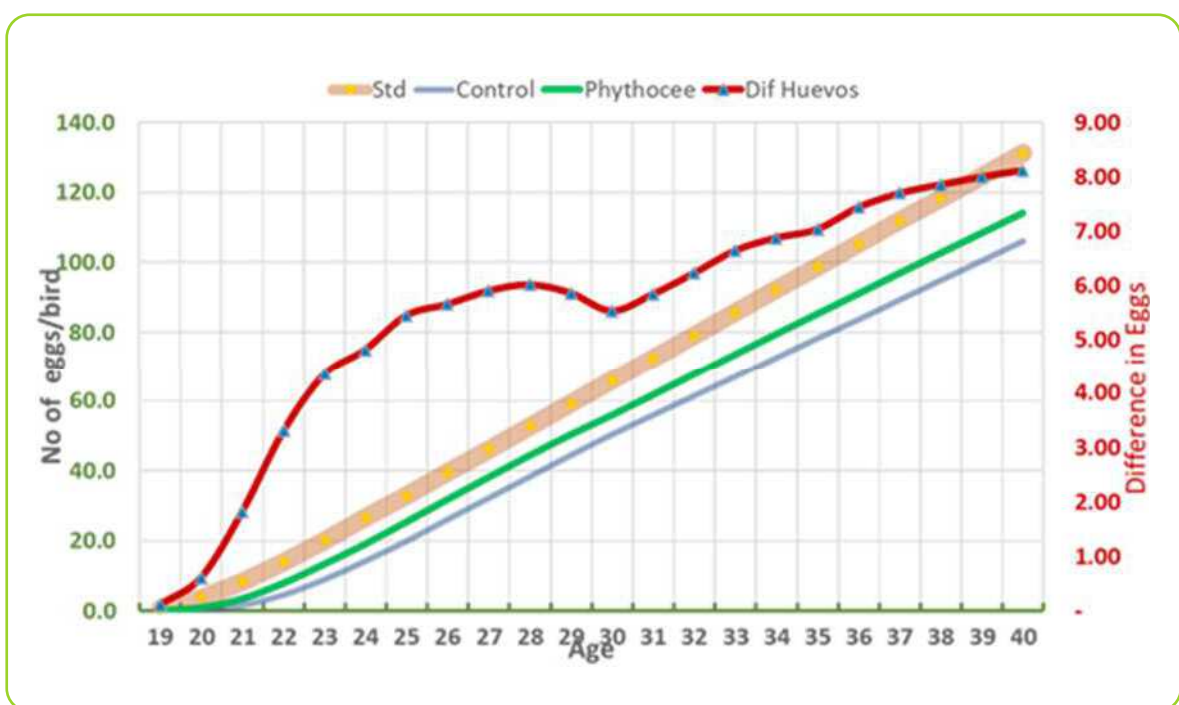


Figure 1 : Effect of PHYTOCEE® on No. of eggs/bird

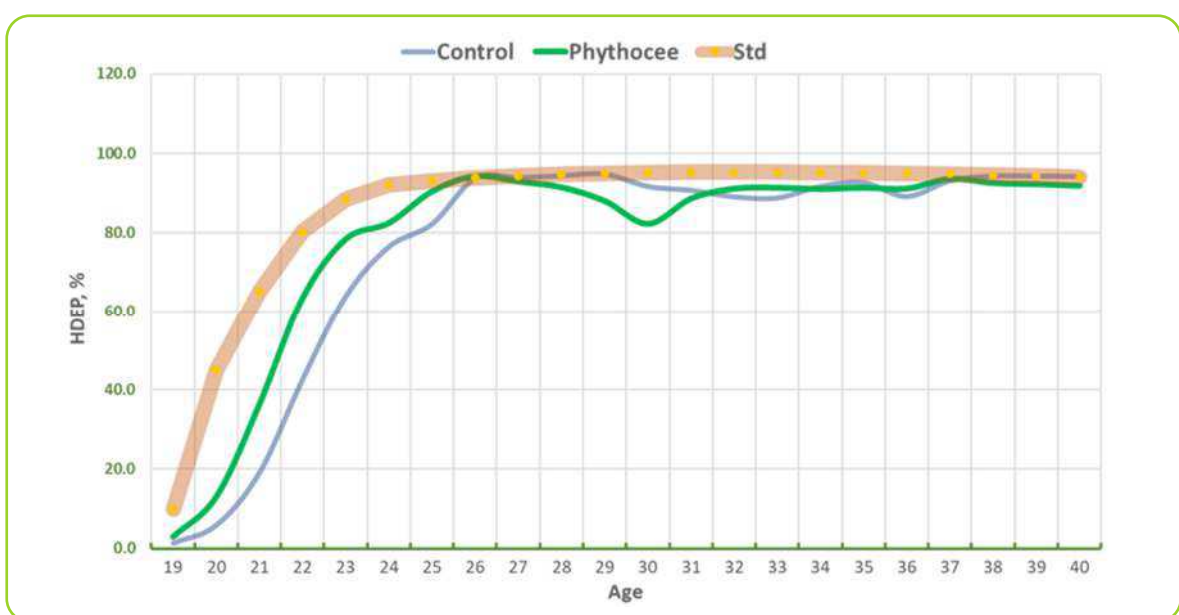


Figure 2 : Effect of PHYTOCEE® on HDEP (%)

CONCLUSIONS

- PHYTOCEE® supplementation caused to increase HDEP (%) throughout the treatment period except on treatment weeks 10-13 (flock age 28-31-weeks), 15-16 (flock age 33-34-weeks), and 20-22 (flock age 38-40-weeks).
- Furthermore, inclusion of PHYTOCEE® in commercial layer diet caused higher egg production per bird throughout the treatment period as compared to control.

OUTCOME

Hence, PHYTOCEE® at 300 g/ton could be recommended for augmentation of egg production performance of layer birds.