

# OVICON

*Complete solution for ovary and reproductive health, ensuring one egg everyday*



### Composition:

Natural Phytoestrogen, Curcumin, Vitamin E, Vitamin D3, Biotin, Folic Acid, Sodium Selenite, Calcium, Phosphorus, Amino Acid and others.

### OVICON increase egg production, because:

- Cholesterol is a steroid hormone precursor, the formation through a series of enzymatic reactions. The hormone estriol is one of the reproductive steroid hormones.
- Administration with OVICON Powder can shorten the cycle of Ovulation about 5h 35min. The distance between the first egg laying with the second egg in the control laying hens during 29 h, whereas in laying hens treated with OVICON, eggs distance between the first and second egg is 23 h 25 min. OVICON did not affect the pattern of fluctuations in the hormone progesterone. There are 4 progesterone peaks during the first cycle of ovulation both in controlled laying hens and laying hens that treated with OVICON. There was a change to the hormone estriol fluctuations. In controlled laying hens takes four peaks hormone estriol in an ovulatory cycle, whereas in laying hen treated with OVICON as 1 hormone estriol peak occurring approximately 15 h before ovulation.

### OVICON Role on Ovulation:

- Low levels of estriol in plasma at the time of oviposition allegedly caused phytoestrogens contained in OVICON capable of replacing estrogen plays a role in influencing the physiological function of the laying hens.
- Shortening the time spawn after supplementation with OVICON suspected to be related the role of OVICON in improving liver function to synthesize vitellogenin, which further vitellogenin transported to the ovaries to follicle growth hierarchy.
- Phytoestrogens have estrogen-like activity to induce the biosynthesis of vitellogenin. Phytoestrogens stimulates hepatocytes to synthesize vitellogenin that will be transported to the ovary through circulation as yolk precursors. More and more the follicles growing, the follicles ovulation becomes faster.

### OVICON increase liver function & Ensure good Health of laying hens:

- Continuous activity of the liver in the synthesis vitellogenin can induce liver degeneration resulting in liver damage. OVICON that has a hepatoprotective effect, are compounds that prevent damage in liver.
- Curcumin is the main compounds in OVICON, which has a scavenger of free radicals, antioxidants and anti-inflammatory.
- Mechanism of curcumin as an anti-inflammatory is inhibit the production of prostaglandins by inhibiting the activity of cyclooxygenase-2.
- Curcumin modulates cell growth and response of various types of immune cells growth and response of various types of immune cells.
- OVICON also contains phytoestrogens. Role of phytoestrogens in OVICON can stimulate synthesis vitellogenin and improve liver function.

### Dosage and Administration:

- 400 gm OVICON with 100 kg feed every day or 2gm per liter of drinking water.

### Side Effect:

- There is no side effective. As it is natural, it is safe to use and good for health.

### Storage Conditions:

- Store below 25°C
- Do not freeze

**Packing:** 100gm, 500gm, 1kg pack.



Marketed By  
Enivet Agro Ltd.

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