

Comparison study on vaccine efficacy using oil emulsion and aluminum hydroxide Gel

Coryza-Oil 3 v/s Competitor

Category	Coryza Oil 3	Competitor
Vaccine application	Easy and Fast	Hard and slow
Stress level to Birds	Minimum	High
Irritation after vaccination	Minimum	High
Rate of antibody level reaches at Higher Level	Quicker	Slower
Water Consumption	No effect	Reduced
Feed Consumption	No effect	Reduced

Source : Efficacy of IC Oil and Gel for Prevention of Thai *Avibacterium paragallinarum* infection (Dr.Niwat Chansirpornchai, Dr. Piyarat Chansirpornchai, Dr. Krida Chukiatsiri)

Coryza Oil-3®

Indication for Use:

For the vaccination of healthy chickens against infectious Coryza caused by Avibacterium types A, B and C.

Direction for use:

Use in chickens of 5 weeks of age or older. Warm slowly to room temperature and shake well before using. Inject 0.5 mL intramuscularly.

Disposal:

Dispose of unused vaccine and containers by burning

Storage:

Store between 2-8°C. Do not freeze. Use entire contents when first opened.

Vaccination Scheduled

Note: Kindly take advice from consultant or veterinary practitioner for the vaccination program



A successful program is always tailor made

- Very much dependent upon local epidemiology
- Always recommended two dose regime for layers and breeders at 4 weeks apart
- First dose- 6 to 8 weeks of age

Vaccination In early challenge

- ½ dose at 3 weeks (0.25 ml)
- Full dose (0.5 ml) at 8 weeks & 2nd full dose (0.5 ml) at 12 weeks
- Full dose (optional) at 16 weeks (practiced generally in high-risk area)

In late challenge

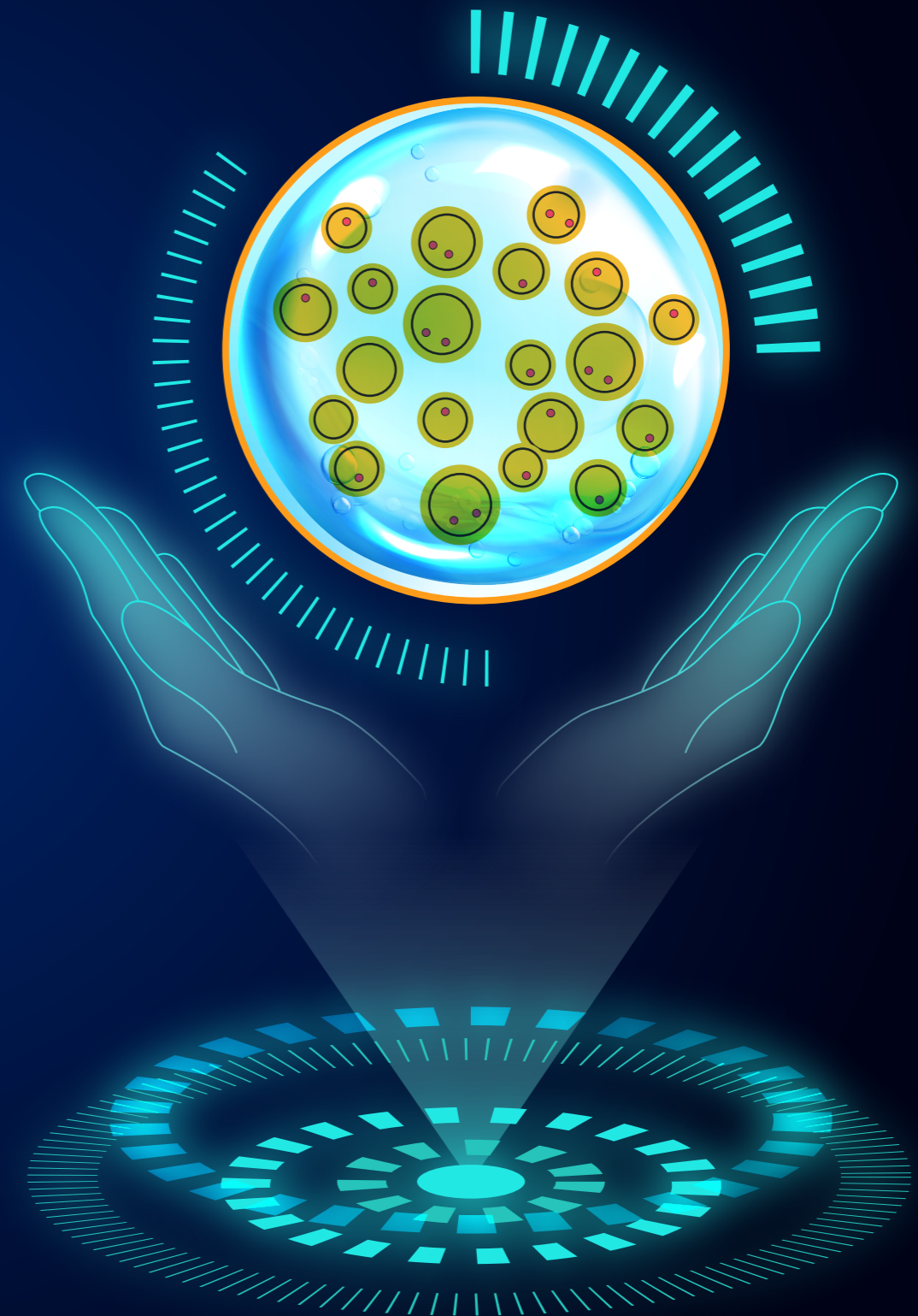
- Two doses 8-10 weeks and 12-16 weeks,



Presentation: 1000 Doses

INNOVATION AND TECHNOLOGY MAKES IT WINNER

Coryza Oil-3®



Coryza Oil-3®



W-O-W Technology

Minimum stress and better performance

Concept

- Unique patented technology
- A unique double emulsion (W-O-W), with an aqueous outer layer.
- Continuous phase is water and dispersed in oil, but inside oil droplets entrapped water phase

Benefit

- Early & long-lasting protection
- Less viscous
- No stress on birds
- No adverse reactions

Value to business

- Superior protection
- User friendly
- Proven bird performance



Broad Spectrum

Protection against A, B and C serovar with added cross protection against 9 Serotype

Concept

- Protection against three different serotypes (A, B, and C) of Haemophilus paragallinarum

Benefit

- Cross protection against 9 serotype A1, A2, A3, A4, B1, C1, C2, C3, C4

Value to business

- Less risk of disease occurrence & production losses
- Best vaccine in endemic area
- Cost effective
- Reduce medication cost



Performer

Best antigenicity & superior protection

Concept

- Thiomersal is the best inactivating agent used in

Benefit

- Superior inactivation
- No damage to antigen structure

Value to business

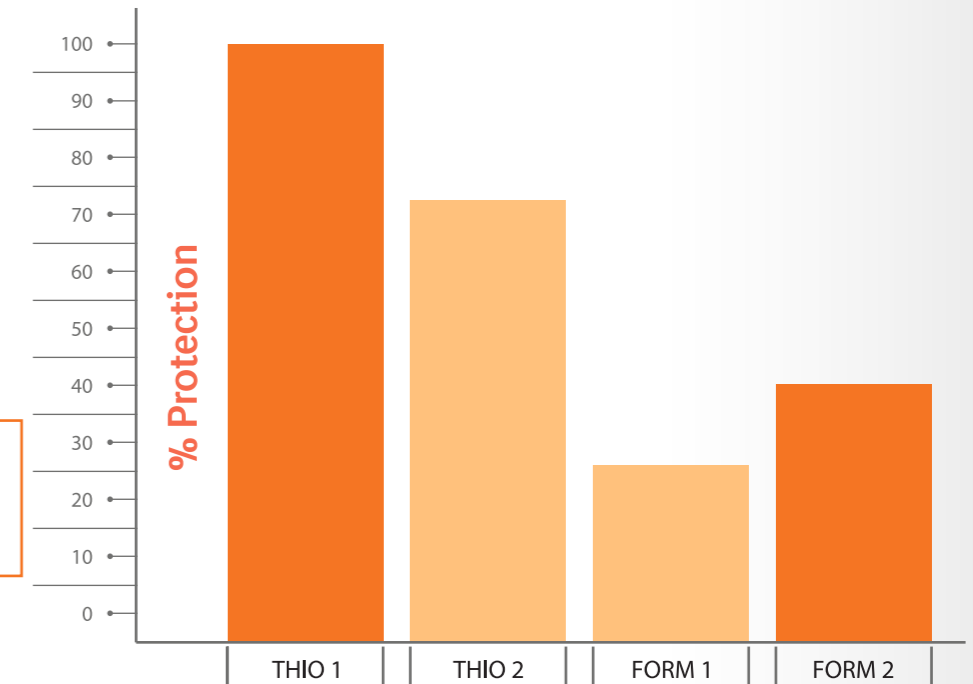
- Best antigenicity
- Superior protection

More Benefits

Comparison using Thiomersal and Formalin as an inactivating agent

Thiomersal

- Superior inactivation
- No damage to antigen structure
- More protection to birds



(Source: Patrick J. Blackall, An update on Infectious Coryza in Asia in 2011 Pfizer technical conference in KL, Malaysia)

Comparison study on tissue damage after vaccination

Coryza-Oil 3 v/s Competitor



No tissue damage with Coryza Oil-3



Tissue damage after competitor coryza vaccination

(Source : Comparison Of Efficacy Of Vaccines Between Mineral Oil And Aluminium Hydroxide Adjuvant Vaccine Against Mycoplasma Gallisepticum Infection In Layer Chicken P. Logesh, K. Sukumar And R. Durairajan)