Vaccination of poultry with AviPro® Megan® Egg provides a first line of defense to protect pullets from *Salmonella* Enteritidis infections. As a mass-applied vaccine, AviPro Megan Egg can serve as an integral part of a *Salmonella* control program, allowing for the production of more *Full Value Poultry™*.

**Convincing Advantages:**

- Protection against *Salmonella* Enteritidis lasting through lay
- Coarse spray vaccination makes your *Salmonella* program easy and welfare-friendly
- Proven to protect hens during molt¹
Vaccination has proven to be a valuable tool in reinforcing a Salmonella control program

A major obstacle to Salmonella control in the poultry industry is the ubiquitous presence of multiple serotypes of Salmonella. An effective Salmonella control program requires an integrated approach, including sound on-farm biosecurity practices, good hygiene and monitoring. However, these efforts will not lead to adequate Salmonella control if birds are unable to prevent Salmonella proliferation. For this reason, vaccination must be a major component of a Salmonella control program, inducing an inherent protective mechanism within egg-laying chickens that aids in the reduction and management of Salmonella infections.

AviPro Megan Egg—the first live Salmonella vaccine in the USA specifically developed to protect egg layers against Salmonella Enteritidis (SE) infection

As a lyophilized live vaccine, AviPro Megan Egg is an attenuated Salmonella Typhimurium. When applied to flocks as a coarse spray, the vaccine mimics the natural route of infection that results in long-term protective immunity against Salmonella Enteritidis infections.

Study

Thirty hens were vaccinated at 2, 4 and 16 weeks of age with AviPro Megan Egg. Twenty hens received distilled water only. At 56 weeks of age, each vaccinated and non-vaccinated hen was challenged orally with a high dose of wild-type S. Enteritidis bacteria. These data demonstrate the significant protection provided by AviPro Megan Egg. Significant differences (P< 0.05) can be seen in the % SE-positive kidney, liver and spleen (K,L,S) pooled samples and ovaries (OV) of vaccinated birds compared to non-vaccinated birds. Birds vaccinated 3X with AviPro Megan Egg showed overall reduced infections of target tissues by the wild-type SE challenge strain compared to non-vaccinated birds.

The label contains complete use information, including cautions and warnings. Always read, understand and follow the label and use directions.

AviPro Megan Egg

For reduction of Salmonella Enteritidis colonization in the internal organs, including the ovaries and oviduct and the intestinal tract and ceca. One dose contains attenuated Salmonella Typhimurium for mass application by coarse spray. Indications: Non-invasive immunization of poultry against Salmonella Enteritidis infections. Directions for use: Pullets: Administer 1 dose per bird at 2 weeks of age and repeat at 4 and 16 weeks of age for protection to end of lay.

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