

How Can the “2014-2016 ELISA Titers in Georgia Poultry” Booklet Help You?

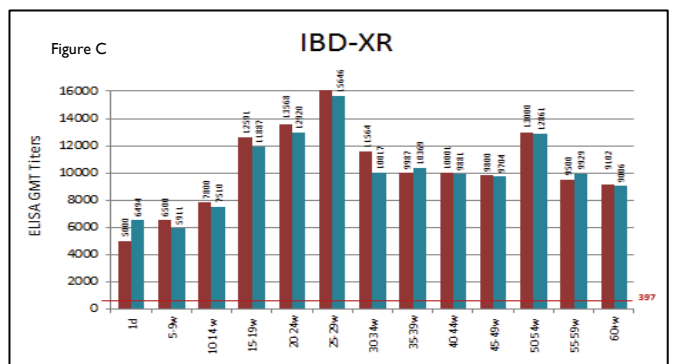
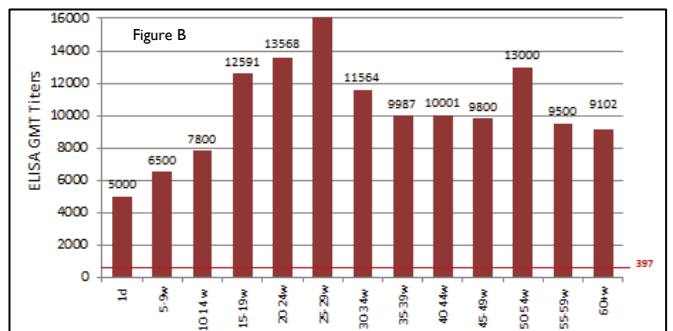
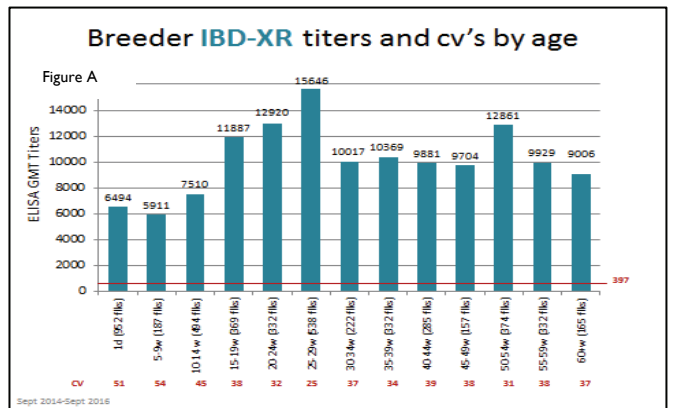
Introduction: The GPLN ELISA data for all Georgia flocks is compiled every 2 years for the previous 2 years. Geometric mean titer (GMT) data and Coefficient of Variation (CV) is compiled and averaged by age ranges and by test type (IBD, IBV, DV, REO, AE and CAV). The ELISA kit used is IDEXX. Hard copies of this booklet have been provided to commercial companies during the last quarter of 2016 and are also available electronically. If a hard copy is desired, contact us at 770-766-6810. Data from the “2014-2016 ELISA Titers in Georgia Poultry” booklet is also incorporated in the GMT report on the GPLN portal.

Looking at Titers using the Booklet (Figure A):

Figure A shows the IBD-XR results for 2014-2016. Included in the GA Titers booklets are data on broilers, breeders and commercial layers. The commercial layer database is somewhat small, but there are still enough flocks represented to make the data booklet a good reference source. Each graph shows the CVs in red at the bottom, the age ranges with the numbers of flocks represented, the test positive threshold (red line), and the average GMT titer on the bar graph.

Comparing titers using the Portal: With this resource, each company’s titers and “ALL GA” titers can be compared side-by-side. The GMT Report on the GPLN portal allows a user to look at one grower or all growers over a specified date range. The data is represented in an excel spreadsheet as well as in a bar graph. The age breakdown for the flocks are identical to the age breakdowns for the “2014-2016 ELISA Titers in Georgia” booklet. The GMT Report allows the company user to show the company titers side-by-side with the Georgia titers. The user also has the option of choosing to display company data without the Georgia titers.

The user can choose to look at company titers (Figure B) alongside Georgia titers (Figure A) and produce a combined graph as seen in Figure C. In this graph, the customer’s data is represented by red bars and “Georgia titers” by blue bars. The user can easily compare the company’s titers with all of the similar flocks in Georgia, making up the “2014-2016 ELISA Titers in Georgia” booklet (Figure A + Figure B = Figure C). The GMT Report gives the user the ability to self generate reports to easily compare serology results, track a single grower’s titers over time, analyze vaccine responses from all growers cumulatively over a given time period, and as a general tool to develop company baselines. The “2014-2016 ELISA Titers in Georgia” data embedded in the portal spreadsheets and bar graphs makes for easy referencing.



Tours and Visitors

- January 9-13: NPIP AI Compartmentalization Workshop
- January 27: Chris Coles (Ceva) tour



Dr. Eric Jensen, Dr. Louise Dufour-Zavala and Dr. Travis Schaal at the NPIP AI Compartmentalization Workshop..



Above left and right: Participants in the NPIP AI Compartmentalization Workshop. The participants received training on program requirements, conducted field mock audits and took an examination to become the first group of certified auditors for the US AI Clean Compartmentalization Program.



Model Update

We have passed a big hurdle on the model! Phase 1 - the design and foundation of the model - is completed. We are now beginning Phase 2, which is the detailing of the buildings and the processes. Train Installations, Bob Wheeler and the Model Committee volunteers will be instrumental in completing this phase.

Phase 3 will entail the lighting of the model, including street lights, signal lights, buildings, etc. In Phase 4, we will add sound effects.

As we continue to work toward our goals, we thank each and every one of you for your help with the model. This project is history in the making!



Dave Bennett from Train Installations is working on the scenery.



Halina Wheeler is carefully constructing trees for the model.



Above: A sawmill with chicken houses and a small town in the background.



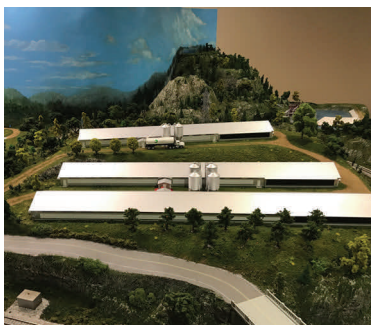
Above: A corner of Chickenville, including a donut shop, a police station and a courthouse.



Look familiar?



Chickenville, USA.



Pullet farm.



A pond with fishermen!