Agriculture Data Model

Data Model User Group

Join the data model user group if you are an existing ArcGIS customer and want to learn more about design and architecture of personal or enterprise Geodatabase and become a part of Esri’s growing data model community.

To create a GIS design for an Agriculture Data Model requires consideration to many business operations and scientific disciplines. The farmer’s spatial operations differ from those of a government agency, or the research of an agricultural scientist. The following five thematic groups have emerged during our research and are the most important conceptual groupings of the data model: Agribusiness, Facilities, Cadastre, Farm Production and Basemap.

Agriculture requires a more structured and standardized information environment in the supply chain following commodities from the farm field to the finished food products. The model will help implement a GIS at the farm, for multinational and local agribusinesses, and within agricultural government agencies. This data model provides a framework to help quickly develop and implement an agricultural geographic database and share information between businesses, adhere to regulations, and provide a useful tool for the agriculture community.

User Forums

Visit the Esri data model discussion forum to share your ideas, thoughts, and questions with other users.

Downloads - Case Studies

These Case Studies are a good starting point to learn about best practices for this discipline. These project examples include sample geodatabases, map documents, and documentation.

- Agriculture Data Model Poster gif of Visio Document - gif format, 3310 kb