

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