With a growing world population and finite farmland, sustainable agriculture is an imperative. But it takes huge amounts of data—and user-friendly APIs—to give farmers the insights they need to maximize yields and minimize the environmental cost of agriculture.

**Challenge**

Ag-Analytics® uses Microsoft cloud tools to aggregate data on farmlands, putting information in the hands of farmers to enable precision conservation and more sustainable agricultural practices.

**Solution**

Ag-Analytics® collects data from tractor sensors, satellites, and remote sensors to give farmers an accurate, actionable picture of their land. Hosted on Azure and utilizing Microsoft technologies, Ag-Analytics® is developing APIs to help farmers access these data layers, putting crucial and precise information in the hands of those who can directly manage the land more sustainably.