



The topography layer identifies low-lying areas in dark purple where water may move.

What is the Topography layer?

The topography layer is a detailed map of the Earth's surface created using LiDAR (Light Detection and Ranging) technology. The topography layer shows the elevation and shape of the land, including hills, valleys, rivers, and waterways.

How does it work?

LiDAR sends laser pulses from a sensor, usually on an aircraft or drone, and measures how long it takes for the pulses to bounce back to create a precise 3D picture of the field. High areas on the map are indicated by a yellow to orange color in AGMRI, while dark blue and purple areas are typically lower areas in the field.

What insights are provided?

The topography image creates detailed maps of fields, allowing for precise application of water, fertilizers, and crop protection products. Differences in elevation can affect crop growth, and AGMRI's topo layer helps identify these variations. By analyzing topographic data alongside other AGMRI layers, you can better understand how differences in elevation may affect crop yield.

How do I find it?

To access the topography layer in AGMRI, click the layer button (👁️), then select topography.

To learn more about AGMRI, request a demo, or sign up for this crop season, visit intelinair.com or contact us at sales@intelinair.com.